

26 November 2024

Positive preliminary assessment of the satisfactory fulfilment of milestones and targets related to the fifth payment request of non-repayable support and of the loan support submitted by Portugal on 3 July 2024, transmitted to the Economic and Financial Committee by the European Commission

Executive summary

In accordance with Article 24(2) of Regulation (EU) 2021/241, on 3 July 2024, Portugal submitted a request for payment for the fifth instalment of the non-repayable support and of the loan support. The payment request was accompanied by the required management declaration and summary of audits.

To support its payment request, Portugal provided due justification of the satisfactory fulfilment of the 35 milestones and targets of the fifth instalment of the non-repayable support and the seven milestones and targets of the fifth instalment of the loan support, as set out in Section 2(1)(1.5) and Section 2(2)(2.5) of the Council Implementing Decision of 13 July 2021 on the approval of the assessment of the recovery and resilience plan for Portugal¹.

For three targets covering a large number of beneficiaries (target 2.2 on access to housing, target 11.2 on decarbonisation of industry and target 16.16 on Industry 4.0), in addition to the summary documents and official listings provided by Portugal, Commission services have assessed a statistically significant sample of individual files. The samples selected and the respective checks correspond to a confidence level of 95% or above in all cases.

In its payment request, Portugal has affirmed that measures related to previously satisfactorily fulfilled milestones and targets have not been reversed. The Commission identified, however, deficiencies in the implementation of ex-ante cross-checks for double funding on reliable databases as required by milestone 22.2 during an audit on the satisfactory fulfilment of milestones and targets included in the 3rd and 4th instalments performed in Q1 2024. On this basis, the Commission considers that a reversal had occurred but that this has since been addressed by actions of the authorities as further evidence has been provided by the Portuguese authorities on the subsequent application of the cross-checks in the new tool Findup in combination with Arachne/FTS databases. In this respect, the Commission considers that milestone 22.2 is currently satisfactorily fulfilled. For other milestones and targets, the Commission does not have evidence that a reversal has occurred. Upon receipt of the payment request, the Commission has assessed on a preliminary basis the satisfactory fulfilment of the relevant milestones and targets. Based on the information provided by Portugal, the Commission has made a positive preliminary assessment of the satisfactory fulfilment of all 42 milestones and targets.

The milestones and targets positively assessed as part of this payment request demonstrate significant steps in the implementation of Portugal's Recovery and Resilience Plan. They notably highlight the continuation of the reform momentum in key policy areas. This includes, among others, reforms to

¹ ST 10149/21 INIT and ST 10149/21 ADD 1 REV 1, as amended by ST 13351/23 INIT, ST 13351/23, ADD 1 REV 1, and ST 13497/24 INIT.

reinforce primary healthcare, reinforce circular economy and efficient waste management, improve access conditions to public transport, simplify the tax system, modernise public administration, streamline renewables permitting, establishing a National Observatory on energy poverty and one-stop-shops to aid citizens with energy efficiency interventions. The milestones and targets also confirm progress towards the completion of investment projects related to the green transition, including the production of renewable gases, innovation to support the low-carbon economy, the expansion of the Metro network in Lisbon and Porto and the decarbonisation of industry. Further investments concern the purchase of medical equipment, the construction of the East Lisbon hospital and several road projects, the delivery of dwellings to households most in need, support to the digitalisation of industry and the modernisation of training centres.

By the transmission of this positive preliminary assessment and in accordance with Article 24(4) of Regulation (EU) 2021/241, the Commission asks for the opinion of the Economic and Financial Committee on the satisfactory fulfilment of the relevant milestones and targets.

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Non-repayable support

Number and name of the Target:

1.2 Provision of access to the risk stratification instrument to support clinical governance in the functional units of health centre groups

Related Measure: C01.r01 Primary healthcare reform

Quantitative Indicator: Number

Baseline: 0

Target: 1000

Time: Q4 2023

1. Context:

The objective of the reform is to reinforce the core role of primary health care services in responding to the health needs of the population.

Target 1.2 requires that 1000 functional units of health centres have access to the information provided by the risk stratification instrument covering registered users. Access to this instrument allows health centres to intervene proactively in populations with higher clinical risk and social vulnerability.

Target 1.2 is the third and last target of the reform, and it follows the completion of target 1.3 and milestone 1.1, related to respectively the transfer of competences in the field of primary health care to the municipalities and the revision of the primary care legal regime. The reform has a final expected date for implementation in Q4 2023.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	Certificate of acceptance of works of 27 December 2023 signed by ACSS	Certificate issued according to the respective services contract, whereby <i>Administração Central do Sistema de Saúde I.P. (ACSS)</i> certifies that the <i>Serviços Partilhados do Ministério da Saúde, E.P.E. (SPMS)</i> has included in the web portal IB-SCP the information provided by the risk stratification instrument.
3	Report on the functionalities of the risk stratification instrument of 14 December 2023 annexed to the Certificate of works and signed by SMPS	Report authored by SPMS explaining how it included in the web portal IB_SCP the information provided by the risk stratification instrument and its functionalities.

	Report on the provision of access to the risk stratification instrument of 12 April 2024, authored by ACSS	Report authored by ACSS on the implementation of this target. Section 2, 4.1, and screen shots regarding the information of the risk stratification instrument in pages 13-16 were verified by COM in a virtual on-the-spot check.
4	Email from SPMS to the COM on 17 September 2024	Email sent during the Virtual On-the-Spot-Check with the list of functional units with access to the risk stratification instrument
5	Link to the website on the model of the risk stratification instrument	Website with the description of risk stratification instrument. SDM - Especificação de Estrutura de Modelo de Dados (min-saude.pt)
6	Order No. 12986/2023 of the Secretary of Health, of 19 December, published in Portugal's Official Journal ("Diário da República"), Series II of 19 December, pages 77-84). Date of entry into force: 7 December	Legal act approving the use of the risk stratification system in the national health system

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the target.

Number of functional units of health centres getting access to the information from the risk stratification instrument covering registered users.

The target requires that 1000 functional units of health centres have access to the information provided by the risk stratification instrument. On 20 December 2023, 1373 functional units of the health centres were given access to the information provided by the risk stratification instrument in the private area of the web Portal BI_CSP (Annex I to the report on provision of access to the risk stratification instrument of 12 April 2024). Under a services contract with the Central Administration of the Health System (*Administração Central do Sistema de Saúde I.P. - ACSS*), the public company *Serviços Partilhados do Ministério da Saúde, E.P.E.* (SPMS) included the information provided by the risk stratification instrument in the private area of the web portal BI-CSP, as described in report on the functionalities of the risk stratification instrument of 14 December 2023 annexed to the Acceptance of works certificate of 27 December 2023, issued in lined with the contract.

On 17 September 2024, the Commission conducted a virtual on-the-spot check and verified that 1300 functional units of health centres had access to the information provided by the risk stratification instrument covering the patients enrolled in the Portuguese health system. Although the number verified by Commission services is lower than the number provided in the report on provision of access to the risk stratification instrument, ACSS and SPMS explained in the virtual meeting that since 1 January 2024 the national health system went through a restructuring process where some functional units were merged, other eliminated and other created. Given this restructuring of the national health system the number of functional units with access to the risk stratification instrument changed between December 2023 and September 2024.

Both before and after the restructuring of the National Health Service, the number of functional units with access to the risk stratification instrument was higher than the goal of 1000 functional units.

The risk stratification instrument shall allow for proactive intervention in populations with higher clinical risk and social vulnerability, ensuring population-based screening and early diagnosis programmes across the country, as well as timely treatment and adequate follow-up of users who suffer from the most frequent diseases (cardiovascular, diabetes, cancer, respiratory, mental and osteoarticular).

The risk stratification instrument, also known as patient complexity index (*índice de complexidade do utente*), has been developed by the Central Administration of the Health System (*Administração Central do Sistema de Saúde I.P. - ACSS*) via an algorithm that attributes a weight to each patient enrolled in the Portuguese health system (the registered users). It translates into a numeric value which is directly proportioned to the patient's complexity, measured through demographic, economic, morbidity and organisational variables, as explained on the website [SDM - Especificação de Estrutura de Modelo de Dados \(min-saude.pt\)](https://www.min-saude.pt) and in section 2 of the report on provision of access to the risk stratification instrument of 12 April 2024.

As explained in the report on provision of access to the risk stratification instrument and in the report on the functionalities of the risk stratification instrument and confirmed by the virtual on-the-spot check of 17 September 2024, the information from the risk stratification instrument available to functional units allows them to check the number of users in each health unit per pathologies, clinical conditions, including chronic diseases (such as cardiovascular, diabetes, cancer, respiratory, mental, and osteoarticular) and how these numbers evolve. In this way, the risk stratification instrument ensures the screening of the population, identifies the users with more frequent diseases and therefore enables a proactive intervention in populations with higher clinical risk and social vulnerability, including timely treatment, adequate follow-up and earlier diagnosis programs.

Furthermore, in line with the description of the measure, **[t]he reform shall consist of (...) developing a risk stratification instrument to support clinical governance in the functional units of health centre groups.**

On 19 December 2023, Portugal published Order No. 12986/2023 of the Secretary of Health, which defined the strategy to use the risk stratification instrument in the national health system. According to point 1 of the Order No. 12986/2023 the risk stratification instrument shall be used in planning, financing, provision of care, evaluation of health professional and to support investigation. Order No. 12986/2023 entered into force on the date of its signature, 7 December 2023 (point 7).

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

1.40 Signature of the management contract for the construction of the East Lisbon Hospital

Related Measure: C01.i04 Construction of East Lisbon Hospital and equipment for hospitals in Lisbon and Vale do Tejo**Qualitative Indicator:** Signature of the management contract for the construction of the East Lisbon Hospital signed by the public authorities and the SPV**Time:** Q3 2023**1. Context:**

The objective of the investment is to finalise the construction of a portion of the planned East Lisbon Hospital and to purchase (i) equipment for the East Lisbon Hospital and the new hospital in Sintra and (ii) heavy medical equipment for hospitals in Lisbon and Vale do Tejo Region.

Milestone 1.40 concerns the signature of the management contract between ARSLVT and the special purpose vehicle (SPV) for the construction of the East Lisbon Hospital.

Milestone 1.40 is the first step of the implementation of the investment. It will be followed by milestone 1.26, related to construction of a portion of the East Lisbon Hospital and the purchase of equipment for hospitals in Lisbon, Sintra and the Vale do Tejo Region. The investment has a final expected date for implementation on 30 June 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	Order of the Minister for Health and the Secretary of State for the Treasury No. 10206/2022 of 19 August (published in Portugal's Official Journal <i>Diário da República</i> , No. 160/2022, second series of 19 August 2022, pages 94-95), which entered into force on 30 March 2022	This legal act delegates powers to the board of directors of the ARSLVT, within the scope of the concession contract for the East Lisbon Hospital
3	Order of the Minister for Health and the Secretary of State for the Treasury No. 1290-A/2024 of 1 February (published in Portugal's Official Journal <i>Diário da República</i> , No. 23/2024, third supplement, second series of 1 February 2024	This legal act approves the template for the management contract regarding the design, planning, construction, financing, conservation, maintenance, and operation of the East Lisbon Hospital

	pages 2-3), which entered into force on 31 January 2024	
4	Management Contract of 2 February 2024 signed by the Regional Health Administration of Lisbon and Tagus Valley I.P. (ARSLVT) and Sociedade Gestora do Edifício S.A	Management Contract establishes the rules for the design, planning, construction, financing, conservation, maintenance, and operation of the East Lisbon Hospital of the East Lisbon Hospital under a public-private partnership regime
4.1	Annex 12 of the Management Contract	Timeline for the construction of the hospital
4.1.1	Equipment Schedule: ARSLVT – East Lisbon Hospital (Annex 12)	Resources to be used monthly for the construction of the Hospital Complex
4.1.2	Labour Schedule: ARSLVT – East Lisbon Hospital (Annex 12)	Human resources needed monthly for the construction of the Hospital Complex
4.1.3	Work Plan: ARSLVT – East Lisbon Hospital (Annex 12)	Activities planned monthly for the construction of the Hospital Complex
4.2	Annex 24 of the Management Contract	Concrete terms and conditions for the disbursement of RRP Funds
4.2.1	Appendix C to Annex 24 of the Management Contract	Contract between ACSS and ARSLVT regarding the financial support of section of the Hospital Complex covered by C01.i04

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Signature of the management contract by ARSLVT and the Special Purpose Vehicle (SPV) for the construction of the East Lisbon Hospital.

Order of the Minister for Health and the Secretary of State for the Treasury No. 10206/2022 determines the delegation/sub-delegation of powers to the Regional Health Administration of Lisboa and Vale do Tejo, I.P. (ARSLVT) to carry out all the necessary actions under the concession contract for the East Lisbon Hospital (Article 1(a)) and the power to carry out all other acts and formalities necessary for completion the tender procedure (point 1(b)).

The Central Administration of the Health Service (ACSS, *Administração Central do Sistema de Saúde*) and the ARSLVT signed a contract on 21 December 2023 (Appendix C of Annex 24 of the Management Contract), outlining the provision of financial support relating to the construction of the East Lisbon Hospital. Specifically, clause 1(1) of the contract stipulates that ARSLVT, in the exercise of delegated powers, performs the functions of final beneficiary, and is thus responsible for the implementation and financial execution of the milestone. As per clause 1(3), the contract is integral part of the Management Contract.

Order of the Minister for Health and the Secretary of State for the Treasury No. 1290-A/2024 approved the Management Contract template for the design, project, construction, financing, conservation, maintenance, and operation of the East Lisbon Hospital (point 1). In addition, point 3 of Order of the

Minister for Health and the Secretary of State for the Treasury No. 1290-A/2024 determines the representation of the Portuguese State by ARSLVT for the purposes of signing the Management Contract and its annexes.

On 2 February 2024, the Management Contract for the East Lisbon Hospital was signed between the ARSLVT and the SPV, Hospital de Lisboa Oriental - Sociedade Gestora do Edifício, S.A.

The contract shall reflect the conditions relating to the scope of services (design, build, finance, infrastructure maintenance, supply and maintenance of building general equipment)...

Clauses 29 to 39 of the Management Contract establish the rules, in particular the tasks, obligations and rights of each of the Parties related to the planning, design, and construction of the Hospital Complex. In particular, clause 35(1) stipulates that the Management Entity of the Building (i.e., the SPV) is responsible for the execution of preparatory work or additional works necessary to the construction of the Hospital Complex, as well as, for the preparation, planning, coordination and control of all works of design and execution of the project, of the building and of the supply and installation of general fixed equipment. Clause 9(1) stipulates that the Management Entity of the Building (which is the position taken by the SPV) is solely responsible for obtaining the necessary funds for the implementation of all activities forming part of the subject matter of the Management Contract, in order to fulfil all obligations in the context of the contract.

According to clauses 41 to 50 of the Management Contract, preservation, maintenance, and operation of the hospital are the responsibility of the SPV. In particular, clause 44 specifies the obligations of the Managing Entity of the Building related to the maintenance activities of the Hospital Complex.

...and duration.

Clause 8(1) stipulates that the Management Contract has a 30-year duration period, starting from the effective date as defined in clause 106 (the date following the notification to the Management Entity of the Building (SPV)) of Court of Auditors' clearance). Clause 8(2) provides the conditions to extend the duration of the contract, with the total extension not exceeding 24 months (clause 8(3)). The Hospital Complex must begin operations on the first business day of the 37th month from the effective date of the Management Contract clause 39(1)).

Annex 12 of the Management Contract includes the equipment schedule, labour schedule, and work plan schedule for the construction of the East Lisbon Hospital. It details the completion dates for the Poente Tower, plot B, and plot C, which are set for 26 months after the signature of the contract, specifically April 2026.

The contract shall also include a clause specifying that new buildings shall have a primary energy demand at least 20% below the requirements of nearly zero energy buildings.

Clause 29(5) of the Management Contract specifies that the design and construction of the Hospital Complex must have a primary energy demand at least 20% lower than the requirements established in the applicable legislation for Nearly Zero Energy Buildings.

Furthermore, in line with the description of the measure, **the investment shall consist of: the construction of a portion of the East Lisbon Hospital (...)**

The signature of the management contract by ACSS and the Special Purpose Vehicle (SPV) marked the initial step towards the construction of a section of the East Lisbon Hospital, as outlined in clause 36 (page 73) of the Management Contract.

(...) namely of (i) the Poente Tower, which is one of the five towers of the main hospital building, (ii) building in plot B, which is dedicated to, among others, administrative areas, Mental Health, Physical and Rehabilitation Medicine, and (iii) building in plot C, which is dedicated to, among others, Research and Education (...)

Annex 24 of the Management Contract specifies the terms and conditions for the disbursement of RRP Funds. In particular, Appendix C to Annex 24 focuses on financing a section of the Hospital Complex under Investment RE-C01-i04 of Component 1 of the Recovery and Resilience Plan (clause 1(1)). Clause 1(2) refers to its Annex I (Investment Sheet, page 8) as an integral part of the contract, which clearly outlines the construction targets: (i) the Poente Tower, one of the five towers of the main hospital building; (ii) the building on plot B, dedicated to administrative areas, mental health, and physical and rehabilitation medicine; and (iii) the building on plot C, dedicated to research and education.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

1.41 Approval of the Report identifying NHS needs for heavy medical equipment

Related Measure: i10 NHS Technology Modernisation Programme**Qualitative Indicator:** Approval of the report**Time:** Q3 2023**1. Context:**

The objective of this investment is to improve the technology park of the national health service (NHS) through the purchase of heavy medical equipment based on a report approved by the Ministry of Health. As such, the investment contributes to the improvement of health care services.

Milestone 1.41 consists in the approval by the Ministry of Health of a report identifying the needs for heavy medical equipment of the NHS.

Milestone 1.41 is the first step of the implementation of the investment. It will be followed by target 1.42 and target 1.43, related to the purchase of the heavy medical equipment identified under milestone 1.41. The investment has a final expected date for implementation in Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including the constitutive elements) was satisfactorily fulfilled.
2	Report mapping the requirements for the purchase of new equipment and replacement of existing and operational heavy medical equipment of the National Health System hospitals, signed by the Secretary of State of Health on 29 December 2023	The report outlines the needs to purchase new heavy medical equipment and to replace existing heavy medical equipment in hospitals of the National Health Service (NHS). The report is issued by the Central Administration of the Health System (ACSS, <i>Administração Central do Sistema de Saúde</i>).
3	Aviso (Tender) No. 1/C01-i10/2024 published on 12 February 2024	Tender for the acquisition of heavy medical equipment and robotic surgical systems for Health Units of the NHS in the framework of RE-C01-i10
4	Aviso (Tender) No. 3/C01-i04/2024 published on 12 February 2024	Tender for the acquisition of heavy medical equipment and robotic surgical systems for Health Units of the NHS in the Region of Lisbon and Tagus Valley in the framework of RE-C01-i04
5	Aviso (Tender) No. 1/C01-i01/2022 published on 27 January 2022 available at https://recuperarportugal.gov.pt/wp-	Tender for the provision for all health centres of the NHS with the capacity to

	content/uploads/2022/01/OT1_CSP_i1.06_2arep_12julho2023.pdf	measure C-reactive protein (CRP) in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
6	Aviso (Tender) No. 2/C01-i01/2022 published on 27 January 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/01/AC2_CSP_i1.09_1a-rep_12julho2023.pdf	Tender to modernize equipment in health centres of the NHS in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
7	Aviso (Tender) No. 3/C01-i01/2022 published on 8 March 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/03/AC3_CSP_i1.09_1arep_12julho2023.pdf	Tender to modernize equipment in health centres of the NHS in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
8	Aviso (Tender) No. 4/C01-i01/2022 published on 6 September 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/09/OT04_i1.03_2arep_11072023.pdf	Tender to make available Holter and ABPM exams in Family Health Units and Health Units Personalized Healthcare in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
9	Aviso (Tender) No. 5/C01-i01/2022 published on 15 June 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/06/OT05_CSP_i1.05_3arep_12julho2023.pdf	Tender for the provision for all health centres with spirometers for early diagnosis and treatment of asthma, obstructive chronic lung disease and smoking in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
10	Aviso (Tender) No. 6/C01-i01/2022 published on 30 June 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/07/OT06_i1.18_1arep_11072023.pdf	Tender for the provision for health centres with equipment (emergency bag, defibrillator and blood pressure monitor vital signs) for qualified response in emergency (basic life support) in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
11	Aviso (Tender) No. 7/C01-i01/2022 published on 8 June 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/06/OT7_CSP_i104_2arep_12julho2023.pdf	Tender to expand Diabetic Foot Consultations in Health Centre Groups in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
12	Aviso (Tender) No. 8/C01-i01/2022 published on 7 July 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/07/AC8_CSP_i1.10_1arep_12julho2023.pdf	Tender for the provision of electric vehicles to support the provision of home care in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
13	Aviso (Tender) No. 9/C01-i01/2022 published on 7 July 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/07/AC8_CSP_i1.10_1arep_12julho2023.pdf	Tender to increase the number of new Mobile Units to for the coverage of inland

	content/uploads/2022/07/AC9_CSP_i1.11_2arep_12julho2023.pdf	and/or low-density regions in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
14	Aviso (Tender) No. 10/C01-i01/2022 published on 4 August 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/08/AC10_CSP_i1.15_1orep_12julho2023.pdf	Tender to create dental care cabinets in health centres in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
15	Aviso (Tender) No. 11/C01-i01/2022 published on 7 July 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/07/AC11_Construcoes_8aRepub_20240308.pdf	Tender to build new health units/poles, with primary energy needs at least 20% lower than the NZEB standard, to replace unsuitable buildings (1 st phase) in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
16	Aviso (Tender) No. 12/C01-i01/2022 published on 7 July 2022 available at https://recuperarportugal.gov.pt/wp-content/uploads/2022/07/AC12_Requalificacoes_8aRepub_20240308.pdf	Tender to requalify or adapt buildings to increase energy efficiency, fulfil energy plans contingency and/or ensure accessibility, safety and comfort of users and professionals (1 st phase) in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
17	Aviso (Tender) No. 13/C01-i01/2023 published on 16 June 2023 available at https://recuperarportugal.gov.pt/wp-content/uploads/2023/06/AC13_Construcoes_2aFase_3aRepub_20240308.pdf	Tender to build new health units/poles, with primary energy needs at least 20% lower than the NZEB standard, to replace unsuitable buildings (2 nd phase) in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
18	Aviso (Tender) No. 14/C01-i01/2023 published on 16 June 2023 available at https://recuperarportugal.gov.pt/wp-content/uploads/2024/05/AC14_Requalificacoes_2aFase_4aRepub.pdf	Tender to requalify or adapt buildings to increase energy efficiency, fulfil energy plans contingency and/or ensure accessibility, safety and comfort of users and professionals (2 nd phase) in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
19	Aviso (Tender) No. 16/C01-i01/2023 published on 24 November 2023 available at https://recuperarportugal.gov.pt/wp-content/uploads/2024/05/AC16_Requalificacoes_3afase_6aRep_1.pdf	Tender to requalify or adapt buildings to increase energy efficiency, fulfil energy plans contingency and/or ensure accessibility, safety and comfort of users and professionals (3 rd phase) in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.

20	Aviso (Tender) No. 17/C01-i01/2023 published on 24 November 2023 available at https://recuperarportugal.gov.pt/wp-content/uploads/2024/05/AC17_Construcoes_3a-fase_7aRep.pdf	Tender to build new health units/poles, with primary energy needs at least 20% lower than the NZEB standard, to replace unsuitable buildings (3 rd phase) in the framework of RE-C01-i01. Commission services consulted the document online on 12 September 2024.
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3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Approval of the report by the Ministry of Health [...]

On 29 November 2023, the Central Administration of the Health System (ACSS) has published a report named “Mapping the requirements for the purchase of new equipment and of replacement of existing and operational heavy medical equipment of the National Health Service (SNS) hospitals”. On 29 December 2023, the report was updated and approved by the Secretary of State for Health.

[...] that identifies National Health Service Hospitals’ needs for heavy medical equipment. This report shall identify both the need to purchase this type of equipment for the first time and the need to replace existing heavy medical equipment.

Section II – Methodology of the analysis (pages 4-6 of the report) describes the methodology used by the ACSS to identify the heavy medical equipment (i) to be purchased for the first time and (ii) to be replaced.

Section IV – Identification of replacement needs of heavy medical equipment (pages 14-23 of the report) identifies the needs to replace equipment until 2030, by type of equipment:

- Linear accelerators (pages 16-17);
- Gamma cameras (pages 17-18);
- Positron emission tomography scanners (pages 18);
- Gamma knife (page 19);
- Magnetic resonance imaging systems (pages 19-20);
- Computed tomography scanners (pages 21-22); and
- Surgical robots (page 22).

Section V – Identification of needs for new equipment (pages 24-33 of the report) identifies the needs to purchase new equipment, by the type of care provided:

- Nuclear medicine (pages 24-25), focussing on the need for gamma cameras and positron emission tomography scanners;
- Radio-oncology (pages 25-26), focussing on the need for linear accelerators; and
- Radiology and neuro-radiology (pages 27-31), focussing on the need for computed tomography scanners, magnetic resonance imaging systems and angiography systems.

Section V of the report also includes a sub-section on surgical robots (pages 32-33).

Furthermore, in line with the description of the measure, the report approved by the Ministry of Health identifies **the equipment needs of these hospitals, within the following categories: angiography**

systems, single photon emission computed tomography scanners, positron emission tomography scanners, magnetic resonance imaging systems, computed tomography scanners, linear accelerators, and surgical robots. As explained above and considering that single photon emission computed tomography scanners are also gamma cameras, the report covers the different categories of heavy medical equipment.

In addition, in line with the description of the measure, **the hospitals of the NHS and the NHS primary health care units that receive funding under investments RE-C01-i04 and RE-C01-i01 respectively shall be excluded from this investment.** Different tenders have been published for investments RE-C01-i04, RE-C01-i01 and RE-C01-i10, specifying in section 2 the final beneficiaries covered under each.

Investment	Final beneficiary	Tender	Location
C01-i01	Unidade Local de Saúde do Norte Alentejano, E.P.E.	01/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, E.P.E.	01/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, E.P.E.	01/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Baixo Alentejo, E.P.E.	01/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, E.P.E.	01/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, E.P.E.	02/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, E.P.E.	02/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, E.P.E.	02/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, E.P.E.	02/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Baixo Alentejo, E.P.E.	02/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Baixo Alentejo, E.P.E.	03/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Matosinhos, E.P.E.	03/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Nordeste, E.P.E.	03/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Alto Minho, E.P.E.	03/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, E.P.E.	03/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	04/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Nordeste, EPE	04/C01-i01/2022	Unidades do Cuidados de Saúde Primários

C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	04/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	04/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Alto Minho, EPE	04/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Matosinhos, EPE	04/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, EPE	04/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	04/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	05/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Nordeste, EPE	05/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	05/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	05/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Alto Minho, EPE	05/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Matosinhos, EPE	05/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, EPE	05/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	05/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	06/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Nordeste, EPE	06/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	06/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	06/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Alto Minho, EPE	06/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Matosinhos, EPE	06/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, EPE	06/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	06/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	07/C01-i01/2022	Unidades dos Cuidados de Saúde Primários

C01-i01	Unidade Local de Saúde do Nordeste, EPE	07/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	07/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	07/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Alto Minho, EPE	07/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Matosinhos, EPE	07/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, EPE	07/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	07/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	08/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Nordeste, EPE	08/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	08/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	08/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Alto Minho, EPE	08/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Matosinhos, EPE	08/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, EPE	08/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	08/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, EPE	09/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	09/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	09/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	09/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	09/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, EPE	10/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	10/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	10/C01-i01/2022	Unidades dos Cuidados de Saúde Primários

C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	10/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	10/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Alto Minho, EPE	10/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Matosinhos, EPE	10/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Matosinhos, EPE	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Nordeste, EPE	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, IP	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Alentejo, IP	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Algarve, IP	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Centro, IP	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Lisboa e Vale do Tejo, IP	11/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	12/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Nordeste, EPE	12/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	12/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	12/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Alto Minho, EPE	12/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde Matosinhos, EPE	12/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde de Castelo Branco, EPE	12/C01-i01/2022	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	12/C01-i01/2022	Unidades dos Cuidados de Saúde Primários

C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	13/C01-i01/2023	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Baixo Alentejo, EPE	14/C01-i01/2023	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Castelo Branco, EPE	14/C01-i01/2023	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Guarda, EPE	14/C01-i01/2023	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	16/C01-i01/2023	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde da Lezíria, EPE	16/C01-i01/2023	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Nordeste, EPE	16/C01-i01/2023	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Litoral Alentejano, EPE	17/C01-i01/2023	Unidades dos Cuidados de Saúde Primários
C01-i01	Unidade Local de Saúde do Norte Alentejano, EPE	17/C01-i01/2023	Unidades dos Cuidados de Saúde Primários
C01-i04	Unidade Local de Saúde do Arco Ribeirinho, E.P.E.	03/C01-i04/2024	Hospital de Nossa Senhora do Rosário
C01-i04	Unidade Local de Saúde de Lisboa Ocidental, E.P.E.	03/C01-i04/2024	Hospital São Francisco Xavier
C01-i04	Unidade Local de Saúde de São José	03/C01-i04/2024	Hospital de São José
C01-i04	Instituto Português de Oncologia de Lisboa Francisco Gentil, EPE	03/C01-i04/2024	IPO de Lisboa
C01-i04	Unidade Local de Saúde Almada-Seixal	03/C01-i04/2024	Hospital Garcia de Orta
C01-i04	Unidade Local de Saúde Santa Maria	03/C01-i04/2024	Hospital de Santa Maria
C01-i04	Unidade Local de Saúde da Arrábida	03/C01-i04/2024	Hospital de São Bernardo
C01-i10	Unidade Local de Saúde da Região de Leiria, E.P.E.	01/C01-i10/2024	Hospital de Santo André
C01-i10	Instituto Português de Oncologia do Porto Francisco Gentil, EPE	01/C01-i10/2024	IPO Porto
C01-i10	Unidade Local de Saúde do Alentejo Central, E.P.E.	01/C01-i10/2024	Hospital do Espírito Santo de Évora
C01-i10	Unidade Local de Saúde de São João, E.P.E	01/C01-i10/2024	Hospital de São João
C01-i10	Unidade Local de Saúde de Coimbra	01/C01-i10/2024	Hospitais da Universidade de Coimbra
C01-i10	Unidade Local de Saúde do Alto Ave, E.P.E.	01/C01-i10/2024	Hospital da Senhora de Oliveira Guimarães

C01-i10	Unidade Local de Saúde da Região de Aveiro, EPE	01/C01-i10/2024	Hospital Infante D. Pedro.
C01-i10	Instituto Português de Oncologia de Coimbra Francisco Gentil, EPE	01/C01-i10/2024	IPO Coimbra
C01-i10	Unidade Local de Saúde de Trás-os-Montes e Alto Douro, EPE	01/C01-i10/2024	Hospital de Vila Real
C01-i10	Unidade Local de Saúde de Braga, E. P. E.	01/C01-i10/2024	Hospital de Braga
C01-i10	Unidade Local de Saúde de Viseu Dão-Lafões, E.P.E	01/C01-i10/2024	Hospital de São Teotónio
C01-i10	Unidade Local de Saúde do Alto Minho, E.P.E.	01/C01-i10/2024	Hospital de Santa Luzia
C01-i10	Unidade Local de Saúde do Algarve, EPE	01/C01-i10/2024	Hospital de Faro
C01-i10	Unidade Local de Saúde de Matosinhos, E.P.E.	01/C01-i10/2024	Hospital Pedro Hispano
C01-i10	Unidade Local de Saúde de Amadora /Sintra, E.P.E.	01/C01-i10/2024	Hospital Prof. Doutor Fernando Fonseca
C01-i10	Unidade Local de Saúde do Médio Ave, E.P.E.	01/C01-i10/2024	Hospital de Famalicão
C01-i10	Unidade Local de Saúde do Litoral Alentejano, E.P.E.	01/C01-i10/2024	Hospital do Litoral Alentejano
C01-i10	Unidade Local de Saúde do Norte Alentejano, E.P.E.	01/C01-i10/2024	Hospital Dr. José Maria Grande
C01-i10	Unidade Local de Saúde de Loures-Odivelas, EPE	01/C01-i10/2024	Hospital Beatriz Ângelo
C01-i10	Unidade Local de Saúde da Lezíria	01/C01-i10/2024	Hospital Distrital de Santarém
C01-i10	Unidade Local de Saúde de Santo António, E.P.E.	01/C01-i10/2024	Hospital de Santo António
C01-i10	Unidade Local de Saúde de Gaia/Espinho, EPE	01/C01-i10/2024	Hospital de Vila Nova de Gaia

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

2.2 Support programme for access to housing – Purchased, constructed (high energy efficiency) or rehabilitated dwellings provided to households

Related Measure: C02.i01 Support Programme for Access to Housing

Quantitative Indicator: Number

Baseline: 0

Target: 1500

Time: Q3 2023

1. Context:

The objective of the measure is to provide decent and adequate housing for families with the greatest needs through construction, renovation, acquisition or lease for sublease of buildings.

Target 2.2 is about the delivery of 1500 dwellings to eligible households of the programme. Target 2.2 is the second target of the investment, and it follows the completion of target 2.1, related to the signature of collaborative funding agreements between the implementing bodies. It will be followed by target 2.29 and target 2.3, related to delivery of dwellings to a total of 22 360 households. The investment has a final expected date for implementation in Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	List of dwellings	Information on the relevant evidence for each dwelling, identifying the type of intervention. This list was used for the selection of the sample.
3	New social housing lease contracts between municipality and tenant for constructions, purchased buildings and renovations signed between 1 August 2020 and 1 January 2024	In the context of the sampling analysis, supporting documents were provided for the list of 60 dwellings for further verification of the target. The types of documents varied by type of intervention. Social housing lease contracts between municipality and tenant were provided for 48 dwellings selected in the sample. Contracts between the municipality providing the accommodation to an eligible household and the tenant, proving that the dwelling has been delivered to the tenant.
4	Existing social housing lease contracts between municipality and tenant for renovated	In the context of the sampling analysis, supporting documents were provided for the list of 60 dwellings

	<p>dwelling that were already providing social housing but where the contract that was signed before the renovation is still in effect, signed between April 1995 and 01 June 2018</p>	<p>for further verification of the target. The types of documents varied by type of intervention.</p> <p>Social housing lease contracts between municipality and tenant of pre-existing social housing for 12 dwellings selected in the sample were provided. The contracts prove that the eligible household was under a social housing lease contract before the renovation took place under the programme.</p>
5	<p>Certificate of works finalised (Autos de receção) for constructions and renovations signed between 7 April 2020 and 18 June 2024</p>	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 dwellings for further verification of the target. The types of documents varied by type of intervention.</p> <p>Certificate of works finalised for the for constructions and renovations for 57 dwellings selected in the sample were provided. The certificates of works finalised were signed by the contractor and the municipality, showing that the contractor completed the construction or renovation works.</p>
6	<p>Declaration by municipalities for works completed for constructions and renovations signed between 23 August 2024 and 4 September 2024</p>	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 dwellings for further verification of the target. The types of documents varied by type of intervention.</p> <p>Declarations by municipalities for works completed finalised for constructions and renovations for 37 dwellings selected in the sample were submitted. These declarations show that the works have been completed by making the link between the certificate of works finalised and the final addresses.</p>
7	<p>Declaration by municipalities for household eligibility and continuity for renovations of existing social housing dwelling signed between 23 August 2024 and 9 September 2024</p>	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 dwellings for further verification of the target. The types of documents varied by type of intervention.</p> <p>Declarations by municipalities for household eligibility and continuity for renovations of existing social housing dwelling for 12 dwellings selected in the sample were provided These declarations by municipalities for household eligibility and continuity show that the beneficiary is still living in the dwelling that have been selected under the programme after the renovation works have been completed.</p>

8	Public deeds for purchased dwellings signed between 28 July 2020 and 17 August 2023	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 dwellings for further verification of the target. The types of documents varied by type of intervention.</p> <p>Public deeds for acquisitions for 10 dwellings selected in the sample were provided. The public deeds of purchase between private individuals and the municipality show that the new owner is the municipality</p>
9	Co-participation contracts between the municipality and the Housing and Urban Rehabilitation Institute (IHRU) for all except renovations of pre-existing social housing, signed between 29 of December 2021 and 21 February 2024	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 dwellings for further verification of the target. The types of documents varied by type of intervention.</p> <p>Co-participation contracts between the municipality and the Housing and Urban Rehabilitation Institute (IHRU) from the 48 dwellings selected in the sample were provided. These are financial agreements detailing the funding of the project signed by the Housing and Urban Rehabilitation Institute and the corresponding municipality. showing that the addresses receiving support are part of the programme.</p>
10	Certificate of title issued by the fiscal authorities for newly constructed dwellings (Caderneta predial urbana) signed on 24 April 2024	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 dwellings for further verification of the target. The types of documents varied by type of intervention.</p> <p>Certificate of title issued by the fiscal authorities were provided for two dwellings selected in the sample. These are legal documents issued by the fiscal authorities that identify the owner of the property (building, apartments, houses) as well as the main characteristics of the property such as the address. This was used to provide further details on the address of a newly constructed dwelling to match across the different pieces of evidence.</p>

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the target.

Number of dwellings delivered to eligible households of the programme.

Furthermore, in line with the description of the measure, **the investments shall consist of the construction of new buildings or the renovation of existing dwellings, as well as the acquisition of buildings or the lease of buildings to sublease.**

The target requires the delivery of 1500 dwellings to eligible households. Decree Law No. 37/2018 established the programme ('1.º Direito') under which this investment is implemented and defines its eligibility criteria in chapters II to VI. It outlines that municipalities define their housing needs and priorities that are submitted to the Housing and Urban Rehabilitation Institute (IHRU). IHRU acts as the implementing body assessing projects and granting support via financial agreements with the beneficiaries, which are in many cases the municipalities themselves. Forms of support to households under the scheme can either be: (i) the provision of new social housing, (ii) the improvement of conditions via renovations in existing social housing, or (iii) the assistance to vulnerable households to guarantee the adequacy of their own housing.

The list of dwellings details that 1524 dwellings have been delivered to eligible households (above the qualitative indicator of 1500).

The 1524 dwellings include according to the list of dwellings:

- 284 newly constructed dwellings for social housing;
- 205 purchased dwellings for social housing;
- 1029 renovated dwellings subdivided into:
 - 736 renovated dwellings that are new social housing stock;
 - 293 renovated dwellings that were already providing social housing
- 6 dwellings in the form of a public social housing sub-lease;

The evidence provided for a sample of 60 dwellings shows that the requirements were met. Specifically:

For 12 newly constructed dwellings:

- i) New social housing lease contracts between municipality and tenant signed by both parties show that the sampled dwellings have been delivered to the tenant.
- ii) Co-participation contracts between municipality and IHRU show that the sampled dwellings are part of the 1º Direito programme and were therefore provided to eligible households of the programme.
- iii) Certificates of works completed show that construction works have been completed.
- iv) When the certificate of works completed do not include the full address of the sampled dwelling, these were cross-checked with declarations by the municipality for works completed that show that the certificate of works completed refers to the finalisation of works of the sampled address.
- v) For cases when further details on individual addresses were required to complete the cross-check of the address, Portugal provided a certificate of title.

For 7 purchased dwellings:

- i) New social housing lease contracts between municipality and tenant signed by both parties show that the sampled dwellings have been delivered to the tenant.

- ii) Purchase contracts for acquisitions show that the sampled dwellings have been purchased by the municipality.
- iii) Co-participation contracts between municipality and IHRU show that the sampled dwellings are part of the 1^o Direito programme and were therefore provided to eligible households of the programme.

For 41 renovated dwellings:

- a) In case of renovated dwellings that are new social housing stock or renovated dwellings that were already providing social housing but where a new contract was signed after the renovation (29 dwellings):
 - i) New social housing lease contracts between municipality and tenant signed by both parties show that the sampled dwellings have been delivered to the tenant.
 - ii) Co-participation contracts between municipality and IHRU show that the sampled dwellings are part of the 1^o Direito programme and were therefore provided to eligible households of the programme.
 - iii) Certificates of works completed show that renovation works have been completed.
 - iv) When the certificates of works completed do not include the full address of the sampled dwelling, these were cross-checked with declarations by the municipality for works completed that show that the certificate of works completed refers to the finalisation of works of the sampled address.
- b) In case of renovated dwellings that were already providing social housing but where the contract that was signed before the renovation is still in effect (12 dwellings):
 - i) Existing social housing lease contracts between municipality and tenant signed by both parties show that the tenant was living at the sampled address before the renovation took place under the programme.
 - ii) Declarations by municipalities attest that the tenants covered under the previous point continue living at the sampled address under social housing conditions, proving that the sampled dwellings have been delivered to the tenant.
 - iii) Declarations by municipalities also show that the sampled address is selected under the 1^o Direito programme.
 - iv) Certificate of works completed show that renovation works have been completed.
 - v) When the certificates of works completed do not include the full address of the sampled dwelling, these were cross-checked with declarations by the municipality for works completed that show that the certificate of works completed refers to the finalisation of works of the sampled address.

For dwellings provided via sub-lease:

No dwellings from this category were in the randomly generated sample.

The documents provided for the sampling exercise by Portugal proved that the 60 sampled dwellings have been built, renovated or purchased and delivered to eligible households of the programme.

New buildings or those purchased without rehabilitation shall have a primary energy demand at least 20% below the requirements of nearly zero energy buildings (except for up to 1502 dwellings for the entire measure).

The target description provides that for new buildings or those purchased without rehabilitation, 1502 dwellings for the entire measure are exempted to comply with the primary energy demand requirement to be at least 20% below the requirements of nearly zero energy buildings. For target 2.2, 489 dwellings

fall under the exception to comply with a primary energy demand of at least 20% below the requirements of nearly zero energy buildings. The exceptions comprise all of the new constructions (284) indicated as 'exceptions' in column S of the list of dwellings) and all dwellings purchased without renovation (205).

Furthermore, in line with the description of the measure, **the investment shall consist of providing mainly social housing accommodation, but also providing financial support for renovation or construction to the identified target groups that do not have the financial capacity to guarantee the adequacy of their own housing, for at least 26 000 households by 2026.**

Of the 1,524 dwellings delivered and reported towards this target, all are classified as social housing. The successful sampling exercise has confirmed the accuracy of this classification (through the new social housing lease contracts or the existing social housing lease contracts). Therefore, no dwellings involving financial support for the target groups have been reported under this target yet.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

2.6 National emergency and temporary accommodation grant - Accommodations with works started or purchased

Related Measure: C02.i02 National Emergency and Temporary Accommodation Grant

Quantitative Indicator: Number

Baseline: 0

Target: 41

Time: Q3 2023

1. Context:

The aim of the measure is to provide temporary or emergency accommodation to people experiencing emergency situations.

Target 2.6 verifies that construction works for some projects have commenced.

Target 2.6 is the second target of the investment, and it follows the completion of target 2.4 related to the signature of funding agreements for emergency and temporary accommodation. It will be followed by target 2.5, target 2.7 and target 2.8, related to the signature of additional funding agreements for emergency and temporary accommodations as well as their completion along with the completion of temporary accommodation for security forces. The investment has a final expected date for implementation in Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	27 Declarations by the contractor signed between 16 October 2023 and 26 June 2024	Declarations signed by the contractors declaring that works have started with reference to the contract number and the consignment form. This document also links the address to the measure.
		3 Declarations by the contractor for Constructions
		2 Declarations for Acquisitions with rehabilitation
		22 Declarations by the contractor for rehabilitation
3	27 Consignment forms (Autos de consignação) dated between 02 March 2023 and 19 February 2024	Consignment forms (<i>Autos de consignação</i>) signed by the contractor and the beneficiary, which can be a municipality or a private entity supported by the programme, showing that the contractor performing the

		works were given access to the works location and the execution of the works can proceed.
		3 Consignment forms for Construction
		2 Consignment forms for Acquisitions with rehabilitation
		22 Consignment forms for rehabilitation
4	20 Public deeds for purchase of buildings dated between 20 July 2022 and 27 December 2023	The deed of building purchase between the former owners and the municipality or the private entity that is being supported by the programme.
5	16 Funding agreements between the municipalities or private entities and the Housing and Urban Rehabilitation Institute dated between 13 October 2022 and 22 December 2023	Funding agreements between the municipalities or private entities and the Housing and Urban Rehabilitation Institute (IHRU) agreeing on the projects selected, outlining what the project will consist of in case of purchased buildings.

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the target.

Number of projects [selected as part of the measure] for which construction or renovation works started or for which buildings have been purchased.

The target requires 41 projects for which either construction or renovation works have started or buildings have been purchased.

Evidence was provided for 41 projects:

- 14 projects involving the purchase of buildings: The respective public deeds for purchase of buildings prove the purchase by the municipality or private entities that are supported by the programme. The funding agreements between municipalities or private entities and the Housing and Urban Rehabilitation Institute show that the project was selected as part of the measure.
- Two projects involving building acquisitions followed by renovation works: The respective public deeds for purchase of buildings prove the purchase, by the entities being supported by the programme (municipalities or private entities). The consignment forms and the declarations by the contractor show that works have started. The funding agreements between municipalities or private entities and the Housing and Urban Rehabilitation Institute show that the projects were selected as part of the measure.
- Three projects involving constructions: The respective consignment forms signed by the contractors and by the entities being supported by the programme (municipalities or private entities) together with the declarations by the contractors show that works have started and have been selected as part of the measure.

- 22 projects involving renovations. The respective consignment forms signed by the contractors and by the entities being supported by the programme (municipalities or private entities) and the declarations by the contractor show that works have started and have been selected as part of the.

Links across the above documents were ensured through matching either the project number, the address, the contract number or the mention of the measure name.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

2.16 Interventions in the public housing stock of the Autonomous Region of Azores – renovation

Related Measure: C02.i04-RAA Increasing housing conditions in the housing stock of the Autonomous Region of the Azores

Quantitative Indicator: Number

Baseline: 40

Target: 101

Time: Q4 2023

1. Context:

The measure aims to increase and improve the supply of the housing market on the various islands of the Autonomous Region of Azores through construction and rehabilitation of buildings.

The target includes renovations of public buildings, financial support for the reconversion of degraded social buildings, and the conversion of non-residential buildings into housing.

Target 2.16 is the second target of the investment, and it follows target 2.13 and target 2.14 related to interventions in the public housing stock of the Autonomous Region of Azores. Target 2.16 is followed by target 2.17 and target 2.18, related to the finalisation of construction and renovations. The investment has a final expected date for implementation in Q4 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	61 certificates of completion of works (Autos de receção) dated between 17 July 2022 and 13 June 2024	Certificates of completion of works (Autos de receção) signed by the contractor and the municipality, showing that the works have been completed
3	61 certificates of title issued by the fiscal authorities (Caderneta predial urbana) dated between 11 January 2024 and 27 September 2024	Legal document issued by the fiscal authorities that identifies the owner of the real estate property (building, apartments, houses) as well as the main characteristics of the property such as the respective area.
4	61 Energy efficiency certificates before interventions 30 August 2021 and 28 September 2022	Energy efficiency certificates reflecting the dwelling's energy performance before renovation works, issued by the Regional Directorate of Energy of the Azores
5	61 Energy efficiency certificates after interventions	Energy efficiency certificates reflecting the dwelling's energy performance after the

	dated between 6 November 2023 and 7 June 2024	renovation works were completed, issued by the Regional Directorate of Energy of the Azores
6	Calculation tool for medium depth renovation	A calculation tool collecting all the information from the energy efficiency certificates and calculating the depth of energy efficiency renovations per dwelling and the weighted average of all dwellings according to their dimensions in square meters. Commission services have replicated the calculations and arrived at the same result.
7	6 Declarations by municipalities for clarification on addresses	Signed declaration by municipalities in cases in which street names have been modified or addresses have been reported under different names because of adjacent streets.
8	List of projects from 02/07/2024	Information on the relevant evidence for each project, identifying the type of intervention.

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the target.

The investment includes the renovation or finalisation of public buildings and apartments with works finalised. The interventions may include:

- the conversion of non-residential public buildings into housing,
- Financial support for the reconversion of degraded social buildings
- Renovation of public housing

The target requires 61 completed interventions.

- i) All 61 interventions for which Portuguese authorities provided evidence consist in the renovation of public housing as shown by the energy efficiency certificates before the interventions and the energy efficiency certificates after the interventions.
- ii) The 61 energy efficiency certificates before the interventions and the 61 energy efficiency certificates after the interventions prove that the renovation works have been completed.
- iii) In addition, the 61 certificates of completion of works (Autos de receção) provide complementary assurance that renovation works have been completed.
- iv) The 61 certificates of title issued by the fiscal authorities show that the buildings and apartments are publicly owned.
- v) For 6 cases when the address has been reported under a different name than what is in the certificates of completion of works, a declaration by municipalities for clarification on addresses proves the link between the new and old addresses.

This achieves a total of 101 interventions completed under measure C02i04.

Energy efficiency renovations shall achieve, on average, at least a medium-depth level renovation as defined in Commission Recommendation on Building Renovation (EU) 2019/786

Energy efficiency renovations achieved on average a 39% in primary energy savings, weighted by the area of the dwellings, as proven by the calculation tool for medium depth renovation. This tool was provided by Portuguese authorities and was checked by the European Commission, arriving at the same result. According to Commission Recommendation on Building Renovation (EU) 2019/786, medium depth renovations are defined as those with primary energy savings above 30%. The energy savings of each individual dwelling is calculated in column AB of the calculation tool for medium depth renovation, which compiles input from the energy efficiency certificates before interventions and energy efficiency certificates after interventions provided for each dwelling and the certificate of title for the size of the dwelling in square metres.

The dwelling concerned have an average size of around 100 square meters.

The certificates of title identify the area of each building and apartment. The average size of the 61 buildings and apartments is 98.85 square metres. If the average size is accumulated with the buildings and apartments of target 2.14, the average size is 100.64 square metres.

Furthermore, in line with the description of the measure, **the investment shall consist, across various islands, of: - the construction of 100 buildings - the finalisation of 75 apartments; and - the rehabilitation of buildings (deep renovation for 63 buildings, medium renovation of 329 buildings and small intervention in 135 buildings) for a total of 527 interventions.**

At this stage, taking into account dwellings verified under target 2.14 and 2.16, there have been interventions in 101 buildings. These interventions have been all renovations of public housing. According to Commission Recommendation on Building Renovation (EU) 2019/786, renovation depths are defined on the basis of primary energy savings as follows:

- light (small) (less than 30 %);
- medium (between 30 % and 60 %);
- deep (over 60 %)

The energy savings from each individual intervention are reflected in column AC of the calculation tool for medium depth renovation, based on the energy efficiency certificates before interventions and energy efficiency certificates after interventions. The 101 interventions have been classified as follows:

- 17 light renovations (small interventions)
- 70 medium renovations
- 13 deep renovations

As indicated in the context section, Target 2.16 is followed by target 2.17 and target 2.18, related to the finalisation of construction and renovations.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

4.7 Contracts signed for the rehabilitation and conservation of cultural heritage buildings and national theatres

Related Measure: C04.i02 Cultural Heritage

Quantitative Indicator: Number

Baseline: 0

Target: 49

Time: Q3 2023

1. Context:

The objective of this measure is to renovate cultural heritage buildings. The measure consists of several interventions, namely the creation of a repository of information on artisanal production, the installation of laboratories and routes of the *Saber Fazer* initiative, the creation of activities, the construction of the National Archive of Sound and the completion of renovation works in museums, monuments, state palaces and national theatres.

Target 4.7 requires contracts signed for the rehabilitation and conservation of 49 cultural heritage buildings and national theatres and belongs to the last intervention mentioned above.

T4.7 is the second target of the investment. It will be followed by target 4.8, relating to the completion of works for the rehabilitation and conservation of 75 cultural heritage buildings and national theatres, milestone 4.11, relating to the installation of laboratories and routes of the *Saber Fazer* initiative, and milestone 4.12, relating to the construction the National Archive of Sound. The investment has a final expected date for implementation in Q1 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Document duly justifying how the target (including the constitutive elements) was satisfactorily fulfilled.
2	Contracts signed by the Fund for the Safeguarding of Cultural Heritage (FSPC) and the entities responsible for 49 museums, monuments, state palaces and national theatres.	Contract with the “Associação Turismo de Lisboa, Visitors and Convention Bureau”, signed on 6 April 2022. This contract concerns the financing of the requalification works of the following cultural heritage buildings : <i>Torre de Belém, Panteão Nacional - Igreja de St.ª Engrácia, Palácio Nacional da Ajuda, Museu Nacional dos Coches - Picadeiro Real, Museu Nacional dos Coches – Novo, Museu Nacional do Traje, Museu Nacional do Teatro e da Dança, Museu Nacional do Azulejo, Museu Nacional de Etnologia, Museu Nacional de Arte Contemporânea do Chiado, Museu Nacional de Arte Antiga, Museu Nacional de Arqueologia, Museu de</i>

	<p><i>Arte Popular, Mosteiro dos Jerónimos, Casa Museu Anastácio Gonçalves.</i></p>
	<p>Contract with the “Município da Batalha”, signed on 7 March 2022. This contract concerns the financing of the requalification works of the <i>Mosteiro da Batalha</i>.</p>
	<p>Contract with the “Município de Alcobaça”, signed on 7 March 2022. This contract concerns the financing of the requalification works of the <i>Mosteiro de Alcobaça</i>.</p>
	<p>Contract with the “Município de Braga”, signed on 14 March 2022. This contract concerns the financing of the requalification works of the following cultural heritage buildings: <i>Museu dos Biscaínhos, Museu de Arqueologia D. Diogo de Sousa, Mosteiro de São Martinho de Tibães</i>.</p>
	<p>Contract with the “Município de Bragança”, signed on 10 March 2022. This contract concerns the financing of the requalification works of the following cultural heritage buildings: <i>Museu do Abade de Baçal, and Domus Municipalis - Bragança</i>.</p>
	<p>Contract with the “Município de Coimbra”, signed on 7 March 2022. This contract concerns the financing of the requalification works of the following cultural heritage buildings: <i>Mosteiro de Santa Clara-a-Velha, Museu Nacional Machado de Castro</i>.</p>
	<p>Contract with the “Município de Condeixa-a-Nova”, signed on 24 March 2022. This contract concerns the financing of the requalification works of the <i>Museu Monográfico de Conímbriga</i>.</p>
	<p>Contract with the “Município de Lamego”, signed on 9 March 2022. This contract concerns the financing of the requalification works of the <i>Museu de Lamego</i>.</p>
	<p>Contract with the “Município de Mafra”, signed on 6 March 2022. This contract concerns the financing of the requalification works of the following cultural heritage buildings: <i>Palácio Nacional de Mafra, and Museu Nacional Música – PNM</i>.</p>
	<p>Contract with the “Direção Regional de Cultura do Alentejo”, signed on 14 March 2022. This contract concerns the financing of the requalification works of the following cultural heritage buildings: <i>Sítio Arqueológico de São Cucufate, and Museu Regional de Beja</i>.</p>
	<p>Contract with the “Direção Regional de Cultura do Algarve”, signed on 7 March 2022. This contract concerns the financing of the requalification works of the following cultural heritage buildings: <i>Ruínas de Milreu, Fortaleza de Sagres, and Ermida de Nossa Senhora de Guadalupe</i>.</p>

	Contract with the “Direção Regional de Cultura do Centro”, signed on 4 March 2022. This contract concerns the financing of the requalification works of <i>Museu José Malhoa</i> .
	Contract with the “Direção Regional de Cultura do Norte”, signed on 7 February 2022. This contract concerns the financing of the requalification works of the following cultural heritage buildings: <i>Museu José Malhoa, Museu de Alberto Sampaio, Igreja de São Miguel, Paço dos Duques de Bragança, Concatedral de Miranda do Douro, and Castelo de Guimarães</i> .
	Contract with the “Direção-Geral do Património Cultural”, signed on 7 February 2022. This contract concerns the financing of the requalification works of the following cultural heritage buildings: <i>Museu Nacional Soares dos Reis, Museu Nacional Grão Vasco, Museu Nacional Frei Manuel do Cenáculo (Évora), LARC - Laboratório de Arqueociências, Laboratorio José de Figueiredo, Forte de Sacavém, and Convento de Cristo</i> .
	Contract with the “OPART – Organismo de Produção Artística, E.P.E.”, signed on 3 February 2022. This contract concerns the financing of the requalification works of the following theatres: <i>Teatro Nacional de São Carlos, and Teatro Camões</i> .
	Contract with the “Teatro Nacional D. Maria II, E.P.E.”, signed on 2 February 2022. This contract concerns the financing of the requalification works of the <i>Teatro Nacional D. Maria II</i> .

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the target.

Number of cultural sites for which contracts are signed for the rehabilitation and conservation of museums, monuments, state palaces and national theatres.

A total of 16 contracts were concluded between the Fund for the Safeguarding Cultural Heritage (FSPC) and the relevant entities to finance the rehabilitation and conservation of 49 cultural sites (museums, monuments, state palaces and national theatres). The contracts:

- specify that the financing shall be used for the rehabilitation and conservation of cultural sites (clause 1(1));
- identify the site, which is either a museum, monument, state place or a national theatre (clause 1(2)); and
- determine the rehabilitation and conservation works to be carried out, including all technical specifications (Annex).

As shown in the table below, 10 entities are responsible for more than one site.

	Name of cultural site	Type	Responsible entity	Works and technical specifications	Signature date
	Torre de Belém	Monument	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex XVII	06/04/2022
	Panteão Nacional - Igreja de St. ^a Engrácia	Monument	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex XVI	06/04/2022
	Palácio Nacional da Ajuda	State palace	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex XVIII	06/04/2022
	Museu Nacional dos Coches - Picadeiro Real	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex XV	06/04/2022
	Museu Nacional dos Coches - Novo	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex XIV	06/04/2022
	Museu Nacional do Traje	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex XIII	06/04/2022
	Museu Nacional do Teatro e da Dança	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex XII	06/04/2022
	Museu Nacional do Azulejo	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex XI	06/04/2022
	Museu Nacional de Etnologia	Museum	Associação Turismo de Lisboa, Visitors	Clause 1 and Annex X	06/04/2022

			and Convention Bureau		
	Museu Nacional de Arte Contemporânea do Chiado	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex IX	06/04/2022
	Museu Nacional de Arte Antiga	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex VIII	06/04/2022
	Museu Nacional de Arqueologia	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex VII	06/04/2022
	Museu de Arte Popular	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex VI	06/04/2022
	Mosteiro dos Jerónimos	Monument	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex V	06/04/2022
	Casa Museu Anastácio Gonçalves	Museum	Associação Turismo de Lisboa, Visitors and Convention Bureau	Clause 1 and Annex IV	06/04/2022
	Mosteiro da Batalha	Monument	Câmara Municipal da Batalha	Clause 1 and Annex IV	07/03/2022
	Mosteiro de Alcobaça	Monument	Câmara Municipal de Alcobaça	Clause 1 and Annex IV	07/03/2022
	Museu dos Biscaínhos	Museum	Câmara Municipal de Braga	Clause 1 and Annex IV	14/03/2022
	Museu de Arqueologia D. Diogo de Sousa	Museum	Câmara Municipal de Braga	Clause 1 and Annex VI	14/03/2022
	Mosteiro de São Martinho de Tibães	Monument	Câmara Municipal de Braga	Clause 1 and Annex V	14/03/2022

	Museu do Abade de Baçal	Museum	Câmara Municipal de Bragança	Clause 1 and Annex V	10/03/2022
	Domus Municipalis - Bragança	Monument	Câmara Municipal de Bragança	Clause 1 and Annex IV	10/03/2022
	Mosteiro de Santa Clara-a-Velha	Monument	Câmara Municipal de Coimbra	Clause 1 and Annex IV	07/03/2022
	Museu Nacional Machado de Castro	Museum	Câmara Municipal de Coimbra	Clause 1 and Annex V	07/03/2022
	Museu Monográfico de Conímbriga	Museum	Câmara Municipal de Condeixa-A-Nova	Clause 1 and Annex IV	24/03/2022
	Museu de Lamego	Museum	Câmara Municipal de Lamego	Clause 1 and Annex IV	09/03/2022
	Palácio Nacional de Mafra	State palace	Câmara Municipal de Mafra	Clause 1 and Annex V	06/03/2022
	Museu Nacional Música - PNM	Museum	Câmara Municipal de Mafra	Clause 1 and Annex IV	06/03/2022
	Sítio Arqueológico de São Cucufate	Monument	Direção Regional de Cultura do Alentejo	Clause 1 and Annex IV	14/03/2022
	Museu Regional de Beja	Museum	Direção Regional de Cultura do Alentejo	Clause 1 and Annex III	14/03/2022
	Ruínas de Milreu	Monument	Direção Regional de Cultura do Algarve	Clause 1 and Annex III	07/03/2022
	Fortaleza de Sagres	Monument	Direção Regional de Cultura do Algarve	Clause 1 and Annex III	07/03/2022
	Ermida de Nossa Senhora de Guadalupe	Monument	Direção Regional de Cultura do Algarve	Clause 1 and Annex III	07/03/2022
	Museu José Malhoa	Museum	Direção Regional de Cultura do Centro	Clause 1 and Annex III	04/03/2022
	Museu de Alberto Sampaio	Museum	Direção Regional de Cultura do Norte	Clause 1 and Annex VI	07/02/2022

	Igreja de São Miguel	Monument	Direção Regional de Cultura do Norte	Clause 1 and Annex V	07/02/2022
	Paço dos Duques de Bragança	Monument	Direção Regional de Cultura do Norte	Clause 1 and Annex VII	07/02/2022
	Concatedral de Miranda do Douro	Monument	Direção Regional de Cultura do Norte	Clause 1 and Annex IV	07/02/2022
	Castelo de Guimarães	Monument	Direção Regional de Cultura do Norte	Clause 1 and Annex III	07/02/2022
	Museu Nacional Soares dos Reis	Museum	Direção-Geral do Património Cultural	Clause 1 and Annex IX	08/04/2022
	Museu Nacional Grão Vasco	Museum	Direção-Geral do Património Cultural	Clause 1 and Annex VIII	08/04/2022
	Museu Nacional Frei Manuel do Cenáculo (Évora)	Museum	Direção-Geral do Património Cultural	Clause 1 and Annex VII	08/04/2022
	LARC - Laboratório de Arqueociências	Monument	Direção-Geral do Património Cultural	Clause 1 and Annex VI	08/04/2022
	Laboratorio José de Figueiredo	Monument	Direção-Geral do Património Cultural	Clause 1 and Annex V	08/04/2022
	Forte de Sacavém	Monument	Direção-Geral do Património Cultural	Clause 1 and Annex IV	08/04/2022
	Convento de Cristo	Monument	Direção-Geral do Património Cultural	Clause 1 and Annex III	08/04/2022
	Teatro Nacional D. Maria II	Theatre	Teatro Nacional D. Maria II	Clause 1 and Annex III	31/01/2022
	Teatro Nacional de São Carlos	Theatre	OPART - Organismo de Produção Artística, EPE	Clause 1 and Annex IV	03/02/2022
	Teatro Camões	Theatre	OPART - Organismo de Produção Artística, EPE	Clause 1 and Annex III	03/02/2022

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

4.9 Technological modernisation of ANIM – the National Archive of Moving Images

Related Measure: C04.i01 Cultural Networks and Digital Transition**Qualitative Indicator:** Delivery of equipment**Time:** Q3 2023**1. Context:**

The objective of the measure is the upgrade and digital transition of the technological infrastructure of public cultural installations and buildings. The investment consists of three intervention areas: (i) modernisation of the technological infrastructure of cultural facilities, (ii) the digitisation and virtualisation of collections of libraries, archives and museums, and (iii) the internationalisation and digital transition of books.

Milestone 4.9 concerns the delivery of equipment for the technological modernisation of the National Archive of Moving Images.

Milestone 4.9 is the second milestone of the investment, and it follows the completion of milestone 4.1, concerning technological specifications for the network of cultural facilities. It will be followed by target 4.2, related to the digital transition of bookshops, milestone 4.3, related to the digitalisation and virtualisation of public collections, milestone 4.4, related to the modernisation of the technological infrastructure for the cultural facilities network, target 4.5, related to financial support for translation and edition of literary works, and target 4.10, related the delivery of equipment for the National Archive of Sound and the technological modernisation of public laboratories. The investment has a final expected date for implementation in Q1 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Document duly justifying how the target (including the constitutive elements) was satisfactorily fulfilled.
2	23 certificates of delivery and acceptance signed by the contractor and ANIM or Cinemateca (in which ANIM is a department)	Certificate for adaptation works for the scanners room carried out by APPinto, signed on 2 June 2022. The nature of these works is specified in the Information Note No. 118/ANIM/2022.
		Certificate for adaptation works for the scanners room carried out by Voltmoderno, signed on 2 June 2022. This certificate concerns electricity installations.
		Certificate for the acquisition of digitalisation systems for films in black and white delivered by Arnold & Richter, signed on 22 February 2024.
		Certificate for adaptation works for the scanners room carried out by Primeassist, signed on 10 July 2022. The nature of these works is specified in Information Note No. 264/ANIM/2022.

		Certificate for the acquisition of the gas extraction system delivered by Nederman Iberica, signed on 30 January 2024.
		Certificate for the acquisition of equipment of the digitalisation of optic sound negatives delivered by DFT – Digital Film Technology, signed on 12 August 2022.
		Certificate for adaptation works for the scanners room carried out by IDW – Consultoria em Serviços de Informação, signed on 18 August 2022. These works concerned the installation of the optical fibre.
		Certificate for adaptation works for the scanners room carried out by APPinto, signed on 19 October 2022. The nature of these works is specified in Information Note No. 535/ANIM/2022.
		Certificate for the acquisition of workstations for the digitalisation of images and sounds, and treatment of digitalised films delivered by AMPEREL – Elctronica Industrial, signed on 28 October 2022.
		Certificate for the acquisition of workstations for the digitalisation of images and sounds, and treatment of digitalised films delivered by AMPEREL – Elctronica Industrial, signed on 12 December 2022.
		Certificate for the adaptation works for the scanners room carried out by Atlas Copco de Portugal, signed on 22 December 2022. The works consisted in the installation of the compressed air network.
		Certificate for the acquisition of equipment for treatment and restauration of sound delivered by Optec, signed on 26 December 2022.
		Certificate for the acquisition of services and equipment for the expansion of the digital laboratory delivered by IDW – Consultoria em Serviços de Informação, signed on 11 January 2023.
		Certificate for the upgrade of the electric installation of the archive and digital laboratory carried out by Voltmoderno, signed on 10 April 2023.
		Certificate for the acquisition of DCP digital projectors for the Cinemateca delivered by Cenário Avançado, signed on 31 July 2023.
		Certificate for the acquisition of IT equipment delivered by Plex 4 IT, signed on 17 October 2023.
		Certificate for the upgrade of the electric installation of the archive and digital laboratory carried out by Voltmoderno, signed on 7 November 2023.
		Certificate for the acquisition of equipment for the treatment of magnetic sound materials delivered by Qlabo, signed on 19 December 2023.

		<p>Certificate for the acquisition of the manual desk for inspection and reparation of films delivered by French Film Equipment SAS, signed on 27 December 2023.</p> <p>Certificate for the acquisition of equipment for the rooms Felix Ribeiro and Luis de Pina of the Cinemateca delivered by Cenário Avançado, signed on 27 December 2023.</p> <p>Certificate for the acquisition of component of the projection booth of the Cinemateca delivered by Stage X, signed on 27 December 2023.</p> <p>Certificate for the acquisition of multimedia computers for the booths of the Cinemateca delivered by Balaclava Noir, signed on 27 December 2023.</p> <p>Certificate for the acquisition of security cameras delivered by Prestibel, signed on 26 February 2024.</p>
3	Information Note No. 118/ANIM/2022 of 7 March 2022	Document specifying the adaptation works carried out by APPinto, signed by the Director of ANIM on 7 March 2022. The works consisted in civil construction work to adapt these areas, including extension of the current supply network for perchloroethylene.
4	Information Note No. 264/ANIM/2022 of 25 March 2022	Document specifying the adaptation works carried out by Primeassist, signed by the Director of ANIM on 25 March 2022. The works consisted in updating exhaust gas and new air supply systems (and their interconnections with pre-existing systems in the adjacent photochemical laboratory), including the extension and updating of the compressed air network.
5	Information Note No. 535/ANIM/2022 of 28 June 2022	Document specifying the adaptation works carried out by APPinto, signed by the Director of ANIM on 28 June 2022. The works consisted in complementary actions to improve the safety of workers.
3	Government Order No. 374/2007 of 30 March (published in Portugal's Official Journal, 'Diário da República', No. 64/2007, first series of 30 March 2007, pages 2015-2018), which entered into force on 1 April 2007	Legal act establishing the structure of the <i>Cinemateca Portuguesa – Museum do Cinema, I.P.</i> and the competences of the <i>Arquivo Nacional das Imagens em Movimento</i> (ANIM, National Archive of Imagens in Move)

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Delivery of equipment for the technological modernisation of the National Archive of Moving Images

Equipment was purchased and delivered to ensure that the process of digitalisation and scanning, image processing, sound processing and archiving is modernised. The following equipment was delivered for ANIM, as shown through the delivery address in the 23 certificates of delivery or acceptance signed by the different contractors and the contracting authorities (ANIM or Cinemateca).

Article 1(2) of the Annex I to Government Order No. 374/2007 sets out that the National Archive of Moving Images (*Arquivo Nacional das Imagens em Movimento, ANIM*) is a department of *Cinemateca Portuguesa – Museum do Cinema, I.P.* Therefore, the certificates of delivery or acceptance are signed by the relevant contractors and either ANIM or Cinemateca.

Type of equipment	Specific equipment	Evidence
Cinematographic film negatives scanning equipment with optical sound bands	audio head assembly for optical tracks	Certificate for the acquisition of equipment of the digitalisation of optic sound negatives
	bidirectional manual inspection table	Certificate for the acquisition of the manual desk for inspection and reparation of films
Imaging, sound and post-production equipment	software	Certificate for the acquisition of workstations for the digitalisation of images and sounds, and treatment of digitalised films and Certificate for the acquisition of equipment for treatment and restauration of sound
	Incubation oven and desiccators	Certificate for the acquisition of equipment for the treatment of magnetic sound materials
	gas extraction systems	Certificate for the acquisition of the gas extraction system
Expansion of the Digital Archive	installation of and storage solutions	Certificate for the acquisition of services and equipment for the expansion of the digital laboratory
Modernisation of the cinema rooms of the Cinemateca Portuguesa	DCP digital projectors	Certificate for the acquisition of DCP digital projectors for the Cinemateca
	multimedia computers for Cinemateca's booths	Certificate for the acquisition of multimedia computers for the booths of the Cinemateca
Modernisation of ANIM's communication and security structure	strengthening the IT, communications network and security structure of Cinemateca	Certificate for the acquisition of IT equipment
	video surveillance cameras	Certificate for the acquisition of security cameras
Modernisation of ANIM's scanners room	New 4k scanner	Certificate for adaptation works for the scanners room as specified in the Information Note No. 118/ANIM/2022;

		<p>Certificate for adaptation works for the scanners room as specified in Information Note No. 264/ANIM/2022.</p> <p>Certificate for adaptation works for the scanners room as specified in Information Note No. 535/ANIM/2022.</p>
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4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

6.3 Training centre locations renovated, built or with equipment purchased

Related Measure: C06.i01 Modernisation of supply and vocational education and training institutions**Quantitative Indicator:** Number**Baseline:** 0**Target:** 59**Time:** Q4 2023**1. Context:**

The objective of this measure is to modernise vocational education in Portugal. It involves two different sub-measures: a) the enlargement and modernisation of the network of vocational training centres of the public employment service (IEFP), or the network of schools of the National Tourism Authority (Turismo de Portugal) in Portugal, and b) the installation and modernisation of 365 Specialised Technology Centres in secondary schools offering professional courses and vocational schools.

Target 6.3 consists of the upgrade of 59 vocational training centre location and is the first step of the implementation of the investment.

It will be followed by target 6.1, target 6.2 (both from a different sub-measure that covers installation and modernisation of 365 Specialised Technology Centres) and target 6.4, which is a second and final step of implementation of this sub-measure and relates to the upgrade of a total of 111 training centre locations. The investment has a final expected date for implementation in Q4 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	11 contracts signed by the contracting and contracted entities for the equipment purchased	Contract between the “Public employment service (IEFP)” and the “SIMPLEFER- Comercio de Ferramentas, LDA”, signed on 25 July 2022. This contract concerns the purchase and installation of equipment for training in aeronautical maintenance.
		Contract between the “CESAE Digital – Desenvolvimento das Competências Digitais” and the “WINGSYS- INTERACTIVE TECHNOLOGY, LDA”, signed on 9 November 2022. This contract concerns the supply of interactive screens.
		Contract between the “Public employment service (IEFP)” and the “Inforlandia Sistemas e Servicos de Informatica, S.A.”, signed on 9 May 2022. This contract concerns the

		<p>acquisition and installation of computer equipment for training in applications with a high graphical precision.</p> <p>Contract between the “Public employment service (IEFP)” and the “Ambienti D’Interni Unipessoal, Lda”, signed on 30 June 2022. This contract concerns the the acquisition and installation of equipment for training in the automotive area.</p> <p>Contract between “CECOA - Centro de Formação Profissional para o Comércio e Afins” and the “SKPRO, Lda”, signed on 2 May 2022. This contract concerns the supply of well-being therapy equipment for training purposes.</p> <p>Contract between the “CENFIM – Centro de Formação Profissional da Indústria Metalúrgica e Metalomecânica” and the “AFTERSALES- Tecnologia de Maquinagem, Comercio e Servicos, S.A.”, signed on 12 December 2022. This contract concerns, the Universal Type Vertical Machining Center with 5 Simultaneous Axes.</p> <p>Contract between the “Centro de Formação Profissional da Reparação Automóvel (CEPRA)” and the “PPG Iberica Sales & Services”, signed on 21 September 2022. This contract concerns painting equipment for training purposes.</p> <p>Contract between the “CENFIM – Centro de Formação Profissional da Indústria Metalúrgica e Metalomecânica” and the “FAVORITANSWER Consultoria em Engenharia Lda (FAN3D)”, signed on 30 June 2022. This contract concerns the purchase of 3D printers.</p> <p>Contract between the “CENFIM – Centro de Formação Profissional da Indústria Metalúrgica e Metalomecânica” and the “UNISOLDA- COMERCIO E INDUSTRIA, S.A.”, signed on 21 June 2022. This contract concerns the Augmented reality-based electrode welding technique simulators for professional training</p> <p>Contract between the “INOVINTER - Centro de Formação e de Inovação Tecnológica” and the “Big Spot”, signed on 6 December 2022. This contract concerns the Video Conferencing Systems and Interactive Whiteboards with a floor stand.</p> <p>Contract between the “INOVINTER - Centro de Formação e de Inovação Tecnológica” and the “Infordelta - Equipamentos e Soluções Informáticas, Lda,”, signed on 14 December 2022. This contract concerns the purchase of laptops and respective softwares.</p>
3	59 invoices (<i>faturas</i>) demonstrating the various	59 invoices (<i>faturas</i>) dated from 19 May 2022 to 17 February 2023 demonstrating the various types of equipment purchased for training purposes

	types of equipment purchased	
4	Two expressions of needs and procedures for the acquisition of goods	Expression of needs and procedures for the acquisition of 20 laptops signed by the President of the Board of the “Vocational Training Center for the Electronics, Energy, Telecommunications and Information Technology Industry” on 20 December 2022. Expression of needs and procedures for the acquisition of 40 laptops with graphic capacity signed by the President of the Board of the “Vocational Training Center for the Electronics, Energy, Telecommunications and Information Technology Industry” on 22 December 2022.
5	Proposal analysis report signed by the President of the Board of the Professional Training Center for the Ceramic Industry on 28 October 2022	The Proposal analysis report signed by the President of the Board of the Professional Training Center for the Ceramic Industry on 28 October 2022 carried out a comparative analysis of proposals of different suppliers considering the following criteria: supply compliance, delivery time, after-sales assistance and installation conditions.
6	List of the training centre locations	A list of 59 training centre locations with equipment purchased, with the corresponding addresses and references to relevant contracts and invoices (<i>faturas</i>). Commission services verified this list through the relevant contracts and invoices (<i>faturas</i>)

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the target.

Number of vocational training centre locations of the public employment service (IEFP) network or the network of schools of the National Tourism Authority (Turismo de Portugal) renovated, built or, as demonstrated by a[n invoice] *fatura*, with various types of equipment purchased

The target requires that at least 59 training centre locations should be built, renovated or where equipment should be purchased. For this target, only equipment was purchased for all training centre locations and no training centre locations have been renovated or built.

59 training centre locations of the public employment service (IEFP) network across the territory of Portugal, including Lisbon, Porto, Braga, Viseu, Aveiro, Castelo Branco, Setúbal, Évora, Beja, Faro (see list of the training centre locations) have received various types of equipment such as laptops, 3D printers, and interactive screens and other equipment purchased for training purposes, as shown by 59 invoices (*faturas*) that were provided for all 59 training centre locations. The 59 invoices (*faturas*) include the list and quantities of the various types of equipment and the relevant training centre locations.

...[equipment purchased] **for training purposes.**

Furthermore, in line with the description of the measure, **the plan for the modernisation of the equipment of the IEFP vocational training centres' network involves the purchase of the following types of equipment, namely: i) digital; ii) environment; iii) Industry 4.0; iv) social economy; and v) traditional sectors.**

A total of 59 invoices (*faturas*) provided cover all 59 training centre locations, detailing the list and quantities of the various types of equipment. The 59 training centre locations are associated with 31 training centres as some training centres operate at several locations (see list of the training centre locations). The invoices (*faturas*) relate to equipment specified in 11 contracts between the purchasers (training centres) and the suppliers as specified under the “short description” column in the 11 contracts; two expressions of needs and procedures for the acquisition of goods by the President of the Board of the “Vocational Training Center for the Electronics, Energy, Telecommunications and Information Technology Industry”, as specified under the “short description” column in the two expressions of needs and procedures; and the proposal analysis by the President of the Board of the “Professional Training Center for the Ceramic Industry”, as specified under the “short description” column in the proposal analysis report. The 11 contracts, two expressions of needs and procedures and the proposal analysis report show that the purchased equipment covers the following areas: digital, environmental, Industry 4.0, and traditional sectors.

-For example, the contract with the “Inforlandia Sistemas e Servicos de Informatica, S.A.”, signed on 9 May 2022, covers the purchase of digital computer equipment for training in applications with a high graphical precision for 35 training centre locations (as listed on its page 18). Another example of digital equipment is the contract with “Infordelta - Equipamentos e Soluções Informáticas, Lda”, signed on 14 December 2022, that covers the purchase of laptops and respective software in one training centre location (“INOVINTER - Centro de Formação e de Inovação Tecnológica- Polo de Lisboa”) as specified on page 7 of the contract).

-The contract with the “Ambienti D’Interni Unipessoal, Lda”, signed on 30 June 2022, covering the purchase of equipment for training in the automotive area is an example of environmental equipment, including 10 low emission vehicles and covers 16 training centre locations (as listed on its page 14).

-The contract with the “SIMPLEFER- Comercio de Ferramentas, LDA”, signed on 25 July 2022 covering the purchase of equipment for training in aeronautical maintenance is an example of Industry 4.0 equipment, including a fuel system simulator for a turbine engine, a cabin pressurisation system simulator, an aircraft electrical systems simulator, and an autopilot system simulator and covers three training centre locations (as listed on its page 22t). Moreover, the contract with the “FAVORITANSWER Consultoria em Engenharia Lda (FAN3D)”, signed on 30 June 2022, covering the purchase of 3D printers is an example of Industry 4.0 equipment that can be used for training in different industrial and design processes and covers 12 training centre locations (as listed on its page 4).

-As an example for training equipment in traditional sectors, the contract with the “PPG Iberica Sales & Services”, signed on 21 September 2022 relates to painting equipment that can be used to train painters and covers two training centre locations (as listed on its page 1). Similarly, the contract with the “UNISOLDA- COMERCIO E INDUSTRIA, S.A.”, signed on 21 June 2022, covering augmented reality-based electrode welding technique simulators for professional training of

welders is an example of equipment for traditional sectors, and covers seven training centre locations (as listed on its page 4).

The type of equipment described above ensures that the equipment is for training purposes. In addition, some contracts directly specify that the equipment was purchased for training purposes. For example, this is exemplified by the first clause (object of contract) of the “Contract with the “SIMPLEFER- Comercio de Ferramentas, LDA”, signed on 25 July 2022”, “Contract with the “Infolandia Sistemas e Servicos de Informatica, S.A.”, signed on 9 May 2022.”, “Contract with the “Ambienti D’Interni Unipessoal, Lda”, signed on 30 June 2022”, “Contract with the “UNISOLDA- COMERCIO E INDUSTRIA, S.A.”, signed on 21 June 2022. ”

New buildings shall have a primary energy demand at least 20% below the requirements of nearly zero energy buildings. Energy efficiency renovations shall achieve, on average, at least a medium-depth level renovation as defined in Commission Recommendation on Building Renovation (EU) 2019/786.

Given that only equipment was purchased for all training centre locations and no training centre locations have been renovated or built, the second part of the milestone description does not apply, i.e. “New buildings shall have a primary energy demand at least 20% below the requirements of nearly zero energy buildings. Energy efficiency renovations shall achieve, on average, at least a medium-depth level renovation as defined in Commission Recommendation on Building Renovation (EU) 2019/786”.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

7.14 Contract signed for at least 8 road projects

Related Measure: C07.i05-RAA Logistic Circuits — Regional Network of the Azores**Quantitative Indicator:** Number**Baseline:** 2**Goal:** 8**Time:** Q4 2023**1. Context:**

The measure consists in the construction and upgrade of road infrastructures on the Azores, aiming at reducing travel distances, journey times and congestion by improving the accessibility to population centres. It aims to improve the accessibility to population centres and economic activity hubs and the main entry infrastructures on each island. It is also aimed to intervene in the construction of circular roads to the main urban centres, with reduction of urban crossings.

Target 7.14 is the second step of the implementation of the investment with the signature of contracts for six additional (eight in total) road projects. It was preceded by Milestone 7.13 which consisted in the signature of contracts for two road projects. Target 7.14 will be followed by target 7.15, according to which a total of 34 kilometres of roads should be constructed or rehabilitated. The implementation of this investment shall be completed by Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	Six signed contracts (with relevant extract from the public procurement database 'BASE')	'Portal do Vento bypass – São Miguel': contract signed on 27 October 2022 between the promoting body 'Açores Autonomous Region', and successful tenderer 'Marques S.A.'
		'Circular road to Vila da Madalena – Pico': contract signed on 6 September 2023 between the promoting body 'Açores Autonomous Region', and successful tenderer 'Tecnovia - Açores, Sociedade de Empreitadas S.A.'
		'Connection between E.R. 3-2a and E.R. 4-2a – Graciosa': contract signed on 7 November 2023 between the promoting body 'Açores Autonomous Region', and successful tenderer 'Tecnovia - Açores, Sociedade de Empreitadas S.A.'
		'North South connection – São Jorge' (E.R. No 3-2.a): contract signed on 15 December 2023 between the promoting body 'Açores Autonomous Region', and successful tenderer 'Tecnovia - Açores, Sociedade de Empreitadas S.A.'

		‘Construction of the 2 nd stage of the Cidade da Horta bypass – Faial’’: contract signed on 15 December 2023 between the promoting body ‘Açores Autonomous Region’, and successful tenderer ‘Tecnovia - Açores, Sociedade de Empreitadas S.A.’
		‘Vila do Porto bypass – Santa Maria’: contract signed on 19 December 2023 between the promoting body ‘Açores Autonomous Region’, and successful tenderer ‘Marques S.A.’
3	Relevant technical specifications	According to the project, technical specification of the contract and/or of the tender outlining the relevant technical details of the 6 projects
4	Environmental Compliance Decision (DCAPE)	DCAPE for project iii. Portal do Vento Portal bypass – São Miguel: Order by Secretary of Regional Directorate for the Environment and Climate Change No. 2026/2021 of 11 November (‘positive with conditions’)
		DCAPE for project vi. North South connection – São Jorge: Order by Secretary of Regional Directorate for the Environment and Climate Change No. 2380/2022 of 16 November (‘positive with conditions’)
5	Statements when EIA is not necessary	For projects iv, v, vii and viii: Statements issued by the Regional Secretariat/Directorate for Environment and Climate Change attesting that the relevant project is not subject to an EIA according to the EU directive.
6	DNSH statements by beneficiaries	Statements from the beneficiaries for the six projects committing to complying with DNSH principles

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the target.

Signature by the parties of the document governing their obligations in relation to the execution of the works, at a price ...

The target requires contracts signed for six additional road projects.

Six contracts were signed by the implementing body of the investment, *Infraestruturas de Portugal* and the respective construction companies between 30 June 2022 and 22 December 2023.

The signed contracts cover the following roads (clause 1 of each of the six contracts):

1. Project iii. Portal do Vento bypass – São Miguel
2. Project iv. Circular road to Vila da Madalena – Pico
3. Project v. Connection between E.R. 3-2a and E.R. 4-2a – Graciosa
4. Project vi. North South connection – São Jorge
5. Project vii. Construction of the 2nd stage of the Cidade da Horta bypass – Faial
6. Project viii. Vila do Porto bypass – Santa Maria

All contracts foresee a timeline of execution of the works (clause 3 of each of the six contracts) as well as the obligations in relation to the execution of the works included in the terms and conditions of the tender, which form an integral part of this contract (clause 1). Such obligations concern for instance the

planning of the execution of the work, the supply of all the resources necessary for the execution, the safety of the construction site and of the personnel, the cleaning of the site after the execution, etc. The pricing of the projects is indicated in clause 2 of each of the six contracts.

...following a public tender procedure

The six contract summaries from the public procurement database ('BASE') indicate that the contracts were signed following a public tender (under '*Tipo de procedimento*' for each project) and provides the link to this tender.

- Project iii. Portal do Vento bypass – São Miguel: tender announcement 90/2022 published in the Official Journal No. 49, Series 2, of 10-03-2022
- Project iv. Circular road to Vila da Madalena – Pico: tender announcement 478/2022 published in the Official Journal No. 244 Series 2, of 21-12-2022
- Project v. Connection between E.R. 3-2a and E.R. 4-2a – Graciosa: tender announcement 509/2022 published in the Official Journal No. 226 Series 2, of 11-24-2022
- Project vi. North South connection – São Jorge: tender announcement 477/2022 published in the Official Journal No. 10 Series 2, of 13-01-2023
- Project vii. Construction of the 2nd stage of the Cidade da Horta bypass – Faial: tender announcement 16721/2022 published in the Official Journal No. 242, Series 2, of 12-19-2022
- Project viii. Vila do Porto bypass – Santa Maria: tender announcement 2387/2023 published in the Official Journal No. 35, Series 2, of 17-02-2023

Furthermore, in line with the description of the measure, **the investment shall consist of expanding and upgrading road infrastructure on the Azores and roads shall be constructed or upgraded from one or several of the roads listed** in the CID measure description.

As demonstrated by the names of the contracts presented by Portugal, the contracts concern road infrastructures listed in the CID measure description, all located in the Azores.

Furthermore, in line with the description of the measure, **any road project potentially likely to have significant negative effects on the environment shall be subject to an Environmental Impact Assessment (EIA) pursuant to Directive 2011/92/EU, to ensure compliance with the DNSH principle is integrated into the project and strictly complied with at the stages of construction, operation and decommissioning of the infrastructure.**

Compliance with the DNSH principle has been ensured as follows:

The following road projects were not subject to environmental impact assessment according to the Portuguese legislation transposing the EIA Directive (Regional Legislative Decree No 30/2010/A of 15 November, published in the Official Journal No. 221/2010, Series 1 of 15-11-2010, pages 5118 - 5183):

- Project iv. Circular road to Vila da Madalena – Pico
- Project v. Connection between E.R. 3-2a and E.R. 4-2a – Graciosa
- Project vii. Construction of the 2nd stage of the Cidade da Horta bypass – Faial
- Project viii. Vila do Porto bypass – Santa Maria

As also explained in page 1 of the four statements issued by the Regional Secretariat/Directorate for Environment and Climate Change attesting that the relevant project is not subject to an EIA, the relevant

roads do not correspond to a typology of the infrastructure to be subject to an environmental impact assessment procedure as set out in Article 16 of Regional Legislative Decree No 30/2010/A of 15 November 2009 since the projects are outside a sensitive area, do not include a transversal motorway or fast-track profile and the route is less than 5 km long.

Two projects were subject to environmental impact assessment:

- Project iii. Portal do Vento bypass – São Miguel
- Project vi. North South connection – São Jorge

The projects were subject to an Environmental Impact Assessment (EIA) under Directive 2011/92/EU. To this end, two Environmental Compliance Decisions (Order by Secretary of Regional Directorate for the Environment and Climate Change No. 2026/2021 of 11 November and Order by Secretary of Regional Directorate for the Environment and Climate Change No. 2380/2022 of 16 November) were issued by the Secretary of Regional Directorate for the Environment and Climate Change. The two decisions are positive and set out the general and specific mitigating measures that should be included in the projects at the stages of construction, operation and decommissioning of the infrastructure (section '*Condicionantes da DIA*' of the two Orders by the Secretary of Regional Directorate for the Environment and Climate Change).

Two statements by the beneficiaries (Declarations of Commitment by the Regional Directorate for Public Works, signed on 9/01/2024) show how all mitigating measures required by the two Environmental Compliance Decisions have been integrated into the projects. For instance, the Regional Directorate for Public Works indicates in the statement for project iii) Portal do Vento bypass – São Miguel that to protect biodiversity, they have mitigating measures to avoid the introduction of invasive species when moving soil. This follows a recommendation from the relevant Compliance Decision to favour physical methods to control for invasive species instead of chemical methods (point 10 of section '*Medidas de minimização ou compensação de efeitos negativos e potenciação dos positivos*' of the respective Order by the Secretary of Regional Directorate for the Environment and Climate Change).

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

8.5 Training on BUPi

Related Measure: C08.i02 Rural property registry and Land Cover Monitoring System**Quantitative Indicator:** Number**Baseline:** 0**Target:** 10**Time:** Q4 2023**1. Context:**

The objective of this measure is to provide the Portuguese State with a broad knowledge base of the territory, in particular as regards the type and boundaries of rural properties, making it possible to identify landowners. This is essential for planning, managing and supporting decisions on the territory's occupation and land use.

This is the second target of this investment and relates to the provision of training on the Portuguese digital land registry BUPi to the nationally qualified technicians who carry out graphic representation procedures, the staff of the Institute of Registers and Notaries, the Portuguese tax authority) and the Directorate-General of the Territory.

Target 8.5 is the second target of the investment, and it follows the completion of milestone 8.4 which involved the expansion of the BUPi project. It will be followed by milestone 8.6, related to the production and publication of the land cover and use maps. The investment has a final expected implementation date of Q4 2023.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled.
2	Certificates signed by the coordinators of eBUPi	3878 individual certificates proving training participation. The certificates include the name of the participant, the entity they represented at the training session, and the date and session attended.
3	Report by eBUPi of 12 June 2024 signed by one coordinator of eBUPi	Report by the Taskforce for the Expansion of the Simplified Cadastral Information System (<i>Estrutura de Missão para a Expansão do Sistema de Informação Cadastral Simplificado</i> hereinafter referred to as eBUPi) containing the information on the type of training provided, its content and

		learning format used. The report was signed by one coordinator on 12 June 2024.
4	Declarations signed by entities: i.Municipality of Viana do Castelo ii.Municipality of Fundao iii.Municipality of Proença-a-Nova iv.Municipality of Vila Nova de Gaia v.Municipality of Coimbra vi.Institute of Registers and Notaries (IRN), vii.the Portuguese tax authority (AT) viii.Directorate-General of the Territory (DGT).	Declarations by the concerned entities (Municipalities, Institute of Registers and Notaries, Tax Authority, and Directorate-General of the Territory) listing some of their employees that may participate in trainings.
5	Online publications on the trainings as published on the website of the Ministry of Justice (Notícias Justiça.gov.pt (justica.gov.pt)) regarding the 12 BUPi Envelope trainings.	12 news publications from the website of the Ministry of Justice showing the 12 BUPi Envelope trainings that took place. The online publications were checked by the Commission services on 1 August 2024.

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the target.

Number of quarterly trainings provided related to BUPi

The target required that 10 trainings had been provided related to BUPi, the Portuguese digital land registry. As the report by eBUPi explains (pages 7-9) and corroborated by online publications on the website of the Ministry of Justice, there were 12 BUPi Envelope trainings held on the following dates, confirming that the trainings took place in at least different quarters.

Name of training	Date of training	Quarter
1º BUPi Envelope	14 October 2021	Q4 2021
2º BUPi Envelope	25 November 2021	Q4 2021
3º BUPi Envelope	17 February 2022	Q1 2022
4º BUPi Envelope	28 April 2022	Q2 2022
5º BUPi Envelope	21 July 2022	Q3 2022
6º BUPi Envelope	28 September 2022	Q3 2022
7º BUPi Envelope	16 November /2022	Q4 2022
8º BUPi Envelope	23 February 2023	Q1 2023
9º BUPi Envelope	13 April 2023	Q2 2023
10º BUPi Envelope	28 June 2023	Q2 2023
11º BUPi Envelope	28 September 2023	Q3 2023
12º BUPi Envelope	29 October 2023	Q4 2023

The report by eBUPi (pages 7-9) provides a detailed list of each training session, including the content covered, showing that the content related to BUPi.

to the nationally qualified technicians who carry out graphic representation procedures (RGG), the staff of the Institute of Registers and Notaries (IRN), agents of the tax authorities, and registry technicians and technicians from the Directorate-General for the Territory and the registry officers.

The Portuguese authorities provided declarations from the different entities confirming that some of their staff members, whose names were included in an attached list, were officially affiliated with the respective entities. These declarations were prepared and signed by five municipalities for the qualified technicians who carry out RGG procedures, IRN, the Tax Authority, and DGT.

The names listed in the declarations signed by entities were cross-referenced by Commission services on 1 August 2024 with the certificates signed by the coordinators of eBUPi and issued to participants, which state the entity to which the participants belonged, the name of the participants in the training and the specific training session they attended. The cross-referencing that at least one staff member per entity participated in at least one of the 12 training sessions.

Furthermore, in line with the description of the measure, ***to ensure the successful implementation of the aforementioned measures, the investment shall also include training activities.***

As justified in the above paragraphs, this target included 10 quarterly trainings. Portugal provided evidence that 12 quarterly trainings took place for authorised technical staff of the municipalities, registrars from the IRN and for agents of the tax authorities.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

8.12 Installation of dual polarisation radars

Related Measure: C08.i04 Means to prevent and combat rural fires**Quantitative Indicator:** Number**Baseline:** 0**Target:** 2**Time:** Q4 2023**1. Context:**

The objective of this measure is to reinforce the capacity of State entities to prevent and combat rural fires. It involves purchasing helicopters, constructing and renovating buildings, acquiring firefighting vehicles, machinery and equipment, and the standardisation and upgrade of the meteorological radar network.

Target 8.12 concerns the installation of two dual polarisation radars with the necessary computing and archiving system, two lightning detectors and two weather meteorological stations.

Target 8.12 is the second target of the implementation of this investment, and it follows the completion of target 8.10 related to the delivery of vehicles, equipment and machinery. It will be followed by targets 8.11, related to the reinforcement of the capacity of the Portuguese Air Force to prevent and combat rural fires via the delivery of firefighter helicopters. The final expected date for the implementation of this investment is Q4 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	Tender notice No. 11/IPMA/2022 of 27 June 2022, announced in Portugal's Official Journal Diário da República No. 122/2022, second series of 27 June 2022, procedure No. 8015/2022, including the three annexes of the technical specifications	Tender notice No. 11/IPMA/2022 of 27 June 2022, including the three annexes of the technical specifications, for the acquisition of four dual polarisation radars, four meteorological stations and four lightning detectors for the Portuguese Institute of the Sea and the Atmosphere. The tender included six lots. However, only three lots are relevant for this target, namely (i) Lot one for the acquisition of two polarisation radars, (ii) Lot three for the acquisition of two meteorological stations, and (iii) Lot five for the acquisition of two lightning detectors.

3	Technical specifications related to Lot 1 of Tender notice No. 11/IPMA/2022	Technical specifications that are integral part of Tender notice No. 11/IPMA/2022 in its Part II.1, which detail the requirements that should be complied with for the radar systems.
4	Technical specifications related to Lot 3 of Tender notice No. 11/IPMA/2022	Technical specifications that are integral part of Tender notice No. 11/IPMA/2022 in its Part II.3, which detail the requirements that should be complied with for the meteorological stations.
5	Technical specifications related to Lot 5 of Tender notice No. 11/IPMA/2022	Technical specifications that are integral part of Tender notice No. 11/IPMA/2022 in its Part II.5, which detail the requirements that should be complied with for the lightning detectors.
6	Contract No. 83/2022 signed by Portuguese Institute for Sea and Atmosphere (IPMA) on 4 January 2023 and a consortium of Omnitecnica – Sociedade Comercial e Industrial de Electrotecnica S.A. and Socidias – Estruturas e Revestimentos Metalicos Lda on 1 January 2023	Contract No. 83/2022 (and addendum) signed by the contracting authority and the contractors on 4 January 2023 and on 1 January 2023, respectively, for the supply and installation of polarisation radars (lot 1)
7	Contract No. 87/2022 of 28 December 2022 signed by IPMA and Quantific – Instrumentacao cientifica Lda.	Contract No. 87/2022 (and addendum) signed by the contracting authority and the contractor on 29 December 2022 for the supply and installation of two meteorological stations (lot 3)
8	Contract No. 86/2022 of 28 December 2022 signed by IPMA and Vaisala Oyj	Contract No. 86/2022 (and addendum), signed by the contracting authority and the contractor on 3 January 2023 for the supply and installation of two lightning detectors (lot 5)
9	Acceptance certificate of 18 December 2023 signed by IPMA and a consortium of Omnitecnica – Sociedade Comercial e Industrial de Electrotecnica S.A. and Socidias – Estruturas e Revestimentos Metalicos Lda	Acceptance certificate for Lot 1 (two radars) of tender notice No. 11/2022 signed by the contracting authority and the contractor on 18 December 2023 confirming that radars were in a position to be accepted. Final acceptance certificates can only be issued at the end of the guarantee period.
10	Acceptance certificate of 30 October 2023 signed by IPMA and Quantific – Instrumentacao cientifica Lda	Acceptance certificate for Lot 3 (two meteorological stations) of tender notice No. 11/2022 signed by the contracting authority and the contractor on 30 October 2023 confirming the meteorological stations were in a position to be accepted. Final acceptance certificates can only be issued at the end of the guarantee period.

11	Acceptance certificate of 15 December 2023 signed by IPMA and Vaisala Oyj	Acceptance certificate for Lot 5 (two lightning detectors) of tender notice No. 11/2022 signed by the contracting authority and the contractor on 15 December 2023 confirming the lightning detectors were in a position to be accepted. Final acceptance certificates can only be issued at the end of the guarantee period.
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3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the target.

Installation of two dual polarisation radars with the necessary computing and archiving system,

The acceptance certificate of 18 December 2023 confirms the fulfilment of Contract No. 83/2022 regarding Lot 1 of tender notice No. 11/2022. The technical specifications related to Lot 1 detail that the tender is related to the provision and installation of radar systems in Coruche/Cruz do Leão and Loulé/Cavalos do Caldeirão. This confirms that the two polarisation radars have been installed and are operational.

The acceptance certificate of 18 December 2023 indicates that the infrastructure installed complies with Contract No. 83/2022 and, in turn, with Tender notice No. 11/IPMA/2022. The technical specifications related to Lot 1 require that the radars include a computing system (point 1 of Section 4.5.2.2.) and an archiving system (point 2 of Section 4.5.2.2.). This confirms that the radars include the necessary computing and archiving system.

two lightning detectors

The acceptance certificate of 15 December 2023 confirms the fulfilment of contract No. 86/2022 regarding Lot 5 of tender notice No. 11/2022. The technical specifications related to Lot 5 detail that the tender is related to the provision and installation of two lightning detectors (in Olhão and Viana do Castelo). This confirms that the two lightning detectors have been installed and are operational.

and two weather meteorological stations.

The acceptance certificate of 30 October 2023 confirms the fulfilment of contract No. 87/2022 regarding Lot 3 of tender notice No. 11/2022. The technical specifications related to Lot 3 detail that the tender is related to the provision and installation of the two meteorological stations. This confirms that the two meteorological stations have been installed and are operational.

Installation completed after confirmation that they correspond to the technical specifications and other contractual requirements.

The Portuguese Institute of the Sea and the Atmosphere (IPMA) initiated the tender process for the acquisition of two dual polarisation radars (Lot 1), two meteorological stations (Lot 3), and two lightning

detectors (Lot 5) under tender notice No. 11/IPMA/2022 on 27 June 2022. Part I of the tender specifications encompassed the general contractual provisions, while Part II delineated the technical specifications. For Lot 1, the technical specifications were outlined in Part II.1; those for Lot 3, in Part II.3; and those for Lot 5, in Part II.5. The specifications include the criteria to be complied with for acceptance certificates to be signed by both parties (point 8.1.3, part II.1 for Lot 1. Point 2.4 in part PII.3 for Lot 3 and point 2.4 in part II.5 for lot 5).

To confirm the reception of the three lots, Portugal submitted the three abovementioned corresponding preliminary acceptance certificates. These acceptance certificates confirm that the installation is completed according to the technical specifications and other contractual requirements.

Furthermore, in line with the description of the measure, **this measure shall improve the risk assessment by standardising and updating the Portuguese Institute of the Sea and the Atmosphere (IPMA) radar network.**

The installation of two new polarisation radars, two new meteorological stations and two new lightning detectors enhances the risk assessment capabilities of the Portuguese Institute of the Sea and the Atmosphere (IPMA) by providing more comprehensive and accurate data for monitoring and predicting weather patterns, thereby enabling better-informed decisions regarding potential risks and hazards (clause 13, tender notice No. 11/2022).

The installation of two new polarisation radars instead of the existing old radars (preamble of technical specifications related to Lot 1) updates the radar network of the Portuguese Institute of the Sea and the Atmosphere (IPMA). In addition, according to tender notice No. 11/2022, the infrastructure must comply with existing or emerging national and international standards (point 1, (b) (29)). The double polarisation technology was specifically chosen as it is particularly useful for very short-term forecasting in bad weather situations as well as for forecasting the intensity and quantity of precipitation for periods up to two hours (point 1, (g) (2)).

Furthermore, in line with the description of the measure, **this investment shall consist of [...] the standardisation and upgrade of the meteorological radar network.**

As explained above, the acquisition of two new radars serves to standardise and upgrade the meteorological radar network.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

10.8 Start of Public Works Contract for the technical centre MARTEC

Related Measure: C10.i04-RAA Development of the 'Cluster do Mar dos Açores'**Qualitative Indicator:** Start of construction works for the technical centre MARTEC**Time:** Q4 2023**1. Context:**

The objective of this investment is to improve both the fixed and mobile infrastructure for marine science research in the Autonomous Region of the Azores.

The final step involves the establishment of an experimental centre dedicated to research and development related to marine science. This centre will be a collaborative effort with the institutions of the Azores Scientific and Technological System (SCTA) and companies. It aims to foster R&D in both traditional and emerging fields, including fisheries and derived products, marine biotechnology, biomaterials, and marine technologies and gear, including a 'blue incubator' and an aquaculture centre in the Azores.

Milestone 10.8 is the first step of the implementation of the investment related to the MARTEC research centre, which is also accompanied by a research vessel. It will be followed by milestone 10.9 and 10.11 related to the delivery of the research vessel and 10.10 related to the operationalisation of the MARTEC. The investment has a final expected date for implementation in Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	Project description , signed 27 October 2022 by the Construction company WA Engineering and consultancy	The project proposal describes the planned architectural characteristics of the building, describing the location and characteristics of the blue incubator and the aquaculture centre within the Technopolo MARTEC.
3	Public deed of sale and purchase dated 7 December 2021 signed between owner of land and the Regional Secretary for the Sea and Fisheries, representing the Autonomous Region of Azores	The public deed of sale and purchase of the land for the Technopolo MARTEC to be built.
4	Construction works contract signed 17 October 2023 between Regional Secretary of the Sea and fishing and the contractors Tenovia Azores and AFAVIA	The contract for the construction works of the Technopolo MARTEC centre

5	Report by ARQUIANGRA – architecture and engineering, signed on 11 June 2024	Report on the demolition works signed by a third entity responsible for works inspection.
6	Execution Project - Areas signed 29 August 2022 by the contractor WA Engineering and Consultancy	Description of the build-up areas size of the Technopolo MARTEC.
7	Execution project map signed 30 June 2022 by the contractor WA Engineering and Consultancy	Identification of all materials and equipment to be used and installed during the construction of Technopolo MARTEC
8	Energy pre-certificate number PCE0016252/2022 dated 30 September 2022 issued by the Regional Directorate of Energy signed by architect Manuel Luis Lopes Portela	Energy certificate proving that the new building is expected to be NZEB compliant

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Start of construction works of the infrastructure for the Technopolo MARTEC (including purchase of land and demolishing of existing infrastructure) on the island of Faial, as part of the experimental and development centre linked to the Sea in the Azores.

On 7 December 2021, the Region of Azores, via its Regional Secretary of Sea and Fisheries, purchased the land for the construction of Technopolo MARTEC (clause 1 of public deed of sale and purchase of 7 December 2021).

On 17 October 2023, the Region of Azores, via its Regional Secretary of Sea and Fisheries concluded a contract with Tenovia Azores and AFAVIA for the construction of the Technopolo MARTEC (Clause 1 of Construction works contract of 17 October 2023).

The demolition of the existing infrastructure in the purchased land began on 9 January 2024 and was completed on 30 April 2024, according to the third-party company that carried out the inspection of the demolition works ARQUIANGRA’s Report).

It shall include a Blue Incubator (with at least 6500 m²), an Aquaculture Centre (at least 2000m²) and equipment.

According to the proposal of the company that won the construction works contract that is now part of the contract, Tecnopolo MARTEC will include a blue incubator with an area of 6564,59m² and an aquaculture centre with an area of 2455,05m² (Execution project - Areas).

The equipment for the experimental centre is identified in sections B1 to B19 of the execution project map, whereas the equipment for the aquaculture centre is identified in section C1 to C19 of the execution project map. The buildings are subdivided in 12 sections that include the architectural equipment (B1 & C1), structures (B4 & C4), inland water networks (B6 & C6), sewage and drainage (B8 & C8), rainwater network (B9 & C9), fire safety (B11 & C11), electrical installations (B12 & C12), telecommunications infrastructure (B14 & C14), electromechanical installations (B16 & C16), air conditioning and ventilation

(B17 & BC7), centralised technical management (B18 & C18) and finally the integrated security installations (B19 & C19).

New buildings shall have a primary energy demand at least 20% below the requirements of nearly zero energy buildings.

The construction works contract signed on 17 October 2023 establishes the NZEB –20% requirement in Clause 1(a), stating the building must have the corresponding indicator of primary energy consumption with the energy classification of less than 50% as explained per Section G the project description of 27 October 2022. According to the energy pre-certificate number PCE0016252/2022, energy classification is projected to be 49%. The energy classification was calculated by a qualified expert that declares that this certificate was prepared in accordance with the Regional Legislative Decree number 4/2016/A, of 2 February.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

11.2 Signature of contracts awarding financial support

Related Measure: C11.i01 Decarbonisation of industry**Qualitative Indicator:** Signature of contracts awarding financial support**Time:** Q4 2023**1. Context:**

This investment shall consist of the promotion of and financial support to decarbonisation projects in industries in four areas: low carbon processes and technologies, energy efficiency measures, incorporation of renewable energy and storage, and the development of decarbonisation roadmaps and capacity building initiatives. The investment aims to support at least 310 projects.

Milestone 11.2 concerns the award of at least EUR 383 000 000 to the selected projects.

Milestone 11.2 is the second milestone of the investment, and it follows the completion of milestone 11.1 related to the first call for tender for industrial decarbonisation projects. It will be followed by target 11.3, related to the financing of 310 projects. The investment has a final expected date for implementation in Q4 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2a	Tender notice No. 01/C11-i01/2021 published by IAPMEI (public agency for Competitiveness and Innovation) on 30/12/2021	Call for tender for the development of decarbonisation roadmaps
2b	Tender notice No. 02/C11-i01/2022 published by IAPMEI on 10/01/2022	First call for industrial decarbonisation projects that relate to low carbon processes and technologies and/or adoption of energy efficiency measures and/or incorporation of renewable energy and energy storage
2c	Tender notice No. 03/C11-i01/2022 published by IAPMEI on 04/11/2022	Second call for Industrial decarbonisation projects that relate to low carbon processes and technologies and/or adoption of energy efficiency measures and/or incorporation of renewable energy and energy storage
3	List of the projects supported	The list of projects provided includes, for each project, the amounts awarded. This list was used for the selection of the sample.

4	Project application documents by the applicants to the tender	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 sampled units.</p> <p>The project application includes a summary of the interventions supported and the overall cost of the project. For some projects, a technical annex (which was part of the application) is also provided.</p>
5	Contracts (terms of acceptance) signed by IAPMEI and the beneficiary	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 sampled units.</p> <p>The Contracts (terms of acceptance) include the signature of the final beneficiary accepting the award of finance for the supported project, as well as the amount awarded. For the projects linked to the notice 02/C11-i01/2022, the award decision by IAPMEI is also provided.</p>
6	DNSH compliance declaration by the final beneficiary	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 sampled units.</p> <p>As part of the application, the final beneficiary signed a DNSH self-declaration.</p> <p>When relevant, for the ETS covered facilities, an additional declaration by the beneficiary is provided indicating the expected levels of GHG emissions compared to the benchmark.</p>
7	Analysis of application by IAPMEI	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 sampled units.</p> <p>The analysis of the application includes the analysis by IAPMEI of the selection criteria for the specific project.</p>

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Signature of contracts awarding financial support

At least EUR 383 000 000 awarded...

Portugal submitted a list of projects supported and for which contracts (terms of acceptance) were signed. In this respect, the terms of acceptance ('Termos de Aceitação') are 'standard contractual clauses' which take the form of a 'contract of adhesion' (contracts where one of the parties has limited to no negotiating power) in the Portuguese legal system. The list of projects includes, for each project, the amount awarded. The overall award indicated by Portuguese authorities amounts to EUR 555 242 466, above the required amount.

The evidence provided for a sample of 60 units confirmed that support was awarded for the amount indicated in the list. The contracts (terms of acceptance), signed by the beneficiary, include the amount awarded in their clause 1 or 5.

The analysis of the evidence therefore confirmed that Portuguese authorities awarded at least EUR 383 000 000.

...for projects for industrial decarbonisation projects that relate to at least one of the following areas: low carbon processes and technologies; adoption of energy efficiency measures; incorporation of renewable energy and energy storage; and business empowerment.

Tender notice No. 02/C11-i01/2022 and tender notice No. 03/C11-i01/2022 opened calls for projects for the decarbonisation of industry in three areas: low carbon processes and technologies, adoption of energy efficiency measures, and incorporation of renewable energy and energy storage. A separate call (tender notice No. 01/C11-i01/2021) has been published for roadmap and business empowerment activities. (<https://www.iapmei.pt/Paginas/Descarbonizacao-da-Industria.aspx>)

The evidence provided for a sample of 60 units confirmed that the projects supported focus on at least one of the listed areas. In particular, the project application and the analysis of the application, in the part describing the typology of projects, indicates the areas covered depending on the specific interventions foreseen by the projects. For example, the installation of photovoltaic panels relates to the area 'incorporation of renewable energy and energy storage', the electrification of industrial equipment relates to the area of 'low carbon processes and technologies', the installation of a heat recovery system relates to the area of 'adoption of energy efficiency measures and the development of decarbonisation roadmaps relates to the area of 'business empowerment'.

Award of the contracts to the projects selected under the competitive calls for proposals mentioned in milestone above shall ensure compliance with the 'Do no significant harm' Technical Guidance (2021/C58/01) through the use of an exclusion list and the requirement of compliance with the relevant EU and national environmental legislation.

The three calls for tender include a selection criteria to ensure compliance with the DNSH principle using an exclusion list (point 2.3.b and Annex II of tender notice No. 02/C11-i01/2022, tender notice No. 03/C11-i01/2022 and tender notice No. 01/C11-i01/2021) and with the relevant EU and national environmental legislation (point 2.3.d of tender notice No. 01/C11-i01/2021 and point 2.3.i of tender notice No. 02/C11-i01/2022 and tender notice No. 03/C11-i01/2022).

The evidence provided for a sample of 60 units confirmed that the projects supported ensure compliance with the DNSH principle, ensuring that, as shown by the description of the technical specification of the interventions of the project in the project applications and analysis of the application, no activity included in the exclusion list is supported. The beneficiaries have also signed a DNSH self-declaration, and the

analysis of the application includes a dedicated section on the assessment of the DNSH principle as it is an eligibility criterion.

Moreover, for the installations covered by ETS, the evidence provided for the relevant two units in the sample (unique identification number 390 and 4922) confirmed that the “activity supported achieves projected greenhouse gas emissions that are lower than the relevant benchmarks established for free allocation for activities falling within the scope of the Emissions Trading System, as set out in the Commission Implementing Regulation (EU) 2021/447”. In particular, the project application includes a declaration by the beneficiary indicating the GHG emissions expected compared to the benchmark. Portugal also provided as a declaration by Portugal (Recuperar) explaining how the GHG emissions remain lower than the benchmark.

Furthermore, in line with the description of the measure, **the support shall be awarded through tender procedures (2021-2024) to both small and medium-sized enterprises and large companies in the areas of industry and energy production, including industrial area management bodies, energy transmission and distribution system operators, industry and energy business associations and other entities.**

The notices for the tender indicate the various categories of eligible beneficiary entities. The support is open to companies of any size in the industry sector, categories B — Mining and C — Manufacturing of the Portuguese Classification of Economic Activities, thus covering the whole industrial sector (point 2.1.1 of tender notice No. 02/C11-i01/2022, and Point 2 of tender notice No. 03/C11-i01/2022) and to industry and energy business associations (point 2.1.1 of tender notice No. 01/C11-i01/2021,).

Furthermore, in line with the description of the measure, **the projects selected under the 024ter intervention field shall result in a GHG emission reduction of 30% on average in the industrial installations concerned, in the framework of the implementation of the National Energy and Climate Plan.**

The notices for the tender indicate that decarbonisation projects in policy area 024ter must contribute to an average reduction of at least 30% of direct and indirect GHG emissions in supported industrial installations (point 2.3.d of tender notice No. 02/C11-i01/2022 and point 6.2 of tender notice No. 03/C11-i01/2022).

The average reduction of GHG emissions achieved by the measure will be checked with its completion (target 11.3).

The reduction of 30% GHG emission on average for this measure contributes to bringing Portugal closer to its decarbonisation objectives, therefore contributing to its climate objectives in the NECP framework.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

12.7 Entry into force of the harmonised definition of criteria for eco-modulation

Related Measure: C12-r39 Promoting circular economy and more efficient waste management**Qualitative Indicator:** Provision in the legal act indicating the entry into force of the harmonised definition of criteria for eco-modulation**Time:** Q4 2023**1. Context:**

This measure aims at improving waste prevention, preparing for re-use, recycling and recovery and diversion of waste and at promoting the circular economy.

Milestone 12.7 concerns the entry into force of a legal act setting out harmonised and mandatory definition of criteria for the eco-modulation of financial benefits in integrated systems under the Extended Producer Responsibility.

Milestone 12.7 is the first milestone of the implementation of this reform but is the unique milestone for this specific action. It is accompanied by milestone 12.8 related to the entry into operation of a deposit and refund system that shall be applied for non-reusable plastic bottles, ferrous metals and aluminium in the same payment request and by milestone 12.9, related to the entry into force of legislation setting the legal framework for the introduction of a take-back scheme for electric and electronic waste. The reform has a final expected date for implementation in Q4 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	Decree Law No. 24/2024 of 26 March (published in the Portuguese Official Journal No. 61/2024, Series I) which entered into force on 27 March 2024	Decree Law amending the waste management, landfilling and the management of specific waste streams subject to the extended product responsibility principle.
3	Decree Law No. 152-D/2017 of 11 December 2017 (published in the Portuguese Official Journal No. 236/2017, pages 88-135), which entered into force on 1 January 2018	Decree Law that unifies the regime for the management of specific waste streams subject to the extended producer responsibility principle.
4	Government Order No. 150/2024/1 of 8 April (published in the Portuguese Official Journal No.	Government Order laying down the criteria for differentiating financial benefits in the context of integrated management of the specific waste

	69/2024, Series I), which entered into force on 9 April 2024.	streams covered by the extended producer responsibility.
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3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Entry into force of a legal act setting out harmonised and mandatory definition of criteria for the eco-modulation of financial benefits in integrated systems under the Extended Producer Responsibility.

Government Order No. 150/2024/1 sets out the eco-modulation criteria for differentiating the financial benefits for each specific waste stream covered by the producer’s extended liability, according to the environmental impact of the products and the actual cost of managing the respective waste (Article 1). The criteria for differentiating financial benefits for each specific waste stream (electrical and electronic equipment, batteries, used oils, vehicles...) are specified in annexes I to VI of Government Order No. 150/2024/1. These criteria shall be applied by managing bodies to modulate financial benefits (Article 2).

Government Order No. 150/2024/1 of 8 April, published in the Portuguese Official Journal No. 69/2024, Series I, entered into force one day after its publication, on 9 April 2024 (Article 9).

The new financial benefits will apply on 01/01/2026 after the end of the transition period necessary for producers to adapt their models to the new eco-modulation criteria.

According to the Article 7 of the Government Order No. 150/2024/1 the eco-modulation criteria specified in the new financial benefits table are applicable from 1 January 2026, introducing this way a transition period: from its entry into force (9 April 2024) to 31 December 2025.

Furthermore, in line with the description of the measure, [the reform] **Encourage further eco-design in manufactured goods by the harmonisation of the criteria for the eco-modulation to be used by producers.**

As explained above, Government Order No. 150/2024/1 sets out the new eco-modulation criteria to be used by producers. By differentiating the financial benefits according to the environmental impact of the products and the actual cost of managing their waste, the reform encourages producers to reduce the environmental impact of their products (‘eco-design’).

Furthermore, in line with the description of the measure, **these criteria shall be made mandatory for the managing entities (associations representing producers of products, packers and suppliers of packaging service) for the implementation of the integrated systems covered by the Extended Producer Responsibility.**

Article 2 of Government Order No. 150/2024/1 establishes that the provisions of the order apply to the managing entities when financial benefits are calculated. Articles 5 and 6 of the Government Order No. 150/2024/1 establish the obligations of the managing entities and the producers respectively. It includes in particular for the managing body: the determination of the amounts of the financial contribution to be charged to the producers and packers following the criteria laid down in the order (Article 5-a), the

verification that the producers and packers comply with the conditions for the application of the criteria (Article 5-d).

Furthermore, in line with the description of the measure, **the criteria shall ensure that the financial models under Article 15 (3) and (4) of Decree-Law No 152/D/2017 reflect the impact of the product on the environment and the real cost of managing waste**

Article 15 of Decree-Law No. 152-D/2017 of 11 December was amended by Article 7 of Decree-Law No. 24/2024 of 26 March.

The amended (consolidated) 15(3) lays out the criteria that are to be included in the model for determining the values of financial benefits accorded to producers. These criteria include the 'real' costs (operating and non-operating expenses) of waste management.

Article 15(4) Decree-Law No. 152-D/2017 as amended by Article 7 of Decree-Law No. 24/2024 establishes that the financing model shall provide for financial benefits differentiated according to the environmental impact of products and the actual cost of managing their waste (...), in particular as regards the use of hazardous substances or mixtures, reusability and reparability, incorporation of recycled materials, recyclability, reuse, recovery and ease of recovery and recycling of products and secondary raw materials they contain.

Article 15(4) of Decree-Law No. 152-D/2017 as amended by Article 7 of Decree-Law No. 24/2024 is further implemented by Government Order No. 150/2024/1, which establishes the criteria for differentiating the financial benefits for each specific waste stream subject to extended producer responsibility. This differentiation is based on the environmental impact of the products and the real cost of managing the respective waste, as the criteria include among other the following characteristics of the products: reparability/durability; recyclability, content of hazardous materials, content of recyclable materials and use of renewable energy in its fabrication (Annexes I, II, III, IV, V and VI of Government Order No. 150/2024/1).

Article 5(a) and (d) of Government Order No. 150/2024/1 establishes that the managing body(ies) shall determine the amounts of financial service to be charged to producers, depending on the application of the criteria laid down in the annexes of the Order relating to the waste stream , and to verify that the producers comply with the conditions for the application of the criteria for differentiating the financial benefits provided for.

Furthermore, in line with the description of the measure, [the criteria shall] **create financial incentives for more durable, repairable and recyclable products by modulating the fees to be paid by producers.**

As explained above, Government Order No. 150/4024/1 establishes the new criteria by modulating the fees. The new financial benefits tables are included in the Annexes to Government Order No. 150/4024/1. The modulation of the fees creates a financial incentive for the producers and packers for more durable, repairable and recyclable products since, as explained above, those are criteria to be taken into account to calculate the fees, meaning that the more the products follow these criteria, the less the producers and packers have to pay.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

12.8 Recovery incentive scheme (deposit and refund system) for non-reusable plastic bottles, ferrous metals and aluminium

Related Measure: C12-r39 Promoting circular economy and more efficient waste management

Qualitative Indicator: Entry into operation of the deposit and refund system

Time: Q4 2023

1. Context:

This measure aims at improving waste prevention, preparing for re-use, recycling and recovery and diversion of waste and at promoting the circular economy.

Milestone 12.8 concerns the entry into operation of a deposit and refund system that shall be applied for non-reusable plastic bottles, ferrous metals and aluminium.

Milestone 12.8 is the second milestone of the implementation of this reform, and it is accompanied by milestone 12.7 related to the entry into force of a legal act setting out a harmonised and mandatory definition of criteria for the eco-modulation of financial benefits in integrated systems under Extended Producer Responsibility in the same payment request. It will be followed by milestone 12.9, related to the entry into force of legislation setting the legal framework for the introduction of a take-back scheme for electric and electronic waste. The reform has a final expected date for implementation in Q4 of 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	This document duly justifies how the target (including the constitutive elements) was satisfactorily fulfilled.
2	Decree-Law No. 24/2024 of 26 March (published in Portugal's Official Journal, ' <i>Diário da República</i> ' No. 61/2024, first series of 26 March 2024), which entered into force on 27 March 2024	This legal act amends the waste management, landfilling and the management of specific waste streams subject to the extended product responsibility principle and introduces a deposit and reimbursement system by amending Decree-Law No. 152-D/2017
3	Decree-Law No. 34/2024 of 17 May (published in Portugal's Official Journal, ' <i>Diário da República</i> ' No. 96/2024, first series of 17 May 2024), which entered into force on 18 May 2024	This legal act amends the licencing regime of the deposit and refund system by amending Decree-Law No. 152-D/2017 and Decree-Law No. 24/2024
4	Decree Law No. 152-D/2017 of 11 December 2017 (published in Portugal's Official Journal, ' <i>Diário da República</i> ' No. 236/2017, first series of 11 December 2017,	This legal act unifies the regime for the management of specific waste streams subject to the extended producer responsibility principle.

	pages 88-135), which entered into force on 1 January 2018	
5	Joint Order of the Minister for the Economy and of the Minister for the Environment and Energy No. 1/ME/MAEN/2024 of 31 May 2024	This legal act approves the licence to operate a deposit and refund system granted to SDR Portugal – Associação de Embaladores
6	License for the management of a Deposit and Refund System , a decision by the Portuguese Environment Agency, I.P. and the Directorate-General for Economic Activities of 31 May 2024	Decision to grant a licence for the management of the deposit and reimbursement system to SDR Portugal – Associação de Embaladores

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

A deposit and refund system shall enter into operation

Article 30a of Decree-Law No. 152-d/2017 as amended by Article 9 of Decree-Law 24/2024, introduces a deposit and refund system (SDR) to complement the management of the beverage packaging waste stream.

Article 30 of Decree-Law No. 152-d/2017 as amended by Article 9 of Decree-Law 24/2024 and Article 2 of Decree-Law No. 34/2024 of 17 May, lays down the main characteristics of the SDR: the final consumer is charged a deposit value for each packaging covered by the system, which can be recovered by returning the packaging used, in places specifically intended for that purpose (30e), repayment of the deposit to the final consumer can be done in various forms (30f), collection points must be installed in various locations (30g, 30h, 30i), the collection and treatment of packaging waste received shall be carried out by the municipalities (30j)...

According to Article 17(1) of Decree-Law 24/2024, the SDR entered into operation on the date of entry into force of this Decree-Law, i.e. on 27 March 2024.

According to Article 30r of Decree-Law No. 152-d/2017 as amended by Article 9 of Decree-Law 24/2024 and Article 2 of Decree-Law No. 34/2024 of 17 May, a license must be granted to a managing body to operate the SDR. Article 30s of Decree-Law No. 152-d/2017 as amended by Article 9 of Decree-Law 24/2024 and Article 2 of Decree-Law No. 34/2024 of 17 May lays down the obligations of the managing body. The licence for the management of the Deposit and Reimbursement System was granted to SDR Portugal- Association of Packaging Officers. This licence is valid until 31 December 2034 and was approved by Joint Order of the Minister for the Economy and of the Minister for the Environment and Energy No. 1/ME/MAEN/2024. The licence lays down the obligations for the licence holder, in particular through contracts with specific stakeholders (Article 4 of Joint Order of the Minister for the Economy and of the Minister for the Environment and Energy No. 1/ME/MAEN/2024), a model for calculating financial benefits for the entire duration of the licence, to be borne by packers (Article 9 of Joint Order of the Minister for the Economy and of the Minister for the Environment and Energy No. 1/ME/MAEN/2024), a Strategic Prevention Plan (Article 10 of Joint Order of the Minister for the Economy and of the Minister for the Environment and Energy No. 1/ME/MAEN/2024), a Plan of Activities (Article 11 Joint Order of the

Minister for the Economy and of the Minister for the Environment and Energy No. 1/ME/MAEN/2024) and a promotion campaign (Article 12 of Joint Order of the Minister for the Economy and of the Minister for the Environment and Energy No. 1/ME/MAEN/2024).

and shall be applied for non-reusable plastic bottles, ferrous metals and aluminium.

According to Article 30b of Decree-Law No. 152-d/2017 as amended by Article 9 of No. 24/2024 of 26 March, the SDR covers non-reusable primary packaging of plastic, ferrous metals and aluminium beverages with a volume of less than three litres, which are placed on the market after the date of entry into operation of the deposit and refund system.

Paragraph 1 of chapter 1.1.1 of the Appendix of the License for the management of a Deposit and Refund System, page 6, apply accordingly the same scope for the SDR.

Furthermore, in line with the description of the measure, [the reform shall] **introduce of a recovery incentive scheme (deposit and refund system) for non-reusable bottles of plastic, ferrous metals and aluminium.**

As explained above, the SDR for non-reusable plastic bottles, ferrous metals and aluminium was introduced through Articles 30a to 30z of Decree-Law No. 152-d/2017 as amended by Article 9 of Decree-Law 24/2024 and Article 2 of Decree-Law 34/2024. The SDR is a system for the recovery of single-use packaging for recycling based on the provision of an economic incentive, in particular for final consumers to return non-reusable beverage packaging to one of the designated collection points and to reimburse the deposit at the time of return.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

15.1 Signature of the contract for the expansion of the Lisbon Metro network

Related Measure: TC-C15-i01 Expansion of the Lisbon Metro Network — Red Line to Alcântara**Qualitative Indicator:** Signature of the contract for the expansion of the Lisbon Metro network**Time:** Q4 2023**1. Context:**

The objective of the measure is to increase the attractiveness of public transport in Lisbon and attract more users through an expansion of the metro network. The investment shall consist of an extension of the Lisbon metro network to Alcântara, adding 3,7 km and four stations to the network. This shall transform Alcântara in a major new transport interface that provides a link between the metro network and sub-urban rail services.

Milestone 15.1 involves the signing of the project implementation contract between the public authorities and the contractor chosen through a tender process. This contract aims to expand the Lisbon Metro network by extending the Red Line to Alcântara.

Milestone 15.1 is the first step of the implementation of the investment. It will be followed by milestone 15.2 and target 15.3, related to a progress report and the completion of the expansion of the Lisbon Metro network, respectively. The implementation of the investment shall be completed by 30 June 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	This document duly justifies how the milestone (including all constitutive elements) was satisfactorily fulfilled.
2	Study on costs and benefits of the Procedure – Design and Construction Contract for the Extension of the Red Line between São Sebastião and Alcântara of the Lisbon Metro, E.P.E. - Proc. No. 125/2022-DLO/ML (Tender Notice No. 27/C15-i01/2023)	Cost-Benefit Analysis – Prolongation of the Lisbon Metropolitan Network between São Sebastião and Alcântara, conducted by PricewaterhouseCoopers & Associates (PWC).
3	Tender Specifications – Procedure Technical Clauses – No. 125/2022-DLO/ML	Tender Specifications – Procedure Technical Clauses for the public tender on the contract for the design and construction of the extension of the Red Line between São Sebastião and Alcântara, of the Metropolitan de Lisboa E.P.E.
4	Notice of Public Competition 65398-2023 (for the Procedure No. 125/2022-DLO/M registration number 2023/S 023-065398), published on 27 January 2023 in the Official Journal of the European Union	The notice of public competition with international advertising provides all the details of the contract for the design and construction of the extension of the Red Line between São Sebastião and Alcântara.

	https://ted.europa.eu/pt/notice/-/detail/65398-2023)	
5	Description of the project proposal ('Memoria descritiva e justificativa', procedure No. 125/2022-DLO/ML).	It explains the project proposal by Mota-Engil, Engineering and Construction, Sociedade Anónima, and SPIE Batignolles International – Sucursal em Portugal.
6	Award decision of the Procedure by the Management Board of the Lisbon Metro – (No. 125/2022-DLO/ML). It was signed by Vitor Manuel Jacinto Domingues Dos Santos on behalf of Lisbon Metro on 4 December 2023.	The Management Board of the Lisbon Metro decided to award the contract to Mota-Engil Engenharia e Construção S.A. and SPIE Batignolles Internacional Sucursal em Portugal.
7	Contract No. ML110/23A signed between Lisbon Metro and the consortium (Agrupamento Complementar de Empresas) 'Metro São Sebastião Alcântara ACE', consisting of Mota-Engil, Engenharia e Construção, Sociedade Anónima, and SPIE Batignolles International – Sucursal em Portugal on 22 December 2023.	The contract concerns the execution of the design and construction of the extension of the Red Line between São Sebastião and Alcântara of the Lisbon Metro.

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Signature of the project implementation contract between the public authorities and the contractor selected in a tender process.

In line with the milestone description, the contractor was selected in a tender process by Metropolitano de Lisboa E.P.E. (also referred to as 'Lisbon Metro').

On 27 January 2023, the Notice of Public Competition 65398-2023 for the tender for the 'Contract for Design and Construction of the Prolongation of the Red Line between São Sebastião and Alcântara, of the Lisbon Metropolitan, E.P.E. – Proc. No. 125/2022-DLO/ML', was published in the Official Journal of the European Union. The tender was accompanied by the Tender Specifications – Procedure Technical clauses – No 125/2022-DLO/ML and Tender Specifications – Procedural legal clauses – No 125/2022-DLO/ML. The proposal submitted by Mota-Engil – Engenharia e Construção, S.A. and SPIE Batignolles Internacional – Sucursal em Portugal was selected after ranking first in the Final Report of the Panel on Procedure.

On 4 December 2023, the Management Board of the Lisbon Metro approved the Award decision of the Procedure by the Management Board of the Lisbon Metro ([No. 125/2022-DLO/ML](#)), awarding the contract to Mota-Engil – Engenharia e Construção, S.A. and SPIE Batignolles Internacional – Sucursal em Portugal.

On 22 December 2023, the contract ML110/23a was signed by the Lisbon Metro and the consortium (Agrupamento Complementar de Empresas) 'Metro São Sebastião Alcântara ACE', consisting of Mota-Engil, Engenharia e Construção, Sociedade Anónima, and SPIE Batignolles International – Sucursal em Portugal.

The purpose of the contract is the expansion of the Lisbon Metro network (Red Line to Alcântara).

Clause 1 of Contract No. ML110/23A reads as follows: *‘The purpose of this contract is the execution by the contractor of the design and construction of the extension of the Red Line between São Sebastião and Alcântara, of the Metropolitano de Lisboa’.*

Furthermore, in line with the description of the measure, **the investment shall consist of an extension of the Lisbon metro network to Alcântara, adding 3,7 km and four stations to the network.**

Tender Specifications – Procedure Technical clauses – No 125/2022-DLO/ML (page 88) indicate that the investment consists of an extension of the Lisbon metro network from São Sebastião to Alcântara, one viaduct from the existing station of São Sebastião and four new stations (three buried stations and one submerged), namely the stations of Campolide/Amoreiras, Campo de Ourique, Infante Santo and Alcântara. The track will be more than 3.7 kilometres long, with a total extension of 4.1 kilometres in accordance with the Description of the project proposal (page 5) submitted by Mota-Engil, Engineering and Construction, Sociedade Anónima, and SPIE Batignolles International – Sucursal em Portugal.

The description of the measure also includes **This shall transform Alcântara in a major new transport interface that provides a link between the metro network and sub-urban rail services.**

As explained in page 10 and 12 of the Study on costs and benefits, this investment will transform Alcântara, which will be the link to the future Sustainable Intermodal Line (LIOS *Linha Intermodal Sustentável*), promoting the connection to the municipality of Oeiras (LIOS Ocidental), making an important contribution to improving mobility in the Lisbon Metropolitan Area by reducing of two thirds of the travelling time. This will also promote the use of public transport to the detriment of individual transport by increasing complementarity and modal articulation between the different modes of transport at Alcântara station. Moreover, with the completion of this investment, the Lisbon Metro will help change mobility habits, attracting new users to public transport, especially in the Lisbon and Cascais/Oeiras area, on the northern edge of the Lisbon Metropolitan Area, and between Lisbon and Montijo/Seixal/Almada, since these are municipalities that have direct links to Cais do Sodré, which includes rail and river transport. It will also help regenerate urban areas, reinforcing the axes connecting the main centres with a significant concentration of services, equipment, employment and housing.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

15.4 Signature of the contract for the expansion of the Porto Metro network

Related Measure: C15.i02 Expansion of the Porto Metro Network — Casa da Música-Santo Ovídio**Qualitative Indicator:** Signature of the contract for the expansion of the Porto Metro network**Time:** Q4 2023**1. Context:**

The objective of the measure is to increase the attractiveness of public transport in Porto through expanding the metro network and address congestion problems of the Porto — Vila Nova de Gaia axis. The investment consists of an extension of the metro network in Porto through the construction of a new double track line with 8 new stations between Boavista/Casa da Música in Porto and a new station to be built in Santo Ovídio in Vila Nova de Gaia.

Milestone 15.4 involves the signing of the project implementation contract between the public authorities and the contractor chosen through a tender process. The purpose of the contract is the expansion of the Porto Metro network (Casa da Música-Santo Ovídio).

Milestone 15.4 is the first step of the implementation of the investment. It will be followed by milestone 15.5 related to a progress report on the implementation of the works and target 15.6 on the completion of the new metro line. The investment has a final expected date for implementation of Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	This document duly justifies how the milestone (including all constitutive elements) was satisfactorily fulfilled.
2	Contract of 03 November 2023 signed by Metro do Porto, S.A and the consortium consisting of FCC Construcción, S.A., Alberto Couto Alves, S.A. and Contratas y Ventas, S.A.U.	Contract concluded for the execution of the construction of the new Ruby line of the Porto metro
3	Notice No. 7601/2023 (published in Portugal's Official Journal, 'Diário da República' No. 91/2023, second series of 11 May 2023, Anúncio de procedimento n.º 7601/2023 DR (diariodarepublica.pt))	This notice specifies the requirements of the works for the new Ruby line of the Porto metro and the major details of the public tender. It refers to tender documentation CO/2023/199 for further details in its point 3.
4	Technical specifications of tender documentation with	Detailed technical information of the tender documentation that accompanies Notice No. 7601/2023.

	internal reference number CO/2023/199	
5	Final report of the jury of the international open competition for the construction of the Ruby line, dated 22 September 2023 and signed by the members of the jury	This report explains the selection process for the award of the contract for the construction of the new Ruby line of the Porto metro and specifies the selected applicant.

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Signature of the project implementation contract between the public authorities and the contractor...

The contract between Metro do Porto and the consortium made up of three companies, FCC Construcción, Alberto Couto Alves and Contratas y Ventas was signed on 3 November 2023.

...selected in a tender process.

The contractor was selected through an open call for tender, Notice No. 7601/2023, which was published in *Diário da República* on 11 May 2023 with a submission deadline 69 days after its publication (point 10 of Notice No. 7601/2023). The final report shows the results of the public tender and that of the two applicants, applicant 2 was selected, which consists of FCC Construcción, S.A., Alberto Couto Alves, S.A. and Contratas y Ventas, S.A.U. (page 119 of final report).

The purpose of the contract is the expansion of the Porto Metro network (Casa da Música-Santo Ovídio).

Clause 1 of the contract states that the object of the contract is the implementation of the Ruby Line between Casa da Música - Santo Ovídio.

Furthermore, in line with the description of the measure, **the investment shall consist of an extension of the metro network in Porto through the construction of a new 6.74 km double track line with eight new stations between Boavista/Casa da Música in Porto and a new station to be built in Santo Ovídio (interface with the Amarela line) in Vila Nova de Gaia.**

Point 2.1.3 of the technical specifications states that the extension will consist of a new 6.74 km double track line including eight new stations between Boavista/Casa da Música in Porto and a new station to be built in Santo Ovídio (interfacing with the Amarela line) in Vila Nova de Gaia. Point 2.1.5 further outlines that the eight stations will be at Casa da Música, Campo Alegre, Arrabida, Candal, Rotundam Devesas, Soares dos Reis and Santo Ovidio.

Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

15.13 Purchase of new zero emission (electric or hydrogen) buses used for public transport

Related Measure: C15.i05 Decarbonisation of public transport**Quantitative Indicator:** Number**Baseline:** 0**Target:** 145**Time:** Q4 2023**1. Context:**

This measure aims to renew and decarbonise the fleet of buses for public passenger transport in the Lisbon and Porto Metropolitan Areas through the provision of zero-emission buses and charging infrastructure for their use. The support is given to transport operators in the form of a non-reimbursable grant of the difference between the purchase costs of a zero emission (electric or hydrogen) bus and a diesel equivalent vehicle (EURO VI).

Target 15.13 consists of 145 new zero emission (electric or hydrogen) buses purchased and ready for operation in Lisbon and Porto Metropolitan Areas for the provision of public passenger transport services.

Target 15.13 is the second and last target of the investment, and it follows the completion of milestone 15.12, related to the signature of contract between the transport operators and the implementing body for the purchase of 145 zero-emission buses.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	This document duly justifies how the milestone (including all constitutive elements) was satisfactorily fulfilled.
2	Delivery certificates for 197 buses signed by the respective transport operator, identifying each bus by its vehicle registration number	Delivery certificate of 13 October 2023 signed by Alsa Todi. This certificate demonstrates the proof the receipt of 44 buses from the supplier.
		Delivery certificates of 11 July 2023- 13 October 2023 signed by JJ Santo Antonio. The certificates demonstrate the proof the receipt of 38 buses from the supplier.
		Delivery certificates of 13 October 2023 signed by Scotturb – Transportes Urbanos, Lda. The certificates demonstrate the proof the receipt of 20 buses from the supplier.
		Delivery certificates of 24 July 2023 signed by Vimeca Transportes. This certificate demonstrates the proof the receipt of 20 buses from the supplier.

		Delivery certificates of December 2023 signed by Sociedade de Transportes Colectivos do Porto (STCP). The certificates demonstrate the proof the receipt of 48 buses from the supplier.
		Delivery certificates of November 2023 signed by Auto Viação Feirense. The certificates demonstrate the proof the receipt of 27 buses from the supplier.
3	197 vehicle registration documents issued between 7 July 2022 and 6 February 2024	These documents, based on the EU standard, are unique to each vehicle and contain essential identification information such as registration details and ownership
4	197 authorising licences signed by the Institute for Mobility and Transport	These licences are issued by the Institute for Mobility and Transport (IMT) to each transport operator permitting the bus, identified by its vehicle registration number, for public passenger transport on national territory.
5	Six contracts (terms of acceptance) of 22 September 2022 signed by transport operators	Terms of acceptance concluded between Fundo Ambiental and Alsa Todi, JJ Santo Antonio, Scotturb – Transportes Urbanos, Lda, Vimeca Transportes, Auto Viação Feirense, and STCP for the acquisition of zero-emission buses and charging infrastructure.
6	Delivery certificates for charging points signed by the respective transport operators	Delivery certificates of 25 May 2023 signed by Auto Viação Feirense. This certificate demonstrates the proof of delivery of eight charging points from the supplier.
		Delivery certificates of 15 September 2023 signed by Alsa Todi. This certificate demonstrates the proof the receipt of 44 charging points from the supplier.
		Delivery certificates of July 2023 signed by supplier and Vimeca Transportes This certificate demonstrates the proof the receipt of 10 charging points from the supplier.
7	Inspection report of 30 November 2023 signed by Energia Fundamental and STCP	This report confirms the installation of charging infrastructure.

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the target.

Number of new zero emission (electric or hydrogen) buses purchased...

The target requires the purchase of 145 zero emission buses. Portuguese authorities provided evidence for 197 buses to be considered for this target. This exceeds the 145 buses required under the quantitative indicator. The buses are identifiable by their respective vehicle registration number which can be found on their respective delivery certificates, vehicle registration document and passenger transport licence.

The Portuguese authorities provided delivery certificates for 197 buses as proof that the buses were newly purchased. These certificates are required by the six contracts (terms of acceptance) concluded between each transport operator and Fundo Ambiental, the implementing body for the investment. In this respect, the terms of acceptance ('Termos de Aceitação') are 'standard contractual clauses' which take the form of a 'contract of adhesion' (contracts where one of the parties has limited to no negotiating power) in the Portuguese legal system. The delivery certificates for 197 buses are signed by the respective transport operator and identify the bus by its vehicle registration number.

The 197 vehicle registration documents provided for each bus is based on EU Directive (1999/37/EU), which harmonises the data shown on Member State vehicle registration documents, in particular through harmonised Community codes. Community code (A) is the vehicle registration number, (C.1) states the holder of the registration certificate, (J.2) is for type of vehicle and (P.3) shows the type of fuel or power source. Each of the 197 vehicle registration documents confirm the correct registration number, owner of the bus, that the vehicle type is 'passenger' and that the vehicles are electric powered.

and ready for operation for the provision of public passenger transport services

197 authorising licences were issued by the Institute for Mobility and Transport (IMT) to each operator authorising the use of each bus, identified by its registration number, for public passenger transport on national territory. The 197 authorising licences were provided for each bus and were cross-referenced with the delivery certificates for 197 buses and the 197 vehicle registration documents using the vehicle registration number.

The 197 vehicle registration documents, which also show that the buses are fit for passenger transport (code J.2 as mentioned above), and the 97 authorising licences are prerequisites for the buses to be used on Portuguese roads, thus demonstrating that the buses are ready for operation.

in Lisbon and Porto Metropolitan Areas.

The investment fiches annexed to the six contracts (terms of acceptance) specify the geographic area in which the public passenger transport service shall be provided. In the case of contracts (terms of acceptance) concluded with transport operators Alsa Todi, JJ Santo Antonio, Scotturb – Transportes Urbanos, Vimeca Transportes and Auto Viação Feirense, the designated geographic area is Lisbon Metropolitan Area. In the case of the contract (terms of acceptance) concluded with the transport operator STCP, the designated geographic area is Porto Metropolitan Area.

Furthermore, in line with the description of the measure, **charging infrastructure for their operation** is in place. In Lisbon Metropolitan Area, transport operators Auto Viação Feirense, Alsa Todi, and Vimeca Transportes, are required under clause 6 of the contracts (terms of acceptance) to install such infrastructure. Charging infrastructure has been installed as demonstrated by the respective delivery certificates for charging points. Similarly, the installation of such infrastructure is completed in the Porto Metropolitan Area as demonstrated by the inspection report signed by the transport operator, STCP and Energia Fundamental.

4. Commission Preliminary Assessment: Satisfactorily fulfilled.

Number and name of the Milestone:

15.14 Entry into force of legislation to improve access conditions to public transport

Related Measure: C15.r30 Transport Ecosystem Reform**Qualitative Indicator:** Provision in the legislation indicating the entry into force of the legislation**Time:** Q4 2023**1. Context:**

The objective of the 'Transport Ecosystem Reform' is to strengthen public transport authorities' ability to better plan the transport systems they manage and enhance the usage of public transport. The reform supports transport management authorities in all Metropolitan Areas and Inter-municipal Communities. It improves access conditions to public transport and the implements fiscal measures benefiting the users of public transport.

Milestone 15.14 consists of the entry into force of legislation to implement programmes for reduced tariffs and better and more climate-friendly transport services, and the implementation of fiscal measures.

Milestone 15.14 is the only milestone of the reform, which has a final expected date for implementation in Q4 2023.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	This document duly justifies how the milestone (including all constitutive elements) was satisfactorily fulfilled.
2	Decree-Law No. 21/2024 of 19 March (published in Portugal's Official Journal 'Diário da República' No. 56/2024, first series of 19 March 2024) which entered into force on 1 January 2024.	This legal act reforms the funding programmes for public passenger transport services, allocating funding to the 2 metropolitan areas (AMs) and 21 inter-municipal communities (CIMs).
3	Law No. 24-D/2022 of 30 December (published in Portugal's Official Journal 'Diário da República' No. 251/2022, first series of 30 December 2022, pages 90-377) which entered into force on 1 January 2023.	This legal act establishes a fiscal incentive to use public transports.
4	Law No. 52/2015 , of 9 June (published in Portugal's Official Journal 'Diário da República' No. 111/2015, first series o of 9 June 2015) which entered into force on 8 August 2015.	This legal act approves the legal regime of the Public Passenger Transport Service in accordance with Regulation (EC) No.1370/2007.

3. Analysis:

The justification and substantiating evidence provided by Portugal's authorities cover all constitutive elements of the milestone.

Entry into force of legislation to improve the access conditions to public transport through the implementation of programmes for reduced tariffs (Programa de Apoio à Redução do Tarifário dos Transportes Públicos, PART) and better and more climate-friendly transport services (Programa de Apoio à Densificação e Reforço da Oferta de Transporte Público, PROTransP).

Portugal adopted Decree-Law No. 21/2024, which entered into force on 1 January 2024, according to its Article 16. Decree-Law No. 21/2024 establishes the legal framework of the new Incentive Programme for Collective Public Transport of Passengers (Incentiva + TP).

The Council Implementing decision required to improve the access conditions to public transport through the implementation of programmes for reduced tariffs (PART) and better and more climate-friendly transport services (PROTransP). However, Portugal has instead adopted Decree-Law No. 21/2024 to establish a new programme, Incentiva +TP. This programme incorporates and replaces the Programme to Support the Reduction of Tariffs in Public Transport (PART) and the Programme to Support the Densification and Strengthening of the Public Transport Offer (PROTransP) (Article 1). Whilst this constitutes a minimal substantive deviation from the requirement of the Council Implementing Decision, Decree Law No. 21/2024 (preamble and Article 1) shows that the scope remains consistent with that of the two programs and the resources of these two programmes, together with the extraordinary funds allocated to transport (Extra PART), were merged to create Incentiva +TP, therefore the implementation of Incentiva +TP implements both PART and PROTransP. Incentiva +TP improves the access conditions to and the provision of public transport by ensuring affordability (Article 3(1) of Decree Law No. 21/2024) and enhancing service availability in underserved regions (Article 6(1) Decree-Law No. 21/2024). Incentiva+TP consolidates funding streams by establishing a stable funding mechanism to sustain current fare prices (preamble and Article 4 of Decree Law No. 21/2024). Incentiva+TP also enables better transport services by providing support for investment in modernising and improving the efficiency of the collective public transport system, including its monitoring systems (Article 3d of Decree Law No. 21/2024). A more efficient and more affordable public transport system, in turn, increases public transportation utilisation, diminishing greenhouse gas emissions and pollution inherent to private vehicles usage. Additionally, Incentiva +TP also supports transport authorities in the development of sustainable urban mobility plans (Article 3e of Decree Law No. 21/2024), which also increases the offer of climate-friendly transport services.

The legislation should set out support for the two Metropolitan Areas and 21 Intermunicipal Communities.

As mentioned above, Decree-Law No. 21/2024 established Incentiva + TP which is a programme to finance the activities of transport management authorities, public passenger transport service obligations, and measures to promote the collective public transport (Article 2). The transport management authorities of the inter-municipal public passenger transport services are the inter-municipal communities and the Metropolitan Areas of Lisbon and Porto. The transport management authorities of the municipal public passenger transport services are the municipalities (articles 6, 7 and 8 of the Law No. 52/2015 approving the Legal Framework for the Public Passenger Transport Service (RJSPTP)).

Incentiva + TP supports the activities of the transport management authorities, namely the two Metropolitan Areas and the 21 Inter-municipal communities, the public service obligations of public

transport operators as well as measures to promote the collective public transport (Article 2 of Decree Law No. 21/2024). In particular, Decree-Law No. 21/2024 defines the distribution of funds between the two Metropolitan Areas and the 21 Inter-municipal Communities to support rail, road and inland waterways public passenger transport services (article 6 and Annex I).

Furthermore, in line with the description of the measure, the reform shall also **‘improve the access conditions to public transport through [...] the implementation of fiscal measures benefiting the user of public transport, such as the fiscal deduction of the value-added tax associated to the purchase of monthly public transport tickets’**.

Portugal adopted Law No. 24-D/2022, which entered into force on 1 January 2023, under its article 283. Amongst others, Article 218 of Law No. 24-D/2022 revised Article 78F(3) of the personal income tax code, establishing that the value added tax paid on the purchase of monthly passes or tickets for the user and any member of his/her household, is deductible from the user’s personal income tax.

Moreover, Article 7 of Decree-Law No. 21/2024 includes the possibility of improving access to public transport by offering discounts, which can be promoted either by the state or the transport authorities. Article 7 point 2 reads as follows: *‘The discounts promoted by the State, in particular through the travel passes for young students and Social+, shall be applied to the retail prices of the standard ticket reference fare, established in accordance with the preceding paragraph, without prejudice to the fact that the transport authorities may grant additional discounts, in the context of the Incentiva + TP, to those population segments already supported by the State.*

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the target:

16.14 Setting up of services for sending digital invoices and cybersecurity, privacy, usability and sustainability certifications

Related Measure: C16.i03 Catalyst for the Digital Transition of Enterprises

Qualitative Indicator: Setting up of platforms for sending digital invoices and cybersecurity, privacy, usability and sustainability certifications

Target: 0

Time: Q4 2023

1. Context:

The objectives of the measure are to contribute to the digital and environmental transition of the business environment in Portugal. The investment has three sub-measures: 1) reducing paper usage through a digital invoice IT platform, 2) providing certification to end users on i) cybersecurity, ii) privacy, iii) usability and iv) sustainability; and 3) supporting companies and public administration entities through digital innovation hubs to become more competitive in the digital sphere through automation or incorporation of disruptive technologies.

Milestone 16.14 relates to the first two sub-measures and requires the operation of the digital invoice and certification platforms. Certification is an exercise that companies can voluntarily participate in to obtain a ‘seal’ to demonstrate their digital maturity.

It is the second milestone of the investment. It follows target 16.13 on the selection of consortia for the creation of the Digital Innovation Hubs (DIHs), as well as 16.15 related to the consultancy services provide by the DIHs. The investment has a final expected date for implementation in Q4 2023.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	This document duly justifies how the target (including all constitutive elements) was satisfactorily fulfilled.
2	Implementation report by the Implementing Body IAPMEI – Agency for Competitiveness and Innovation, dated and signed on 11 October 2024.	This report explains the activities that led to the set of the digital platform supporting the invoicing and certification services, the structure of the digital platforms as well as the process for joining the invoicing service and for obtaining the digital maturity seals. The report also explains the back office of the certification platform as well as the communication activities.

3	Link to the digital invoices' platform: https://eportugal.gov.pt/faturas-sem-papel	Link to the publicly available IT platform for paperless digital invoices. Commission services verified on 20 September 2024 that the platform is operational.
4	Certificate of completion of the digital invoices' platform signed by the contracting authority AMA and the contractor <i>Tekever IV</i> on 4 January 2023.	The certificate shows that the work constituting the backend development services of the above-mentioned service was examined and considered completed
5	Link to the certification platform: https://selosmaturidadedigital.incm.pt/	Link to the publicly available certification platform on cybersecurity, privacy, usability and sustainability. Commission services verified that the platform is completed and operational on 20 September 2024.
6	Link to the ecosystem section of the certification platform: https://selosmaturidadedigital.incm.pt/Ecosystem)	Link to the ecosystem section of the certification platform, which consists of the centralised repository of certified organisation and the relative certificates as well as the list contact information (telephone number, email, website) of the certifying bodies. Commission services verified on 20 September 2024 that the platform is operational.
7	Link to the 'how to get' section of the certification platform https://selosmaturidadedigital.incm.pt/HowToGet	Link to the 'how to get' section of the certification platform, which explains the steps for obtaining certification seals. Commission services verified on 20 September 2024 that the platform is operational.
8	Certificate for the completion of the certification platform for the cybersecurity, privacy, usability and sustainability certification services signed the contracting authority <i>Impresa Nacional-Casa da Moeda</i> and the contractor <i>Inetum</i> on 11 October 2024.	The certificate shows that the works for the development of the digital platform were completed, and the four certification services are available on the platform.
9	Links to the digital invoices communication campaigns https://www.linkedin.com/posts/ama-gov-pt_faturas-sem-papel-activity-7043566166803460096-8l8B https://www.portugal.gov.pt/pt/gc23/comunicacao/multimedia?m=v&i=apresentacao-do-servico-faturas-sem-papel;	Links to the public communication campaigns related to digital invoices. Commission services verified the evidence on 20 September 2024.

10	<p>Link to the digital marketing campaigns https://lookerstudio.google.com/reporting/75b7774b-3493-4f6f-acae-30dfee7bb95b/page/p_2u9zrefped</p>	<p>Link to online real-time data on the digital marketing campaigns for the seals of digital maturity, including amounts invested and the reach of each post. Commission services verified the evidence on 20 September 2024.</p>
11	<p>Link to conference on digital maturity seals (held on 15 December 2021) https://www.youtube.com/watch?v=EYaS_UVDPjY</p>	<p>Link to the video recording of a conference 'Selos de Maturidade Digital – Portugal pioneiro na certificação' organised to raise awareness on the digital maturity seals. Video posted on the INCM Imprensa Nacional-Casa da Moeda on 15 December 2021. Commission services verified the evidence on 20 September 2024.</p>
12	<p>Links to social media accounts https://www.linkedin.com/showcase/selos-maturidade-digital-incm/posts/?feedView=all; https://www.instagram.com/selosmaturidadedigital.incm.pt/; https://www.facebook.com/selosmaturidadedigital.incm.pt/</p>	<p>Link to the social media accounts created to disseminate information on the digital maturity seals. Commission services verified the evidence on 20 September 2024.</p>
13	<p>Links to videos on digital maturity seals Cybersecurity: https://www.youtube.com/watch?v=1vi9-BDiaWU&t=1s Accessibility: https://www.youtube.com/watch?v=rhz9vK-bh60 Sustainability: https://www.youtube.com/watch?v=yIcNQEICtD0</p>	<p>Links to promotional video that explain the digital maturity seals</p>

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Five new services shall be set up for: 1) sending digital invoices;

Furthermore, in line with the measure description **the investment shall consist of [...] the 'Dematerialisation of invoicing', with a project aimed at reducing paper use through a digital invoice sending platform;**

The certificate of completion of the digital invoices' platform signed by the contracting authority AMA and the contractor Tekever IV on 4 January 2023 and the link to the digital invoices' platform (<https://eportugal.gov.pt/faturas-sem-papel>) show that the platform to send digital invoices has been set up. The 'Facturas sem Papel' (FSP) service has been introduced to reduce paper consumption, cut associated costs, facilitate document organisation, and expedite the circulation of invoices. This service

enables any taxpayer to receive invoices via email. Both individuals and businesses can opt into this service and receive digital invoices for purchases made at commercial establishments using affiliated billing systems. To subscribe, taxpayers must register or authenticate on the ePortugal portal using either the Digital Mobile Key (CMD) or their citizen card. Since June 2023, the platform for issuing digital invoices has been available on the Public Services Portal as shown by the link to the digital invoices' platform, and its development and implementation are now fully completed and integrated.

2) cybersecurity certification,

3) privacy certification,

4) usability certification and

5) sustainability certification;

The certificate of the completion of the certification platform for the cybersecurity, privacy, usability and sustainability certification services (signed by the contracting authority, Portuguese National Mint *Impresa Nacional-Casa da Moeda* (INCM), and the contractor *Inetum* on 11 October 2024) and the link to the certification platform 'Digital Maturity Seals' available on the website of the Portuguese National Mint '*Impresa Nacional-Casa da Moeda* (INCM)' at <https://selosmatudadedigital.incm.pt> show that the platform to offer certification services in the four areas above has been set up.

Instead of the word 'usability' now 'accessibility' (acessibilidade) is used in the digital platform as well as in the legal basis, which was assessed under milestone 16.1 (Positive preliminary assessment of the satisfactory fulfilment of milestones and targets related to the second payment request submitted by Portugal on 30 September 2022, transmitted to the Economic and Financial Committee by the European Commission on 16 December 2022). This is due to the fact that the concept of accessibility encompasses the concept of usability to take into account also the needs of people with disabilities.

including the related dissemination campaigns on all services.

The widespread adoption of 'Faturas sem Papel' (FSP) service largely relies on the availability, visibility, and accessibility of billing software within companies. To encourage businesses to embrace FSP, various communication efforts have been undertaken, including the links to the digital invoices' communication campaigns show the promotion of FSP on Agência para a Modernização Administrativa AMA social media page and the government's communications website, as well as with a YouTube video published on 17 March 2023 explaining how to adhere to the FSP.

A global communication campaign was set up for the four digital certification services cybersecurity, privacy, usability and sustainability, aiming to maximise synergies. To this end, the global campaign was officially launched in March 2023, with the initiative's presence established on major social media platforms.

- The link to the digital marketing campaigns (https://lookerstudio.google.com/reporting/75b7774b-3493-4f6f-acae-30dfce7bb95b/page/p_2u9zrefped) shows real-time information on digital marketing campaigns

related to certification services, including details of investments (more than EUR 15 000 spent since April 2023) and the reach of each post.

- The links to social media accounts in relation to the dissemination campaigns on all certification services also show that Portuguese authorities disseminate information on the new services on their social media accounts:

<https://www.linkedin.com/showcase/selos-maturidade-digital-incm/posts/?feedView=all> ;

<https://www.instagram.com/selosmaturidadedigital.incm.pt/>;

<https://www.facebook.com/selosmaturidadedigital.incm.pt/>.

- Links to videos on digital maturity seals shows that promotional videos were produced and published to promote and explain the digital certification services.

Cybersecurity: <https://www.youtube.com/watch?v=1vi9-BDiaWU&t=1s>

Accessibility: <https://www.youtube.com/watch?v=rhz9vK-bh60>

Sustainability: <https://www.youtube.com/watch?v=yICnQEICtD0>

- In addition to the above, the Portuguese authorities organised on 15 December 2021 a conference on digital certification services, as shown by the link to conference on digital maturity seals: https://www.youtube.com/watch?v=EYaS_UVDPjY;

Furthermore, in line with the measure description, **the investment consists in a campaign [...] to empower conformity assessment bodies or technical assessment entities that support the certification seals in those areas.**

As shown in the implementation report (page 9), the communication campaigns are empowering the certifying bodies that are involved in the implementation of the digital certification services with communication material posted on social media, which promotes the certifying bodies and explains which certifying bodies offers what type of digital certification service.

The certification services shall support the applications and submission of certification requests, process management, issuing and centralised repository of certificates and seals issued.

The link to the certification platform (<https://selosmaturidadedigital.incm.pt>) as well as the implementation report (by IAPMEI – Agency for Competitiveness and Innovation, dated and signed on 11 October 2024, please see page 3) show that the digital platform supports the application and submission of certification request as it includes a front-office area for public viewing, as well as a back-office section where institutions and authorised users can access private information related to their certifications. As show by the link to the 'how to get' section of the certification platform (<https://selosmaturidadedigital.incm.pt/HowToGet>), as well as the implementation report (page 3), the process for obtaining certification seals involves the following steps: (1) selecting the dimension (cybersecurity/privacy/accessibility/sustainability) to be certified and purchasing the regulatory standard provided by the Portuguese Institute for Quality (IPQ) via the email vendas@ipq.pt; (2) contacting and submitting the application to the certifying bodies; (3) the certifying bodies reviewing the applications; and (4) evaluation, audit, certification decision, and issuance of the service; (5) publication of the certificate on the centralised repository that can be found at the link to the ecosystem section of the certification platform (<https://selosmaturidadedigital.incm.pt/Ecosystem>), where certified organisation and the relative certificates are reported.

The certification services shall also support communication between all partners and entities involved in the processes, as well as generating procedural data relevant to the monitoring of the programme.

Link to the digital invoices' platform (<https://eportugal.gov.pt/faturas-sem-papel>) shows that the platform enables communication between businesses and citizens for the sending of invoices and also allows customers to request these documents. The BackOffice area of this application allows to collect real-time data to monitor the implementation of the service.

The link to the ecosystem section of the certification platform (<https://selosmaturidadedigital.incm.pt/Ecosystem>) shows that the communication among all partners and entities, as the contact information (telephone number, email, website) of the certifying bodies is there.

As explained above, the monitoring of the programme is enabled by the centralised repository that can be found at the link to the ecosystem section of the certification platform, where certified organisation and the respective certificates are reported.

Additionally, the implementation report (pages 11-15) shows that the certifying bodies have access to the restricted access area of the platform 'acesso reservado', where through some steps they can register a new certification.

Furthermore, as it is explained in the implementation report (page 4), the programme is closely monitored by the responsible institution INCM Impresa Nacional-Casa da Moeda, which liaises with certifying bodies on a regular basis to ensure certification flows are proceeding smoothly and without any bottlenecks. INCM also reports on project progress to investment implementing body IAPMEI with quarterly progress reports.

The services have to be operational and accessible to the intended users.

As explained above, the certificate of completion of the certification platform for the cybersecurity, privacy, usability and sustainability certification services (signed by the contracting authority *Impresa Nacional-Casa da Moeda* (INCM) and the contractor *Inetum* on 11 October 2024) shows that the services are available and accessible to users.

The milestone is further specified in the Operational Arrangements, which requires that **the channels by which the five services are offered can also be aggregated.**

Portugal set up one digital platform for the digital invoicing service as shown by the link to the digital invoices' platform (<https://eportugal.gov.pt/faturas-sem-papel>) while it aggregated all four certification services in a single 'channel' as explained above and shown by link to the digital certification platform (<https://selosmaturidadedigital.incm.pt>).

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

16.16 Selection of Industry 4.0 projects

Related Measure: C16-i04 Industry 4.0**Quantitative Indicator:** number**Baseline:** 0**Target:** 200**Time:** Q4 2023**1. Context:**

The objective of the measure is to support industrial research, experimental development, organisational and process innovation projects, to foster the digital transformation of companies.

Target 16.16 is about the selection of 200 Industry 4.0 projects for support.

Target 16.16 is the first step of the implementation of the measure, and it will be followed by Target 16.17 related to the completion of these projects. The investment has a final expected date for implementation in Q4 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	This document duly justifies how the target (including all constitutive elements) was satisfactorily fulfilled
2	List of the 408 Industry 4.0 projects selected	List of the 408 Industry 4.0 projects selected, with information on the typology of actions. This list was used for the selection of the sample.
3	Notice No. 01/C16-04/2023 , published on 30 November 2023 (1th investment Opening Notice "Investment TD-C16-i04: Industry 4.0" (Call for tenders No 01/C16-i04/2023) – PRR – Restore Portugal)	Call for tender for second amendment to the Incentives Scheme Regulations 'Enterprises 4.0. The tender also calls on projects to comply with the typology of actions described in the measure's description.
4	Government Order No. 396-B/2023 of 27 November published in Portugal's Official Journal, ' <i>Diário da República</i> ' No. 251/2022, first series of 30 December 2022, pages 90-377), which entered into force on 28 November 2023. (Portaria n.º 396-B/2023 DR (diariodarepublica.pt))	Legislation setting out details of the support schemes of Component 16 'Enterprises 4.0' of the Portuguese Recovery and Resilience Plan. This legislation amends Government Order No. 135-A/2022 of 1 April, which was also amended by Government Order No. 43/2023 of 10 February.

5	<p>Project application documents from the application IT system (submitted by applicants from 30 November 2023 to 20 December 2023)</p>	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 units for further verification of the target in the application IT system.</p> <p>The project application documents for all 60 units selected in the sample were extracted from the application IT system and submitted. The project application documents were submitted by applicants and include a short summary and then a detailed description of each project, indicating the typology of the investment and the total cost of the project.</p> <p>Commission services verified that the project application documents for all 60 units exist in the application IT system on 25 July 2024 via a virtual Teams meeting.</p>
6	<p>Notifications of selection from the award IT system (notified by IAPMEI - Agency for Competitiveness and Innovation on 8 March 2024)</p>	<p>In the context of the sampling analysis, supporting documents were provided for the list of 60 units for further verification of the target in the award IT system.</p> <p>The notifications of selection for all 60 units selected in the sample were extracted from the award IT system and submitted. The notifications of selection by implementing body IAPMEI - Agency for Competitiveness and Innovation explain the decision that the project was approved and sets out the amount of non-repayable support given to the project.</p> <p>Commission services verified that the notifications of selection for all 60 units exist in the award IT system on 25 July 2024 via a virtual Teams meeting.</p>

3. Analysis:

The justification and substantiating evidence provided by Portuguese authorities cover all constitutive elements of the target.

Industry 4.0 projects shall be selected

The target requires the selection 200 Industry 4.0 projects. Government Order No. 396-B/2023 was published on 27 November 2023 and entered into force on 28 November 2023, according to its Article 3. Government Order No. 396-B/2023 amends Government Order No. 135-A/2022, which was also amended by Government Order No. 43/2023 (article 1 of Government Order No. 396-B/2023) and regulates the incentives scheme related to this measure preamble of Government Order No. 396-B/2023). Following the publication of Government Order No. 396-B/2023, a call for tender was launched on 30 November 2023 through Notice No. 01/C16-i04/2023.

Following the end of the call’s duration, 408 Industry 4.0 projects were selected. Selected projects were notified through the IT system of the project. Specifically, each selected project received a notification of selection in the IT system.

The notifications of selection provided for the sampling exercise by Portugal proved that the 60 sampled projects had been selected. The analysis of the evidence confirmed that these 60 projects in the list of the 408 Industry 4.0 projects had been selected.

The projects shall comply with the typology of action described in the description of the measure.

Furthermore, in line with the description of the measure, **this measure shall support 200 investment projects that fall within at least one of the following areas of action:**

- 1. Digital transition of operational processes including production and logistical management and planning.**
- 2. Solutions for advanced data storage, management and processing.**
- 3. Artificial intelligence solutions applied to the production process.**
- 4. Digital representations and virtual modelling (Digital Twins), simulation, and industrial modelling.**
- 5. Sketch and additive manufacturing.**
- 6. Augmented reality projects, virtual reality and artificial vision applied to processes.**
- 7. Collaborative and cognitive robotics, human-machine interface, cyber-physics systems.**
- 8. Sensor and advanced electronics, Internet of Things, cloud and edge solutions.**
- 9. Network, communication, and advanced computing infrastructures associated with processes.**
- 10. Innovative software, interoperability of systems.**

Selected projects were notified through the award IT system of the implementing body IAPMEI - Agency for Competitiveness and Innovation. Specifically, each selected project received a notification of selection in the award IT system.

For each selected project, the application IT system includes their project application document. Each selected project application document lists the above 10 typologies and each applicant had to indicate which typology the project falls under.

Each project application document provided for the sampling exercise by Portugal indicated at least one of the above 10 typologies and the indicated typology was also consistent with the description of the project.

Action typology	Number of projects falling in the action typology in the sample
T1	58
T2	22
T3	17
T4	7
T5	4
T6	5
T7	23
T8	31
T9	25
T10	26

The analysis of the evidence confirmed that projects in the list of the 408 Industry 4.0 projects comply with the above 10 typologies.

The selection criteria shall ensure compliance with the ‘Do no significant harm’ Technical Guidance (2021/C58/01) of supported transactions under this measure through the use of an exclusion list as specified in the description of the measure and the requirement of compliance with the relevant EU and national environmental legislation.

Notice No. 01/C16-i04/2023 includes the relevant exclusion list and DNSH requirements as a binding requirement for each project (Annex I of Notice No. 01/C16-i04/2023) and the requirement to comply with the relevant EU and national environmental legislation (point c of point 6.1 of Notice No. 01/C16-i04/2023).

Furthermore, in line with the description of the measure, **for tenders, in order to ensure that the measure complies with the ‘Do no significant harm’ Technical Guidance (2021/C58/01), the eligibility criteria contained in terms of reference for upcoming calls for projects shall exclude the following list of activities: i) activities related to fossil fuels, including downstream use; ii) activities under the EU Emission Trading System (ETS) achieving projected greenhouse gas emissions that are not lower than the relevant benchmarks; iii) activities related to waste landfills, incinerators and mechanical biological treatment plants. The terms of reference shall additionally require that only activities that comply with relevant EU and national environmental legislation may be selected.**

Notice No. 01/C16-i04/2023 includes the relevant exclusion list and DNSH requirements as a binding requirement for each project (Annex I of Notice No. 01/C16-i04/2023).

4. Commission Preliminary Assessment: Satisfactorily Fulfilled

Number and name of the Milestone:

17.21 Complete the implementation of pre-filling of specific transaction subject to the stamp duty

Related Measure: TD-C17-i02 - Modernisation of the information systems of the Tax and Customs Authority for rural property taxation

Qualitative Indicator: Complete the implementation of pre-filling of specific transaction subject to the stamp duty

Time: Q4 2023

1. Context:

The objective of the investment is advancing in the digitalisation of all processes related to rural property taxation and implementing pre-filled services for specific declarative obligations.

Milestone 17.21 is the second milestone of this investment, and it follows the completion of milestone 17.15, related to the implementation of pre-filling for the municipal immovable property tax. Milestone 17.21 involves the implementation of pre-filling services for real estate and vehicle transfer transactions subject to stamp duty.

Milestone 17.21 will be followed by milestones 17.16 and 17.17, related to the provision and operationalisation of the final version of the information system supporting the simplified assessment of rural properties, and the completion of the soil and climate characterisation and assessment of the economic potential of rural properties, respectively. The investment has a final expected date for implementation in Q4 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the milestone (including all the constitutive elements) was satisfactorily fulfilled
2	Implementation report for pre-filling of Model 1 of the stamp duty, signed by the Tax and Customs Authority on 2 April 2024	Implementation report signed by the contracting authority (Tax and Customs Authority on 2 April 2024 for pre-filling services for specific transactions subject to stamp duty, as real estate, and vehicle transfers, including the description of workflows and systems).
3	Certificate of works completion for pre-filling of Model 1 of the stamp duty, signed by OPENSOFTE on 26 March 2026	Certificate of works completion annexed to the implementation report signed by the contractor (OPENSOFTE) on 26 March 2024 confirming that pre-filling services for real estate and vehicle transmission subject to the stamp duty are implemented and fully operational.

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Complete implementation of pre-filing services for free transfers of real estate and vehicle related to succession upon death subject to the stamp duty ('Imposto do Selo')...

Furthermore, in line with the description of the measure, **declarative pre-filing services (notably for immovable property taxation and specific transaction of the stamp duty) were developed.**

Pre-filled Model 1 declarations were made available on 2 August 2023 (implementation report section (d) page 20) to taxpayers for free transfers of real estate and vehicle transactions related to succession upon death subject to the stamp duty ('Imposto do Selo') on the Tax and Customs Authority online platform ('Portal das Finanças') (implementation report section (b) pages 9-14 and certificate of works completion).

...taking advantage of existing information about properties available to the Tax and Customs Authorities, the Mobility and Transport Institute (IMT) and the Institute for Registers and Notaries (IRN).

The pre-filing of declarations for Model 1 of the stamp duty takes advantage of existing information about properties available to the Tax and Customs Authority, the Institute of Mobility and Transport (IMT), and the Institute of Registries and Notaries (IRN), as described in sections (a) and (c) of the implementation report (pages 7 to 9 and pages 15 to 19). The IT system of the Tax and Customs Authority online platform was updated to take advantage of the information about properties from these different data sources, allowing for the operationalisation of pre-filing services (see the certificate of works completion).

The data about properties taken from these sources includes information on deceased individuals' registrations (implementation report section (a) page 8) and real estate and vehicles ownership and characteristics (implementation report section (c), sub-section (ii) and pages 18). This data allows for the matching of the deceased's real estate and vehicles with the corresponding inherited assets that the taxpayer intends to include in its Model 1 declaration and that are liable of the stamp duty tax (implementation report section (a) page 9).

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

17.23 Entry into force of the legal act creating the permanent technical tax policy unit *Unidade Técnica de Avaliação Tributária e Aduaneira* (U-TAX)

Related Measure: TD-C17-r40 - Simplification of the Tax System

Qualitative Indicator: Provision in the legal act indicating the entry into force of the legal act

Time: Q4 2023

1. Context:

The objective of the reform is to improve the effectiveness of Portugal's tax system by, in particular, simplifying and monitoring tax benefits.

Milestone 17.23 concerns the entry into force of the legal act that creates the permanent technical tax policy unit U-TAX. Milestone 17.23 is the second milestone of the reform, and it follows the completion of milestone 17.22 on the entry into force of a legal act modifying the legal framework of selected tax benefits.

It will be followed by milestone 17.24 and milestone 17.25, related to the publication of an assessment report by U-TAX on existing tax benefits and the entry into force of a legal act, following the recommendations of the assessment report. The reform has a final expected date for implementation in Q1 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the milestone (including all the constitutive elements) was satisfactorily fulfilled
2	Decree-Law No. 19/2024 of 2 February (published in Portugal's Official Journal, 'Diário da República', No. 24/2024, first series of 2 February 2024, pages 7-12), which entered into force on 3 February 2024.	Legal act creating the tax policy unit <i>Unidade Técnica de Avaliação Tributária e Aduaneira</i> (U-TAX) by amending Decree-Law No. 118/2011.
3	Decree-Law No. 40/2024 of 7 June (published in Portugal's Official Journal, 'Diário da República', No. 110/2024, first series of 7 June 2024), which entered into force on 8 June 2024.	Legal act further specifying the tasks of the tax policy unit <i>Unidade Técnica de Avaliação Tributária e Aduaneira</i> (U-TAX) by amending Decree-Law No. 118/2011.
4	Decree-Law No. 118/2011 of 15 December (published in Portugal's Official Journal, 'Diário da República', No. 239/2011, first series of 15	Legal act which approves the organic structure of Portugal's Tax and Customs Authority

	December 2011, pages 5301-5304), which entered into force on 1 January 2012.	
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3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Entry into force of the legal act that shall create the permanent technical tax policy unit *Unidade Técnica de Avaliação Tributária e Aduaneira* (U-TAX)...

On 2 February 2024, Portugal published Decree-Law No. 19/2024, which creates the permanent technical tax policy unit *Unidade Técnica de Avaliação Tributária e Aduaneira* (Article 1(1)), hereinafter referred to as U-TAX, and amends Decree-Law No. 118/2011 on the organic structure of Portugal's Tax and Customs Authority (Article 1(2)). Decree-Law No. 19/2024 entered into force one day after its publication, on 3 February 2024 (Article 8).

On 7 June 2024, Portugal published Decree-Law No. 40/2024, which introduced further amendments to Decree-Law No. 19/2011 (Article 1), namely it added further specifications of U-TAX competences (Article 2). Decree-Law No. 40/2024 entered into force one day after its publication, on 8 June 2024 (Article 3).

U-TAX is a permanent tax policy unit with no expiry date defined to its mandate in the legal framework governing it (neither Decree-Law No. 19/2024 nor Decree-Law No. 40/2024).

Furthermore, in line with the description of the measure, the **mandate of U-TAX shall be to systematically monitor and evaluate new and existing tax benefits and to contribute to the design, implementation and impact evaluation of tax policies...**

Article 13-A(1) of Decree-Law No 118/2011, as amended by Article 4 of Decree-Law No. 19/2024, defines the mandate of U-TAX as assessing fiscal policies, in particular those related to tax benefits. According to Article 13-A(2) of Decree-Law No 118/2011, as amended by Article 4 of Decree-Law No. 19/2024, U-TAX has the following competencies: systematically monitor and evaluate new and existing tax benefits, contribute to the design, implementation and impact evaluation of tax policies, including, among others, by making economic analysis and estimates of tax revenue developments.

...The tax policy unit shall also contribute to the preparation of legal acts in the area of taxation, in collaboration with other relevant entities as the *Centro de Estudos Fiscais e Aduaneiros* (CEF)...

Article 13-A(2) sub-paragraph (c) of Decree-Law No. 118/2011, as amended by Article 4 of Decree-Law No. 19/2024, specifies that U-TAX shall contribute to the preparation of legal acts in the area of taxation, in collaboration with other relevant entities as the Centre for Tax and Custom Studies (*Centro de Estudos Fiscais e Aduaneiros* or CEF).

...The legal act shall specify the formal structure of U-TAX, including its organigram, its functioning and tasks...

As specified in the Operational Arrangements **the organigram of the tax policy unit U-TAX shall be understood as the description of the hierarchical structure of the permanent staff part of the tax policy unit.**

The staff of the U-TAX includes up to twelve specialised consultants (Article 13-B(1) of Decree-Law No. 118/2011 as amended by Article 4 of Decree-Law No. 19/2024), one director and one deputy director (Article 10 of Decree-Law No. 118/2011, as amended by Article 2 of Decree-Law No. 19/2024).

Article 13-A(2) of Decree-Law No 118/2011, as amended by Article 4 of Decree-Law No. 19/2024, defines the functioning and following tasks of U-TAX: systematically monitor and evaluate new and existent tax policies (Article 13-A(2) subparagraph (a)); prepare, in collaboration with other relevant public institutions, the report on tax benefits as provided for in Article 15-Aof the Decree-Law No.218/1989 on the Tax Benefits Statute (*Estatuto dos Benefícios Fiscais*) (Article 13-A(2) sub-paragraph (b)); contribute to the design, implementation and impact evaluation of tax policies by contributing to the preparation of legal acts in the area of taxation (Article 13-A(2) sub-paragraph (c)); carry out economic analysis in the field of taxation policies and assess the budgetary impact of fiscal policy measures (Article 13-A(2) subparagraph(d)); and provide estimates of tax revenues developments (Article 13-A(2) sub-paragraph (e)).

...U-TAX shall be technically independent from the Tax and Customs Authority and directly respond to the Ministry of Finance...

Article 13-A(4) of Decree-Law No. 118/2011, as amended by Article 4 of Decree-Law No. 19/2024, specifies that U-TAX shall be technically independent and directly respond to the Minister of Finance. In addition, the specialised consultants that constitute U-TAX's technical staff are appointed by the Minister of Finance (Article 13-B(1) of Decree-Law No. 118/2011, as amended by Article 4 of Decree-Law No. 19/2024). This ensures their independence from Tax and Customs Authority, the country's public authority within the Ministry of Finance responsible for tax affairs administration.

...U-TAX shall be composed with permanent technical staff with expertise in tax policies...

U-TAX is assigned permanently technical staff composed with up to twelve specialised consultant positions (Article 13-B(1) of Decree-Law No. 118/2011, as amended by Decree-Law No. 19/2024). Article 13-B(3) of Decree-Law No. 118/2011, as amended by Article 4 of Decree-Law No. 19/2024, requires that the specialised consultants, that are part of U-TAX technical staff, shall have technical knowledge, skills and professional experience relevant to perform the competences and tasks attributed to the U-TAX.

...The legal act shall also define the formal interactions between U-TAX and other relevant public and private entities, as research and academic institutions...

Article 13-A(3) of Decree-Law No. 118/2011, as amended by Article 3 of Decree-Law No. 40/2024, specifies that in the exercise of its competences, U-TAX shall collaborate with other relevant public and private entities, as research and academic institutions.

...and provide for the definition of data sharing agreements between U-TAX and relevant public entities, as the Tax and Customs Authority and the Portuguese Statistical Institute (INE)...

The Council Implementing Decision required that the legal act creating U-TAX shall provide for the definition of data sharing agreements between U-TAX and relevant public entities, as the Tax and Customs Authority and the Portuguese Statistical Institute (INE). Article 13-A(3) sub-paragraph (a) of Decree-Law No. 118/2011, as amended by Article 3 of Decree-Law No. 40/2024, provides for U-TAX access and use of

administrative information available to the Tax and Customs Authority, and defines that U-TAX can benefit from the data sharing agreements signed between the Tax and Customs Authority, INE, and other relevant public entities. Whilst this constitutes a minimal substantive deviation from the requirement of the Council Implementing Decision, Article 13-A(3) sub-paragraph (a) of Decree-Law No.118/2011, as amended by Article 3 of Decree-law No. 40/2024, ensures that U-TAX is part of the data sharing agreements signed between the Tax and Customs Authority, INE and other relevant entities. This allows U-TAX to have access to the needed data to fulfill the tasks as defined in Article 13-A(2) of Decree-Law No 118/2011, as amended by Article 4 of Decree-Law No. 19/2024. As of this, this minimal deviation does not change the nature of the measure and does not affect the progress towards achieving the reform that the milestone represents. On this basis, it is considered that this constitutive element of the milestone is satisfactorily fulfilled.

...The legal act shall also ensure the commitment of U-TAX on the quality and transparency of its analytical reports and on the preservation of data quality standards.

Article 13-A(2) sub-paragraph (g) of Decree-Law No. 118/2011, as amended by Article 2 of Decree-Law No. 40/2024, specifies that, in the exercise of its competences and tasks, U-TAX shall ensure its commitment to the preservation of data quality standards. Article 13-A(5) of Decree-Law No. 118/2011, as amended by Article 2 of Decree-Law No. 40/2024, ensures the commitment of U-TAX on the transparency of its analytical reports, by requiring that the reports on tax benefits produced by U-TAX shall be made publicly available.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

18.5 Modernised IT system for criminal investigation

Related Measure: C18.i01 Economic justice and business environment**Qualitative Indicator:** Modernised IT system for criminal investigation in operation**Time:** Q4 2023**1. Context:**

The objective of the investment is to ensure the digital transition and resilience of the Portuguese justice IT systems.

Milestone 18.5 consists in the entry into operation of modernised interfaces and interception systems ensuring interoperability with European and international counterparts.

Milestone 18.5 is the first step of the implementation of the investment. It will be followed by milestone 18.6, milestone 18.7, milestone 18.8 and milestone 18.9, related to IT systems for companies' registration, IT systems for judicial proceedings, implementation of the new Technology Plan, and knowledge management platforms. The investment has a final expected date for implementation in Q4 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary Document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	Decision ("Despacho") of the Ministry of Justice No. 156/MJ/2024, of 9 October 2024	Decision of Ministry of Justice approving the Report and certifying that the new IT system is in operation
3	Interfaces work certificate signed by supplier, PDMFC on 16 May 2024 and by Judiciary Police on 28 June 2024	Certificate testifying that the new interfaces for criminal investigation are installed, functioning and connected to Europol and Interpol.
4	Interception system work certificate signed by supplier Cognyte and the Judiciary Police on 16 May 2024	Certificate testifying that the new interception of communication system is installed and operational.
5	Report of the Judiciary Police signed on 19 September 2024	Report on the implementation of Milestone 18.5, explaining the functionalities of the systems and the several steps taken to have them in operation.

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Entry into operation of a modernised IT system for criminal investigations. The modernisation includes implementation of interfaces [...] and ensuring interoperability with European and international counterparts.

Portugal modernised the IT system for criminal investigations by installing new interfaces that provide digital support for three key work activities: a) registration of information; b) simplified and integrated search of previous knowledge about the objects of the investigation; and c) preparation and production of criminal process documentation (Report of the Judiciary Police, section 2.1.2). In addition, the new interfaces are connected to the search engines of Europol and Interpol, the European and international agencies that are counterparts to the Portuguese Judiciary Police (Report of the Judiciary Police, section 2.4.2). According to the interfaces work certificate, signed by the contractor who installed the necessary software for the new interfaces and by the Director of the Judiciary Police, the new system and their interoperability with Europol and Interpol was functioning and being used by 28 June 2024, date of the last signature of the interfaces work certificate.

The modernisation also includes upgrading of interception systems

Portugal also modernised the system to intercept communications. The new system provides a more secure processing of intercepted information and better management of resources (Report of the Judiciary Police, section 2.2.2).

By 16 May 2024 – date of the respective interception system work certificate signed by supplier Cognyte and the Judiciary Police, the new hardware and software were installed to upgrade the interception of communications system, which was then operational. As explained in the interception system work certificate of works, given the secrecy of the judicial investigations, the supplier of the system cannot access the system in operation, therefore the supplier cannot testify when the interception communication system entered into operation (interception system work certificate).

Once the new interception system is installed and ready to be use, it is necessary to clean and transfer the data from the old system into the new system and to perform tests with telecommunications operators and the law enforcement agencies that will use the system (Report of the Judiciary Police, section 2.3). This switch-over phase was completed on 14 September 2024 and the new interception system has been used by the judiciary police and all law enforcement agencies since then (Report of the Judiciary Police, section 2.3).

The report of the Judiciary Police was approved by the Decision of the Ministry of Justice No 156/MJ/2024, which also confirms that the new interception communication system is being used.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

19.19 Number of graduates who attended the Public Administration Traineeship Programme established under Council of Ministers Resolutions

Related Measure: TD-C19-i07 Public Administration empowered to create public value

Quantitative Indicator: Number

Baseline: 0

Target: 1500

Time: Q4 2023

1. Context:

The objective of this investment is to ensure that the civil service has the necessary know-how, in particular as regards managerial skills and technology, to provide a high-quality service to the public. This sub-investment consists in developing traineeship programmes in the public administration to retain and attract talent.

Target 19.19 relates to 1500 graduates having frequented the public administration traineeship programme.

Target 19.19 is the first target of the investment, and it is accompanied by target 19.20 related to providing IT equipment and creating co-working spaces as to promote teleworking in the public administration, and it will be followed by target 19.21 related to capacity building. The investment has a final expected date for implementation in Q1 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	This document duly justifies how the milestone (including all constitutive elements) was satisfactorily fulfilled.
2	Council of Ministers Resolution No. 11/2021 of 3 March (published in Portugal's Official Journal, 'Diário da República' No. 43/2021, first series of 3 March 2021, pages 4-8), which entered into force on March 3, 2021	This legal act establishes an extraordinary programme of traineeships in the direct and indirect public administration (<i>programa de estágios na Administração direta e indireta do Estado - EstágiAP XXI</i>), intended for the career of senior technician.
3	Council of Ministers Resolution No. 200/2021 of 31 December (published in Portugal's Official Journal, 'Diário da República' No. 253 first series, of	This legal act establishes the second edition of the extraordinary programme of traineeships in the direct and indirect public administration.

	31 December 2021, pages 56-61) which entered into force on December 31, 2021	
4	List of trainees	Excel file containing the list of 1501 traineeship contracts concluded under the two editions of the extraordinary programme of traineeships in public administration. This list was used for the selection of the sample.
5	Traineeship contracts concluded	In the context of the sampling analysis, supporting documents were provided for the list of 60 trainees for further verification of the target. Traineeship contracts for all 60 trainees selected in the sample were submitted. These contracts include a short summary description of each traineeship programme, names of their hosting entities and names of individual trainees, as well as the start and end dates of their traineeships and signatures of the trainees and the hosting entities.

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the target.

Number of graduates that have frequented the public administration traineeship programme established under Resoluções do Conselho de Ministros.

The target requires 1500 graduates to attend the traineeship programme. Council of Ministers Resolution No. 11/2021 establishes an extraordinary programme of traineeships in the direct and indirect public administration for the career of Administrators, called '*EstágiaAP XXI*' (point 1 of Council of Ministers Resolution No. 11/2021). This programme is designed for young graduates looking for their first job or seeking new jobs corresponding to their field of training and qualification (point 2 of Council of Ministers Resolution No. 11/2021).

Council of Ministers Resolution No. 115/2021 distributes the places of traineeship in the public administration under the '*EstágiaAP XXI*' programme, as per Article 1. In the Annex, the public administration entities that host the trainees are listed, divided by governmental area, academic area, geographical district and number of vacancies.

Council of Ministers Resolution No. 200/2021 of 31 December establishes the second edition of the '*EstágiaAP XXI*' programme, as per its article 1.

1501 individual trainees have frequented the 'EstágiaAP XXI' programme, as showed by the list of trainees.

This complete list of trainees included the following information:

Fiscal identification Number or (NIF) as unique code identifying each intern
Name of the entity promoting the internship (i.e. the Final Beneficiary (BF) of the Notices)
Name of each trainee
Confirmation (YES/NO) that the traineeships contract was signed by both sides

The traineeship contracts provided for the sampling exercise by Portugal proved that the 60 sampled individuals had signed traineeship contracts under either Council of Ministers Resolution No. 115/2021 or Council of Ministers Resolution No. 200/2021. The analysis of the evidence confirmed that these 60 individuals in the list of the 1501 trainees had attended a public administration traineeship programme established under Resoluções do Conselho de Ministros.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

19.20 IT equipment for public administration employees

Related Measure: TD-C19-i07: Public Administration empowered to create public value**Quantitative Indicator:** Number**Baseline:** 0**Target:** 17 500**Time:** Q4 2023**1. Context:**

The objective of the investment is to ensure that the civil service has the necessary technology and know-how to provide a high-quality service to the public. Target 19.20 relates to the acquisition of 17 500 laptops for the public administration.

Target 19.20 is the second target of the investment. It is preceded by Target 19.19, which relates to young graduates doing a traineeship in the public administration. It will be followed by target 19.21, which relates, among others, to the creation of co-working spaces and the trainings to be offered to public administration employees. The investment has a final expected date for implementation of Q1 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	This document duly justifies how the milestone (including all constitutive elements) was satisfactorily fulfilled.
2	List of invoices	An excel table listing all relevant invoices, with details on number of laptops covered, supplier and public administration entity for which the laptops were purchased, with the date of the invoice. Commission services verified this list of invoices by individually checking all 176 individual invoices described in the list.
3	176 Invoices (<i>faturas</i>)	Invoices that prove the purchase of 17 500 laptops issued by suppliers.
4	Notice No. 02/C19-i07.05/2021 published on 28 December 2021	First call for tenders for the purchase of IT equipment to promote teleworking in the public administration, published on 28 December 2021.
5	Notice No. 05/C19-i07.05/2022 published on 15 September 2022	Second call for tenders for the purchase of IT equipment to promote teleworking in the public administration, published on 15 September 2022.

3. Analysis

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the target.

IT equipment (17 500 laptops) purchased

The target requires the purchase of 17 500 laptops. Within the scope of the teleworking promotion program, the Directorate General for Administration and Public Employment (Direção-Geral da Administração e do Emprego Público, DGAEP) launched two calls for tender (Notice No. 02/C19-i07.05/2021 and Notice No. 05/C19-i07.05/2022) regarding the acquisition of equipment, including laptops, to promote teleworking in the public administration entities that are eligible for funding (as per Article 3 of Notice No. 02/C19-i07.05/2021 and Notice No. 05/C19-i07.05/2022).

Portugal provided 176 invoices (*faturas*) that cover the purchase of 17 554 laptops for public administration entities. Such entities were, for example, Autoridade Tributária e Aduaneira, Instituto do Emprego e da Formação Profissional, I. P. and Agência Portuguesa do Ambiente, I. P.

All 176 invoices were verified by checking the number of laptops purchased by a specific public administration entity. Each invoice has the following information:

Name of the purchasing entity (public administration entity purchasing the laptops and therefore are the addressees of the invoices);
Unique fiscal number of the purchasing entity;
Name of the supplier (entity issuing the invoices);
Supplier's unique fiscal number;
Number of laptops;
Invoice number;
Financing details (additional information on the financing program, such as information on the call for tender)

The analysis of the evidence confirmed that 17 554 laptops have been purchased for public administration entities.

4. Commission Preliminary Assessment: Satisfactorily fulfilled.

Number and name of the Milestone:

19.23 Entry into force of the legislative package for the re-organisation of the public administration

Related Measure(s): Reform TD-r35: Functional and organisational reform of public administration

Qualitative Indicator: Entry into force

Time: Q4 2023

1. Context:

The objective of the reform is to restructure and streamline public services to promote a modern and more efficient public administration.

Milestone 19.23 requires the entry into force of the legislation necessary for the implementation of functional and organisational changes to the central public administration. Milestone 19.23 is the only milestone of this reform. The investment has a final expected date for implementation in Q4 2023.

2. Evidence provided:

	Name of the evidence	Short description
1	Decree Law No. 43-A/2024 of 2 July (published in Portugal's Official Journal, ' <i>Diário da República</i> ' No. 126, first series, of 2 July 2024), which entered into force on 3 July 2024	This Decree Law makes the eighth amendment to Law No 4/2004 of 15 January 2006, laying down the principles and rules to be followed by the organisation of the direct administration of the State
2	Decree Law No. 43-B/2024 of 2 July (published in Portugal's Official Journal, ' <i>Diário da República</i> ' No. 126, first series, of 2 July 2024), which entered into force on 3 July 2024	This Decree-Law establishes, inter alia, the Secretariat-General of the Government and its statutes.
3	Order of the Presidency of Council of Ministers and Ministry of Finance No. 14408/2022 of 16 December (published in Portugal's Official Journal, ' <i>Diário da República</i> ' No. 241, second series of 16 December 2022), which entered into force on 17 December 2022	This order creates the Working Group responsible to draft the report on which the reform of the public administration should be based on.
4	Decree-Law No. 67/2024 , of 8 October (published in Portugal's Official Journal, ' <i>Diário da República</i> ' No.195/2024, first series, of 8 October 2022), which entered into force on 9 October 2024	This Decree-Law restructures the Centre for Studies, Planning and Evaluation of Public Policies (PlanAPP).

5	Decree-Law No. 68/2024 , of 8 October (published in Portugal’s Official Journal, ‘Diário da República’ No.195/2024, first series, of 8 October 2022), which entered into force on 9 October 2024	This Decree-Law establishes the statutes of the Legal Competence Centre of the State (JurisAPP)
6	1st Technical report of the Working Group – Functional and Organic Reform of Public Administration - March 2024	This report published by the Working Group created by the order of the Minister of the Presidency, the Minister of Finance and the Secretary State of Digitalisation and Administrative Modernisation No. 14408/2022 in March 2024 established the ten actions the reform of the public administration should be based on.
7	2nd Technical report of the Working Group – Functional Reform and Organisation of the Public Administration – Plan for Implementation – March 2024	This report also published by the Working Group created by the order of the Minister of the Presidency, the Minister of Finance and the Secretary State of Digitalisation and Administrative Modernisation No. 14408/2022 in March 2024 if the final report with a plan for implementation.

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Entry into force of legislation necessary for the implementation of the functional and organisational changes of the central public administration...

On 2 July 2024, Portugal published Decree Law No. 43-A/2024 of 2 July, which makes the eighth amendment to Law No. 4/2004 of 15 January, laying down the principles and rules to be followed by the direct administration of the Portuguese State. Decree Law No. 43-A/2024 entered into force on the first day of the month following its publication, on 1 August 2024 (Article 34).

On 2 July 2024, Portugal published Decree Law 43-B/2024, which establishes, inter alia, the setting up and structures of the Secretariat-General of the Portuguese Government, including its Statutes. Decree Law No. 43-B/2024 entered into force on the first day of the month following its publication, on 1 August 2024, namely (Article 34).

On 8 October 2024, Portugal published Decree-Law No. 67/2024 and Decree-Law No. 68/2024 which further implements Decree Law No. 43-B/2024, by adopting respectively the statutes of Centre for Studies, Planning and Evaluation of Public Policies (PlanAPP) and the statutes of the Legal Competence Centre of the State (JurisAPP). Both Decree-Laws entered into force one day after their publication, on 9 October 2024 (and article 25 of Decree-Law No. 67/2024 and article 26 of Decree-Law No. 68/2024).

...based on the report delivered by the Working Group created by a Ministerial order

Decree-Law No. 43-A/2024 and Decree-Law No. 43-B/2024 follow the recommendations made in the technical reports of the Working Group, created by the Order of the Minister of the Presidency, the Minister of Finance and the Secretary State of Digitalisation and Administrative Modernisation No. 14408/2022. Order of the Minister of the Presidency, the Minister of Finance and the Secretary State of Digitalisation and Administrative Modernisation No. 14408/2022, which entered into force one day after its publication, on 17 December 2022 (point 16), established the composition (points 5 to 10) and tasks of the Working Group (points 2-4). In particular, the Working Group had a mandate to propose the necessary legal amendments to implement the reform (point 4 c).

The Working Group issued its first report identifying ten measures to implement a new organisation model of the Public Administration (1st Technical report, pages 48-79). Later, the Working Group issued a second report, proposing a plan to implement these ten measures (2nd Technical report, pages 8-52 and 54-64). The following ten measures were proposed by the Working Group (1st Technical report, pages 48-79). These were translated into law the following way:

- i. *Adoption of new legal arrangements to organise State Administration in such a way it can easily adapt to the (political) changes in Government. In particular, the Working Group recommends: (i) harmonisation of the government structures into ministers with ministries and ministers without ministries; (ii) distinction between government members/bodies (ministers) and departments of the State administration (ministries); and (iii) ensure that ministries have a greater capacity to adapt to the structure of a government at any given time.* To address these recommendations, it is now established that ministries are departments of the State Administration (Article 4(1) of Law 4/2021, as amended by Article 2 of Decree-Law No. 43-A/2024, and ministers may have more than one ministry (Article 4(2) of Law 4/2021, as amended by Article 2 of Decree-Law No. 43-A/2024); in the Council of Ministers it is possible to have ministers without a ministry (Article 4(3) of Law 4/2021, as amended by Article 2 of Decree-Law No. 43-A/2024). It is also established the criteria to classify the services, bodies and agencies of the State administration (Articles 2 and 11 of Law 4/2021, as amended by Article 2 of Decree-Law No. 43-A/2024). To provide the necessary flexibility, a networking model is enhanced with the possibility to establish bodies composed by members of different ministries and services in a matrix form of internal organization (Article 9 of Law 4/2021, as amended by Article 2 of Decree-Law No 43-A/2024). Moreover, shared and common support services are also established, (Article 9 of Law 4/2021, as amended by Article 2 of Decree-Law No 43-A/2024).
- ii. *Creation of a Coordination Council of Public Administration: a consultative body to improve the coordination in implementing horizontal public policies involving several government areas.* This is reflected in the new statutes of the Government's Secretariat-General, which establishes a new consultation body, the Public Administration Forum (Article 6 of the Statutes of the Secretariat General, approved and annexed to Decree Law 43-B/2024). Article 8 of Annex I of Decree Law No. 43-B/2024 establishes the tasks of the Public Administration Forum. Namely, that it should promote an integrated vision in the way the various advisory bodies and networks of public

administration carry out their tasks and it should ensure coherence with other fora, especially in cross-cutting reforms and programmes (Article 8(a) of Annex I of Decree Law No. 43-B/2024); it should enable sharing of experiences and the dissemination of information between the various services (Article 8(b) of Annex I of Decree Law No. 43-B/2024); it should develop a culture of administrative collaboration for design and implementation of horizontal public policies (Article 8(c) of Annex I of Decree Law No. 43-B/2024); it should issue opinions on topics submitted by members of government.

- iii. *Creation of the Secretariat-General of the Government by bringing together the current sectoral Secretaries-General into a single structure.* Decree Law No. 43-B/2024 establishes the Secretariat-General of the Government (Article 1(a)) and its statutes (Article 2a) and its organic law (Annex I)). The Secretariat-General of the Government is created by merging Secretaries-General of eight ministries together with the management centre of the IT network (Article 2(2) of Decree Law No. 43-B/2024).
- iv. *Creation of the position of secretary-general coordinator within the Secretariat-General of the Government.* The secretary-general coordinator would be responsible for promoting the harmonisation of the management tools used by the different services of the direct administration in close cooperation with the different planning offices (1st technical report, page 66). Although, the legislator has not created this position, this function, is carried out by the Secretary-General of Government and its six deputies and the Secretariat-General is responsible for promoting the harmonisation of the instruments supporting the government activity (article 4a of the Statutes of the Secretariat General approved by and annexed to Decree-Law No 43-B/2024). It is also responsible for promoting the alignment and articulation of management tools when it carries out coordination functions in budgetary matters, when it is responsible for performance evaluation and when it supports international relations (article 4b of the of the Statues of the Secretariat General, approved by and annexed to Decree-Law No. 43-B/2024).
- v. *Reinforce the competences of 'PlanAPP' (the Competence Centre for Planning, Policy and Foresight of Public Administration), the centre technically supports ministries and provide horizontal services to the Public Administration-(1st technical report, pages 67-69).* Article 14(2) of Decree-Law No. 43-B/2024, renames the centre as Centre for Studies, Planning and Evaluation of Public Policies (PlanAPP), and establishes that its restructuring shall be governed by a specific act. In accordance with Article 14(2) of Decree Law No. 43-B/2024, Portugal adopted a new legal act that restructures PlanAPP, Decree-Law No. 67/2024. According to article 2 of Decree-Law No. 67/2024, PlanAPP has the following new competences: (i) monitor progress on the Sustainable Development Goals and the National Strategy for Medium-Term Development (article 2(2)(c)); (ii) prepare prospective studies on Portugal, its future strategic positioning, impacts and adaptations to global or national trends, as well as integrated analyses of Portugal's comparative positioning (article 2(2)(d)); (iii) contribute to the identification of good practices and learning opportunities in the definition, implementation and evaluation of public policies, including regular exchanges of information and knowledge with other relevant bodies (article 2(2)(o)); (iv) promote and support the establishment of sectoral clusters for public policy planning and evaluation aimed at providing

direct support to government areas without such powers (article 2(2)(r)); and (v) promote active and well-informed participation of citizens in the programming and monitoring of the implementation of public policies (article 2(2)(s)).

- vi. *Increase the capacity and competences of 'JurisAPP' (Legal Competence Centre of the State). In particular, it is recommended that 'JurisAPP' is able to represent in court not only the members of government but also all services of the direct administration of the State, currently supported by the Secretaries-General, which will be abolished (1st technical report, pages 69-70).* Decree-Law No 43-B/2024 increases the competencies of JurisAPP, which now provides legal support not only to members of government but also to the services of the direct administration of the State, including the defence of their interests in court (Article 15(2) a) and b) of Decree-Law No 43-B/2024). In addition, in line with Decree- No.68/2004, which approved the new statutes of JurisAPP, the centre is also competent to: (i) ensure legal representation before arbitral courts in state matters (article 4(1)); (iii) prepare preliminary ruling applications on constitutionality and legality before the constitutional court (article 3(2)(g)); (iv) cooperate with the entity that publishes the official journal in identifying good practices to disseminate and consolidate legislative information, including IT tools (article 3(2)n)).
- vii. *Harmonise the tasks of the studies and planning cabinets of each ministry-(1st technical report, pages 69-70-72).* The Working Group proposes to differentiate clearly executive and operational tasks from tasks related to the design, monitoring and evaluation of public policies. The former should stay with the new Secretariat-General of the Government, where the latter should be attributed to the studies and planning cabinets. A new regulatory model for the studies and planning departments of the different ministries was adopted (Article 2(5) and Annex II of Decree-Law No. 43-B/2024). Under the new model these departments do not have executive tasks but only tasks related to the design, monitoring, evaluation of public policies and strategies (Article 3 of Annex II of Decree-Law No. 43-B/2024)
- viii. *Establish a Common Services Centre (1st technical report, pages 73-75).* In addition to the establishment of common or shared services, a common service centre is introduced with the increase of competences of the existing Public Administration Shared Services Entity (ESPAP) (articles 8 and 12A of Law No 4/2024, as amended by articles 2 and 3 of Decree-Law No. 43-A/2024, respectively). This entity is now responsible for providing support services to all bodies and agencies that are supported by the entities that have not been merged into the new Secretariat-General of the Government (Article 12 of Decree-Law No. 43-B/2024).
- ix. *Create a 'CampusAPP'. The Working Group proposes to have in one common physical space different government and public administration structures. Several government and public services were transferred to the so-called Campus XXI building, located in Avenida João XXI, No 63 in Lisbon (Article 16 of Decree-Law No 43-B/2024). This building is managed by the Secretariat-General, in coordination with ESTAMO – Participações Imobiliários, S.A. (Article 3(o) of Annex I to Decree-Law No 43-B/2024).*

- x. *Develop a common technological integration model. The Working Group proposes a digital harmonisation of processes and tools (1st technical report, page 77).* Although the creation and implementation of such model is not dependent on the adoption of a legal act, the new regime for the organisation of the public administration does recognise the importance of IT tools and system in the functioning of its entities. To support the collaboration and cooperation relations between the different services (working in a network), new IT tools to communicate, share and store information can be created (article 9 of Law 4/2021, as amended by article 2 of Decree-Law No 43-A/2024). In addition, the direct administration shall have an IT system that enables the exchange and storage of information, avoiding as much as possible paper records (article 10(1) of Law 4/2021, as amended by article 2 of Decree-Law No 43-A/2024). When providing services to the public, the direct administration shall share information internally and promote the use of electronic means (article 10(2) of Law 4/2021, as amended by article 2 of Decree-Law No 43-A/2024).

Furthermore, in line with the description of the measure, **this reform shall revise the model of functioning of the state and public administration in general, to enhance synergies and to harness opportunities created by technology.**

Decree-Laws No. 43-A/2024 and No. 43-B/2024 reorganises the State Administration making it more flexible, able to create synergies with the shared and common services and able to benefit from the IT tools and systems (please see in particular points viii and x above)).

Furthermore, in line with the description of the measure, [the reform] **shall include the centralisation of common and shared services and address the dispersion and redundancy within central government departments;**

As stated in Decree-Law No. 43-A/2024, (Article 1(a)) and its statutes (Article 2a) and its organic law (Annex I), the Government's aim is to have a coherent, efficient and effective organisation that has centralised common shared services. By creating common services, (Article 9 of Law 4/2021, as amended by article 3 of Decree-Law No 43-A/2024), this reduces dispersion and redundancy in the central government departments.

Furthermore, in line with the description of the measure, [the reform shall include] **the adequate specialisation of sectoral direct and indirect public administration entities by fields of expertise,**

With creation of the Secretariat General, the new model enables specialised support in the coordination of policies and their translation into administrative action. With the restructuring of the planning and studies cabinets, together with the reinforcement of the competences of the PlanApp, the new model fosters expertise in services related to the designing, monitoring and evaluation of public policies. These modifications were recommended by the Working Group under the axe "Specialisation" (1st technical report, page 65). In addition, the ministries are organised by sector (i.e., a specific field of expertise)

Furthermore, in line with the description of the measure, [the reform shall include] **the specialisation of critical functions of support to government activity;**

The reform provides for the specialisation of critical support services such as legal advice and strategic and planning advice, through the creation of a Secretariat General and the establishment of a common services centre, mentioned above.

Furthermore, in line with the description of the measure, [the reform shall] **concentrate some government offices in a single physical space:**

As mentioned above, several government and public services were transferred to the so-called Campus XXI building, located in Avenida João XXI, No 63 in Lisbon according to article 16 of Decree-Law No 43-B/2024.

2. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

21.7 Entry into force of legislation establishing the National Energy Poverty Observatory “(ONPE)”

Related Measure: C21.r43 National Energy Poverty Observatory**Qualitative Indicator:** Provision in the legislation act indicating the entry into force of the legislation**Time:** Q3 2023**1. Context:**

This reform involves the creation of the National Energy Poverty Observatory, a dedicated body to oversee and drive efforts to alleviate energy poverty in Portugal. The reform will also create a financing instrument for energy efficiency in residential sectors, aimed at household experiencing energy poverty.

Milestone 21.7 consists of the entry into force of legislation establishing the National Energy Poverty Observatory, including the definition of the governance, responsibilities and purposes.

Milestone 21.7 is the first step of the implementation of the reform. It will be followed by milestone 21.8, related to the creation of a financing instrument for energy efficiency investments targeted to households in situation of energy poverty. The reform has a final expected date for implementation in Q1 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary Document	A summary document (including all the constitutive elements) duly justifying how the milestone was satisfactorily fulfilled.
2	Council of Ministers Resolution No. 11/2024 of 8 January (published in Portugal’s Official Journal (“Diário da República”), Series I of 8 January, pages 69-121). Date of entry into force: 9 January 2024	Legal act, which approves the National Long-term Energy Poverty Strategy 2023-2050 in which the National Energy Poverty Observatory is created
3	Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 of 2 February (published in Portugal’s Official Journal (“Diário da República”), Series II of 2 February, pages 126-133). Date of entry into force: 3 February 2024	Legal act, which establishes the governance structure and responsibilities of the National Energy Poverty Observatory

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Entry into force of legislation establishing the National Energy Poverty Observatory “(ONPE)”, including the definition of the governance, responsibilities and purposes, as specified in the description of the measure

On 8 January 2024, Council of Ministers Resolution No. 11/2024 was published in Portugal’s Official Journal, which establishes the National Energy Poverty Observatory (ONPE) (Paragraph 4). Paragraph 11 establishes that the resolution enters into force in the following day of its publication, i.e., 9 January 2024. On 2 February 2024, Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 was adopted, which establishes the governance, responsibilities and purposes of ONPE (as shown below with detailed references when analysing different elements of the measure description). According to its article 17, the date of entry into force is one day after its publication.

Furthermore, in line with the description of the measure, **ONPE shall include in its governance structure:**
i) a managing unit, which shall be responsible for the operational management of the ONPE,

Article 4 of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 sets out the composition of the managing unit of ONPE. Article 5 of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 describes the competences of the Management unit and article 6 of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 establish its functioning rules making the management unit responsible for the operational management of the ONPE.

ii) a strategic committee, led by the Ministry of Environment and Climate Action and including members from the relevant governmental areas (such as housing, social security, health, finance, education, territorial cohesion),

ONPE is driven by a strategic committee lead by the responsible member of government dealing with energy matters (Article 7(1) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024) as well as other member of the government such as the ministries of housing, solidarity and social security, economy, health, education, territorial cohesion, finance amongst others (Article 7 (1) Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024) . The competences of the strategic committee are described in Article 8 of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 and its functioning in Article 9 of Ministerial Order No 1335/2024.

and iii) an advisory committee, including established stakeholders such as universities, municipalities, local energy agencies, non-governmental organizations involved in energy poverty eradication actions, energy grid operators, consumers and real estate property associations, sectorial associations and private finance entities.

ONPE has also an advisory committee. ONPE’s advisory committee is composed by (i) entities of central, regional and local government; representing municipalities according to Article 10 (2a) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024; (ii) entities of the National Scientific and Technological System; and (iii) entities of the National Energy System representing local energy agencies according to Article 10 2 (c) and (d) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024; (iv) non-profit private entities, business and sectoral associations according to Article 10 2(e) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 and other civil society organisations representing non-governmental organisations and (v) personalities of academic, scientific and professional merit, representing the universities as per to Article

10 2(f) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024. Article 11 of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 describes the powers of the advisory committee and Article 12 of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 its functioning.

Furthermore, in line with the description of the measure, **the National Energy Poverty Observatory is responsible to analyse and develop public policies for its eradication in Portugal and the National Energy Poverty Observatory (ONPE) shall be responsible for: Monitoring, supervising, coordinating and reporting on the implementation of the Long-term Energy Poverty Strategy (ELPPE)**

The mission of ONPE is to monitor, analyse and develop public policies along with the evolution of the energy poverty needs at national level as seen in Article 8(1a) of Order of the Cabinet of the Secretary of State of Energy and Climate No 1335/2024.

ONPE is responsible to defining new strategic indicators at territorial level to assist in the design and evaluation of public policies (Article 3 2(a) of the Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024) resulting in the monitoring and supervision of the implementation of the ELPPE, including through creating new statistics with the National Statistical institute (Article 3 2(e) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024) and to monitor progress of the ELPPE on an annual basis (Article 3 2(g) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024).

ONPE is also responsible to coordinate different entities in implementing the ELPPE through decentralised territorial action by linking direct and autonomous government entities (Article 3 2(d) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024). ONPE shall propose to the Government, on the basis of its monitoring and supervision, a proposal for the revision of ELEPP every 5 years (Article 3 2(h) Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024)

Furthermore, in line with the description of the measure, **the objective of this reform is to set up a body for national, regional and local authorities to monitor the situation of energy poverty**

As mentioned above, paragraph 4 of Council of Ministers Resolution No. 11/2024 established the National Energy Poverty Observatory (ONPE).

Council of Ministers Resolution No. 11/2024 sets out that ONPE's task is to monitor the evolution of energy poverty at national level (paragraph 4) and its organisational structure (paragraph 6). Council of Ministers Resolution No. 11/2024 further states that the composition and functioning of ONPE shall be determined by order of the member of the government responsible for energy (paragraph 7).

National, regional and local authorities are represented at two levels: at the strategic committee and at the advisory committee (Article 7 and 8 of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024).

Furthermore, in line with the description of the measure, ONPE shall be responsible for **coordination of the energy poverty-related policy work related to the design and implementation of the National Energy and Climate Plan (NECP) and the national Social Climate Plans;**

ONPE is responsible to propose public policies for the eradication of energy poverty, promote links between different public policy areas that contribute to the objectives of the ELPPE, NECP and national Social Climate Plan and promote, in liaison with the Portuguese National Statistical Office, the improvement of basic information and the development of new statistics through the integration of different data sources (Article 3 (1) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024).

Furthermore, in line with the description of the measure, ONPE shall be responsible for **proposing to the government Ten-Year Action Plans (horizons 2030, 2040 and 2050), as well as their revision and the revision of ELPPE, with a frequency of at least three years and five years, respectively**, as set out in Paragraph 5(f) and 5(g) of the Council of Ministers Resolution No. 11/2024, and Article 3(2)(f) and (h) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 .

Furthermore, in line with the description of the measure, ONPE shall be **responsible for Implementing capacity-building actions for public and private, national, regional and local agents involved in the implementation of the Long-term Energy Poverty Strategy**, as set out in Article 3(2)(i) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024.

Furthermore, in line with the description of the measure, ONPE shall be responsible for **identifying and monitoring households in energy poverty by setting up and implementing a periodic survey tool**.

The cooperation with the National statistics office will allow the ONPE to have data for the identification of households in situation of energy poverty (Article 3(e) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024) and in this regard, the close cooperation with different entities of the state at different levels such as municipalities will allow to support the identification of households but also to monitor the efficacy of energy poverty interventions (Article 3(d) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024).

Furthermore, in line with the description of the measure, ONPE shall be responsible **for proposing a financing (or fiscal) instrument for energy efficiency measures dedicated to households in energy poverty**, as set out in Article 3(2)(j) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024.

Furthermore, in line with the description of the measure, **ONPE shall be responsible for developing materials and campaigns to increase energy literacy appropriate to the profile of households in energy poverty**, as set out in Article 3 2(k) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024.

Furthermore, in line with the description of the measure, ONPE shall be responsible for **promoting and disseminating work related to the phenomenon of energy poverty, including establishing a network of entities and interested actors aiming at addressing the issue**, as set out in Article 3(2)(d) & (l) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024.

Furthermore, **the reform shall ensure that these bodies cooperate and have clear roles to pursue the objectives set out in the ONPE's mandate. Collaboration between the ONPE and the Portuguese statistical bodies shall be ensured for data collection**

The bodies cooperate and have specific roles as identified earlier in this assessment. The Strategic commission is responsible for the articulation between different public policy areas contributing to the ELPPE objectives (Article 8(2) (b) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024) and the advisory committee has the role of liaison with the ELEPP technical coordinator from the managing board and the national coordinator of the Poverty Strategy from the strategic committee (Article 11(2) (b) Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024). The management unit ensures that all the bodies mentioned above cooperate with each

other to achieve the objectives of ONPE laid out in Article 3 of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024 as outlined in Article 5 (1c) of the same Order. The management unit does so through assigning different coordination tasks to the different members of the management unit as per Article 5(2), (3) & (4) of Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024.

Moreover, ONPE has as its competence to promote, in liaison with the National Statistical Institute (INE), the improvement of information which serves as basis to the statistics, and the development of new statistics through the integration of different data sources (article 3(2) (e) Order of the Cabinet of the Secretary of State of Energy and Climate No. 1335/2024).

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

21.9 Signature of cooperation protocol

Related Measure: C21.r44 Development of energy efficiency one-stop-shops for citizens (Citizens Energy Spaces)**Qualitative Indicator:** Signature of cooperation protocol**Time:** Q4 2023**1. Context:**

The reform consists in the creation of energy efficiency one-stop shops for citizens (Citizens Energy Spaces – “*Espaços Cidadão Energia*”). Its objective is to increase energy literacy, promote sustainable behaviours regarding energy use and support citizens in the implementation of energy efficiency measures.

Milestone 21.9 consists in the signature of a cooperation protocol for the creation of the *Espaços Cidadão Energia*. The cooperation protocol signed by local authorities, energy agencies and solidarity entities, establishes the tasks, governance and financing of the energy each of these entities’ tasks of the energy efficiency one-stop shops for citizens.

Milestone 21.9 is the first step of the implementation of the reform. It will be followed by target 21.10 and target 21.11, related respectively to capacity building actions and the entry into operation of Energy Citizen Spaces (“*Espaços Cidadão Energia*”). The reform has a final expected date for implementation on 31 December 2023.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary Document	The document duly justifies how the milestone (including all constitutive elements) was satisfactorily fulfilled.
2	Protocol signed on 26 January 2024 by the Portuguese Energy Agency, “<i>Agência para a Energia</i>” (ADENE) and by National Association of Portuguese Municipalities, “<i>Associação Nacional dos Municípios Portugueses</i>” (ANMP)	Memorandum of collaboration between ADENE and ANMP for the creation of the Citizen Energy Spaces (“ECE”)
3	Addendum to the Protocol of 26 January 2024 signed on 27 June 2024 by the Portuguese Energy agency, “<i>Agência para a Energia</i>” (ADENE) and by National Association of Portuguese Municipalities, “<i>Associação Nacional dos Municípios Portugueses</i>” (ANMP)	The addendum to protocol specifies the tasks, governance and financing structure of the Citizen Energy Spaces (ECE)
4	Protocol signed on 27 December 2023 by the Portuguese Energy agency, “<i>Agência para a Energia</i>” (ADENE) and by National Confederation of Solidarity Institutions, “<i>Confederação Nacional das Instituições de Solidariedade</i>” (CNIS)	Memorandum of collaboration between ADENE and CNIS for the creation of the Citizen Energy Spaces (ECE)

5	Addendum to the Protocol of 27 December 2023 signed on 21 June 2024 by the Portuguese Energy agency, “Agência para a Energia” (ADENE) and by Confederation of Solidarity Institutions, “Confederação Nacional das Instituições de Solidariedade” (CNIS)	The addendum to protocol specifies the tasks, governance and financing structure of the Citizen Energy Spaces (ECE)
6	Protocol signed on 16 February 2024 by the Portuguese Energy agency, “Agência para a Energia” (ADENE) and by the National Association of Parishes “Associação Nacional de Freguesias” (ANAFRE)	Memorandum of collaboration between ADENE and ANAFRE to collaborate in the creation of the Citizen Energy Spaces (ECE)
7	Addendum to the Protocol of 16 February 2024 signed on 27 June 2024, by the Portuguese Energy agency, “Agência para a Energia” (ADENE) and by the National Association of Parishes “Associação Nacional de Freguesias” (ANAFRE)	The addendum to protocol specifies the tasks, governance and financing structure of the Citizen Energy Spaces (ECE)
8	Protocol signed on 21 December 2023 by the Portuguese Energy agency, “Agência para a Energia” (ADENE) and by National Network of Energy Agencies, “Rede Nacional de Agências de Energia” (RNAE)	Memorandum of collaboration between ADENE and RNAE to collaborate in the creation of the Citizen Energy Spaces (ECE)
9	Addendum to the Protocol of 21 December 2023 signed 24 June 2024 by the Portuguese Energy agency, “Agência para a Energia” (ADENE) and by the National Network of Energy Agencies “Rede Nacional de Agências de Energia” (RNAE)	The addendum to protocol specifies the tasks, governance and financing structure of the Citizen Energy Spaces (ECE)
10	Order of the Deputy Minister of Territorial Cohesion and of the Minister of Environment and Energy No 7100/2024 of 27 June 2024 (published in Portugal’s Official Journal, “Diário da República”, No. 123/2024, Series II) which entered into force on 22 June 2024	This legal order establishes guidelines for the creation and operationalisation of the Citizen Energy Spaces (ECE) including their functions, governance and financing structure.

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Signature of cooperation protocol between Agência para a Energia (ADENE), Associação Nacional de Freguesias (ANAFRE) and the Rede Nacional de Agências de Energia (RNAE), Associação Nacional de Municípios (ANMP) and the Confederação Nacional de Instituições de Solidariedade (CNIS) for the creation of the Espaços Cidadão Energia, and specifying their tasks, governance and financing structure.

Agência para a Energia - ADENE (Energy Agency) concluded cooperation protocols for the design, testing development and implementation of organisation models for Espaços Cidadão Energia (Citizen Energy Spaces) with the following entities:

- Associação Nacional de Freguesias (ANAFRE) on 16 February 2024
- Rede Nacional de Agências de Energia (RNAE) on 21 December 2023

- Associação Nacional de Municípios (ANMP) on 26 January 2024
- Confederação Nacional de Instituições de Solidariedade (CNIS) on 27 December 2023

Citizen Energy Spaces (“Espaços Cidadão Energia”) are service desks that provide information and advice to the general public on several issues regarding energy efficiency, consumption and renewable energy for households.

On 22 June 2024, the following after its signature (21 June 2024, point 16) Portugal adopted Order of the Deputy Minister of Territorial Cohesion and of the Minister of Environment and Energy No. 7100/2024, which established the main principles and rules regarding the creation and functioning of Citizen Energy Spaces, including establishing who has the initiative to create these spaces and who is responsible for their operation (points 6 and 7); the type of services to be provided (point 3); and the financing of Citizen Energy Spaces (points 12 to 15). Order of the Deputy Minister of Territorial Cohesion and of the Minister of Environment and Energy No. 7100/2024 entered into force on 22 June 2024, one day after its signature (point 16).

Following the Order of the Deputy Minister of Territorial Cohesion and of the Minister of Environment and Energy No.7100/2024, ADENE concluded addenda to each of the Cooperation Protocols mentioned above:

- Addendum to the Cooperation Protocol with Associação Nacional de Freguesias” (ANAFRE) signed on 27 June 2024;
- Addendum to the Cooperation Protocol with Rede Nacional de Agências de Energia” (RNAE) signed on 24 June 2024;
- Addendum to the Cooperation Protocol with Associação Nacional dos Municípios Portugueses” (ANMP), signed on 27 June 2024;
- Addendum to the Cooperation Protocol with Confederação Nacional de Instituições de Solidariedade (CNIS) signed on 21 June 2024.

The amended Cooperation Protocols include rules regarding the tasks to be carried out by Citizen Energy Spaces, in other words the services to be provided (Clause 1-A(3) of the amended Cooperation Protocol with ANMP; and Clause 2-A(3) of the amended Cooperation Protocols with ANAFRE, RNAE and CNIS).

The amended Cooperation Protocols also include provisions regarding governance of the Citizen Energy Spaces, in particular the roles to be taken by each entity in the operation of these spaces (Clause 2 of the amended Cooperation Protocol with ANMP; and Clause 3 of the amended Cooperation Protocols with ANAFRE, RNAE and CNIS).

Finally, the amended Cooperation Protocols refer to the Order No when they set out how the Citizen Energy Spaces are financed (Clause 1-A(6) of the amended Cooperation Protocol with ANMP; and Clause 2-A(6) of the amended Cooperation Protocols with ANAFRE, RNAE and CNIS)

Furthermore, in line with the description of the measure, **energy efficiency one-stop shops for citizens (Citizens Energy Spaces – *Espaços Cidadão Energia*) (are) set-up by local or regional authorities or other local entities, which shall be included in the Municipal Climate Action Plans according to Law No 98/2021**

As mentioned above, Order of the Deputy Minister of Territorial Cohesion and of the Minister of Environment and Energy No. 7100/2024 of 27 June 2024 establishes the legal regime for the creation of energy efficient one-stop shops, the so-called Citizens Energy Spaces. According to Order of the Deputy

Minister of Territorial Cohesion and of the Minister of Environment and Energy No. 7100/2024, Citizens Energy Spaces are set up by local and regional authorities or local entities and they shall be included the municipal climate action plans according to Law No. 98/2021 of 31 December (point 5)

Furthermore, in line with the description of the measure, the Citizen Energy Spaces **offer a range of services to residents such as:**

- **Provision of information and technical support, from the interpretation of energy bills to sustainable energy use and consumer rights.** as established in Point 3(a) of Order No. 7100/2024 and in Clause 1-A 3(a) of the amended Cooperation Protocol concluded between ADENE and ANMP and in clause 2-A 3(a) of the each of the amended Cooperation Protocols concluded by ADENE with ANAFRE, RNAE and CNIS. The Citizen Energy Spaces will help citizens understand their energy bills, their consumer rights and what is their use/potential use of sustainable energy. **Advice, including for the procurement of energy, purchase of equipment, selection of energy efficiency and renewable energy solutions, selection of commercial offers for the implementation of solutions,** as established in Point 3(b) of Order No 7100/2024 and clause 1-A 3(b) of the amended Cooperation Protocol between ADENE and ANMP and clause 2-A 3(b) of each of the amended Cooperation Protocols concluded by ADENE with ANAFRE, RNAE and CNIS. Citizen Energy Spaces will give advice on what are the most adequate energy efficient and renewable energy solutions for specific citizens' needs.
- **Energy assessment of dwellings and proposals of investment with a view to increasing thermal comfort and reducing energy bills,** as established in Point 3(c) of Order No 7100/2024 and Clause 1-A 3(c) of the amended Cooperation Protocol between ADENE and ANMP and clause 2-A 3(c) of the each of the amended Cooperation Protocols concluded by ADENE with ANAFRE, RNAE and CNIS). Citizen Energy Spaces will provide technical assessments on what are the most adequate solutions for thermal comfort while also reducing individual household's energy bills.
- **Advice on access to incentives and financing instruments, public and private, national and local,** as established in Point 3(d) of Order No 7100/2024 and in Clause 1-A 3(d) of the amended Cooperation Protocol between ADENE and ANMP and clause 2-A paragraph 3(d) of the each of the amended Cooperation Protocols concluded by ADENE with ANAFRE, RNAE and CNIS. Citizen Energy Spaces will give advice on what appropriate financial instruments are available for the specific needs of the citizens requesting advice.
- **Collect data about users to be shared with the National Energy Poverty Observatory,** as establish in Point 3(e) of Order No 7100/2024 and Clause 1-A 3e of the amended protocol between ADENE and ANMP and Clause 3-A 3(e) of the amended protocols concluded by ADENE with ANAFRE, RNAE and CNIS. The Citizen Energy Spaces will collect data in order to give a better understanding of energy efficiency needs in households and help to increase the amount of information on energy poverty.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

21.16 Entry into force of an administrative or legal act on renewable hydrogen

Related Measure: C21.r46 Regulatory framework for renewable hydrogen**Qualitative Indicator:** Provision in the administrative or legal act indicating its entry into force**Time:** Q3 2023**1. Context:**

The objective of the reform is to encourage the promotion of renewable hydrogen within a broader strategy aimed at transitioning to a decarbonised economy.

Milestone 21.16 concerns the entry into force of an administrative or legal act on renewable hydrogen determining that only installations complying with the requirements outlined in the Renewable Energy Directive (2018/2001/EU) and its delegated acts shall be considered as renewable hydrogen production installations.

Milestone 21.16 is the first step of the implementation of the reform. It will be followed by milestone 21.17 related to the entry into force of the revised National Gas Transmission Network Regulation and National Gas Distribution Network Regulation. The reform has a final expected date for implementation in Q2 2024.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary Document	Summary Document duly justifying how the milestone was satisfactorily fulfilled
1	Administrative Order No. 13288-B/2023 , of 29 December (published in Portugal's Official Journal " <i>Diário da República</i> " No. 250/2023, second supplement, Series II, of 29 December 2023, pages 5-8), which entered into force on 30 December 2023.	The Order approves a clarification of the procedure to obtain a license for the industrial production of hydrogen from renewable sources.

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Entry into force of an administrative or legal act on renewable hydrogen specifying that only the installations meeting the requirements included in the Renewable Energy Directive and its delegated acts (2018/2001/EU) shall be considered as renewable hydrogen production installations.

Portugal adopted Administrative Order No. 13288-B/2023 which clarifies the licensing procedure by introducing a templated declaration whereby the applicant commits to produce renewable hydrogen according to the requirements included in the Renewable Energy Directive and its delegated acts

(2018/2001/EU) (points 2.6.1 and 2.6.2 of the Annex to Administrative Order No. 13288-B/2023). Moreover, the applicant needs to submit the necessary evidence showing compliance with these requirements (point 2.7 of the Annex to Administrative Order No. 13288-B/2023) and failure to meet the commitments made in the declaration culminates in the refusal of a license (the necessary digital certificate will not be issued) (point 2.8.1. of the Annex to Administrative Order No. 13288-B/2023). Administrative Order No. 13288-B/2023 entered into force one day after its publication (29 December 2023), therefore on 30 December 2023 (point 2 of Administrative Order No. 13288-B/2023).

With the entry into force of Administrative Order No. 13288-B/2023, Portugal ensures that only installations meeting the requirements of Renewable Energy Directive and its delegated acts (2018/2001/EU) receive a license as renewable hydrogen production installation.

Furthermore, in line with the description of the measure **the act shall also set out the procedure to be followed by applicants for licences to produce gases of renewable origin, requiring those applying for a licence to submit a declaration to assume a commitment to meet the requirements for the use of energy from renewable sources as set out in Renewable Energy Directive and its delegated acts (2018/2001/EU) and to ensure the renewable origin of the hydrogen produced**

As mentioned above, when filling the templated declaration applicants commit to: comply with the requirements to use energy from renewable sources under the terms of the Renewable Energy Directive (Point No. 2.6.1 of the Annex to Administrative Order No. 13288-B/2023) and its Delegated Acts (Point No. 2.6.1 of the Annex to Administrative Order No. 13288-B/2023); in addition, applicants are also obliged to follow the progressive entry into force of the requirements established by delegated acts and ensure their fulfilment as soon as they are applicable to the renewable gas production facility in question (point 2.6.3. of the Annex Administrative Order No. 13288-B/2023).

The aforementioned administrative or legal act shall also require that before the start of the production of renewable hydrogen, in order to obtain the ‘permit for the installation and operation of the industrial plant’, the applicant must present, if applicable, the final contract for the purchase of the renewable energy it shall consume in the production process (...)

According to point No. 2.7 of the Annex to Administrative Order No. 13288-B/2023, before initiating the production of renewable hydrogen and to obtain the digital certificate related to the installation and operation of the industrial establishment, the applicant must either present proof of the connection between the renewable electricity production facility and the electrolyser (point No. 2.7.1 of the Annex) or the final contract for the purchase of the renewable energy that will be consumed in the production process (point No. 2.7.2 of the Annex to Administrative Order No. 13288-B/2023).

(...) as well as the information necessary to demonstrate that the commitments made in the declaration have been fulfilled.

As mentioned above, the applicant must present the information needed to unequivocally prove that the commitments made in the declaration have been met (point No. 2.7.3 of Annex to Administrative Order No. 13288-B/2023).

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

21.18 Launch of the first auction of centralised purchase of sustainable biomethane

Related Measure: C21.r47 First auction for sustainable biomethane and biomethane action plan**Qualitative Indicator:** Launch of the first auction of centralised purchase of sustainable biomethane**Time:** Q3 2023**1. Context:**

The objective of this reform is to encourage and enhance the production and consumption of sustainable biomethane, establishing the necessary conditions for developing a market for the production and development of biomethane in Portugal. It involves launching the first auction for the centralised procurement of sustainable biomethane and adopting a Biomethane Action Plan.

Milestone 21.18 consists of the launch of the first auction of centralised purchase of sustainable biomethane, according to the rules set out in Government Order 15/2023 of 4 January, aiming at purchasing 150 GWh/year of biomethane for injection into the national gas grid.

Milestone 21.18 is the first step of the implementation of the reform. It will be followed by milestone 21.19, related to adoption of the Action Plan for Biomethane. The reform has a final expected date for implementation in Q1 2024.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary Document	Summary Document duly justifying how the milestone was satisfactorily fulfilled
2	Government Order No. 15/2023 of 4 January (published in Portugal's Official Journal, ' <i>Diário da República</i> ', No. 03/2024, first series of 4 January 2024, pages 34-36), which entered into force the following day after publication, on 5 January 2024	Legal act establishing the centralised purchase system for biomethane and hydrogen produced by electrolysis from water using electricity from renewable energy sources
3	Order of the Minister of the Environment and Energy No. 5971-A/2024 of 27 May (published in Portugal's Official Journal, ' <i>Diário da República</i> ', No. 102/2024, Supplement, second series), which entered into force on 28 May 2024	Legal act launching the auction of centralised purchase of sustainable biomethane
4	Link to the trading platform https://www.omip.pt/pt/LGR2024	Link of the trading platform for energy products for MIBEL Market allowing for the auction registration. Commission services verified on 31 July that the platform is operational and information on the biomethane action is available.

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Launch of the first auction of centralised purchase of sustainable biomethane,

Paragraph 1 of Order of the Minister of the Environment and Energy No. 5971-A/2024, which entered into force on 28 May 2024 (paragraph 10 of Order of the Minister of the Environment and Energy No. 5971-A/2024), opens the procedure for the first auction of centralised purchase of sustainable biomethane. The electronic auction was launched on 28 May 2024 (paragraph 9 of Order of the Minister of the Environment and Energy No. 5971-A/2024) on the trading platform provided in paragraph 2 of Order of the Minister of the Environment and Energy No. 5971-A/2024. The link to the trading platform also proves that the auction has been launched and provides all the necessary information regarding the rules and procedures for the auction.

according to the rules set out in Government Order 15/2023 of 4 January, aiming at purchasing 150 GWh/year of biomethane for injection into the national gas grid.

Paragraph 1 to 9 of Order of the Minister of the Environment and Energy No. 5971-A/2024 sets out that the auction rules are as set out in Government Order 15/2023 of 4 January. Article 2 (1) of Government Order No. 15/2023, required the Government to open a competitive procedure for the purchase of biomethane and hydrogen by electrolysis from water, using electricity from renewable energy sources, for injection into the national gas grid, for 150 GWh/year of biomethane. In accordance with Government Order No. 15/2023, and with the aim of purchasing 150 GWh/year of biomethane for injection into the national gas grid, paragraph 6 of Order of the Minister of the Environment and Energy No. 5971-A/2024 states that the maximum quantities of biomethane to be purchased are those outlined in Article 2(1) of Government Order No 15/2023.

Furthermore, in line with the description of the measure **the reform shall entail the launch of the first auction for the centralised purchase of sustainable biomethane by the Wholesale Last Resort Marketer (CURg).**

Paragraph 1 of Order of the Minister of the Environment and Energy No. 5971-A/2024 sets out the launch of the call and that the auction consists of the opening of a competitive procedure, in the form of an electronic auction, for the centralised purchase of biomethane and hydrogen produced by electrolysis from water, using electricity from renewable energy sources by the Wholesale Last Resort Marketer (CURg).

The auction shall aim at the purchasing 150 GWh/year of biomethane for injection into the national gas grid

Paragraph 6 of Order of the Minister of the Environment and Energy No. 5971-A/2024 states that the maximum quantities to be purchased are those outlined in Article 2(1) of Government Order No 15/2023. Article 2(1) sets this quantity as a single figure of 150 GWh/year for biomethane for injection into the national gas grid.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

21.20 Establishment of EMER 2030

Related Measure: C21.r48 Simplification of the legal and regulatory framework applicable to renewable energy projects**Qualitative Indicator:** Provision indicating the entry into force of the legislative act**Time:** Q3 2023**1. Context:**

The objectives of the reform are the promotion of renewable energy projects by simplifying the legal and regulatory framework concerning renewable energy permitting, creating a Taskforce for Licensing of Renewable Energy Projects 2030 (EMER 2030) and establishing a municipal regulation for renewable energy and storage projects. It also includes a timetable for allocating new renewable energy capacity and the training of 500 public administration managers and technicians involved in renewables permitting. Milestone 21.20 consists of the entry into force of the legislative act establishing the Taskforce for Licensing of Renewable Energy Projects 2030 (EMER 2030).

Milestone 21.20 is the first step of the implementation of the reform together with milestone 21.21, which concerns the entry into force of a Regulation for municipal licensing of renewable energy and storage projects.

These two milestones will be followed by milestones 21.22 and 21.23 related respectively to the training of 500 managers and technicians, and to the adoption of a timetable for the allocation of new renewable energy capacity. The reform has a final expected date for implementation in Q2 2024.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the milestone (including all the constitutive elements) was satisfactorily fulfilled
2	Council of Ministers Resolution No. 50/2024 of 26 March 2024 (published in Portugal's Official Journal, "Diário da República", No. 61/2024, first series of 26 March 2024), which entered into force on 27 March 2024.	Legislative act establishing the Taskforce for the Licensing of Renewable Energy Projects 2030 (EMER 2030)

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Entry into force of the related legislative act establishing EMER 2030. The legislative act shall define EMER 2030's tasks as specified in the measure description.

On 26 March 2024, Portugal published Council of Ministers Resolution No. 50/2024, which creates the Taskforce for the Licensing of Renewable Energy Projects 2030 (EMER 2030) (paragraph 1)). Council of Ministers Resolution No. 50/2024 entered into force one day after its publication, on 27 March 2024 (paragraph 24). Council of Ministers Resolution No. 50/2024 defines EMER 2030's mission (paragraph 1) and objectives (paragraph 3) and the necessary means to achieve them (paragraphs 4-9, 11, 17 and 18). Both the mission and the objectives constitute the actions that EMER is tasked for. These actions, include the tasks specified in the measure description as explained below).

Furthermore, in line with the description of the measure, (...) **Among others, the task of EMER 2030 shall be: o To ensure that the objectives of the revised National Energy and Climate Plan 2030 are met and to speed up the implementation of renewable energy projects in Portugal;**

Paragraph 1 of Council of Ministers Resolution No. 50/2024 identifies as a mission of EMER to ensure that the objectives of the revised 2030 National Energy and Climate Plan are met and to accelerate the implementation of renewable energy projects in Portugal.

(...) o To develop a manual of procedures to support and simplify the licensing procedure for self-consumption and renewable energy communities;

Paragraph 3 (b) of Council of Ministers Resolution No. 50/2024 establishes as a task the development a manual of procedures to support and simplify the permitting procedure for self-consumption and renewable energy communities.

(...) o To develop, implement and manage the One-Stop-Shop for the Licensing and Monitoring of Renewable Energy Projects;

Paragraph 3 (c) of Council of Ministers Resolution No. 50/2024 establishes as objective of the unit to develop, implement and manage the one-stop shop for permitting and monitoring renewable energy projects. This investment is part of the RRP measure RP-C21-09.

(...) o To develop a proposal for a Sectoral Programme for Renewable Go-To-Areas;

Paragraph 3 (f) of Council of Ministers Resolution No. 50/2024 establishes as objective of the unit to draw up a proposal for a sectoral programme for "Renewable Go-To-Areas".

(...) o To consolidate the legal and regulatory framework applicable to the electrical and environmental licensing of renewable energy and storage projects.

Paragraph 3 (a) of Council of Ministers Resolution No. 50/2024 establishes as objective of the unit to consolidate the legal and regulatory framework for electric and environmental permitting of renewable energy projects and storage.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

21.21 Entry into force of the Regulation for municipal licensing of renewable energy and storage projects

Related Measure: C21.r48 Simplification of the legal and regulatory framework applicable to renewable energy projects

Qualitative Indicator: Provision in the Municipal Regulation indicating the entry into force of the Municipal Regulation

Time: Q3 2023

1. Context:

The objectives of the reform are the promotion of renewable energy projects by simplifying the legal and regulatory framework concerning renewable energy permitting, creating a Mission Unit for Licensing of Renewable Energy Projects 2030 and establishing a municipal regulation for renewable energy and storage projects. It also includes a timetable for allocating new renewable energy capacity and the training of 500 public administration managers and technicians involved in renewables permitting.

Milestone 21.21 consists of the entry into force of a Regulation for municipal licensing of renewable energy and storage projects, aiming at simplifying municipal licensing procedures. It is the first step of the implementation of the reform, together with milestone 21.20 related to establishment of the Mission Unit for Licensing of Renewable Energy Projects 2030.

These will be followed by milestones 21.22 and 21.23 related respectively to the training of 500 managers and technicians and the adoption of a timetable for the allocation of new renewable energy capacity. The investment has a final expected date for implementation in Q2 2024.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary Document	Summary document duly justifying how the milestone (including all the constitutive elements) was satisfactorily fulfilled
2	Government Order No. 71-A/2024 of 27 February (published in Portugal's Official Journal, "Diário da República", No. 41/2024, first series of 27 February 2024), which entered into force on 4 March 2024.	Legal act identifying the elements necessary of the procedures provided in the legal framework for urbanisation and building and repealing Ministerial Implementing Order No 113/2015 of 22 April

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Publication of the Government Order establishing the regulation for municipal licensing of renewable energy projects and storage.

On 27 February 2024, Portugal published Government Order ("*Portaria*") No. 71-A/2024, which identifies the elements necessary to apply for the municipal licensing of renewable energy projects (Article 2(8) and Annex I, paragraph 27). Government Order No. 71-A/2024 further regulates Decree-Law No 555/99 of 16 December 1999, as amended, which establishes the rules for obtaining licenses and permits for construction projects, including wind and solar power plants and energy storage facilities (preamble of Government Order No. 71-A/2024). Government Order No. 71-A/2024 entered into force on 4 March 2024 (Article 4).

Furthermore, in line with the description of the measure, **the reform shall also entail the establishment of a Regulation for municipal licensing of renewable energy and storage projects by amending Ministerial Order 113/2015, which defines the relevant elements to be submitted for the municipal licensing procedure of renewable energy projects.**

Government Order No. 71-A/2024 repeals (and substitutes) Ministerial Implementing Order No. 113/2015 (see article 3 of Government Order No. 71-A/2024). By doing so, it establishes a Regulation for municipal licencing of renewable energy, which identifies the relevant elements to be submitted for the municipal licensing procedure of renewable energy projects (see article 2(8) and Annex I, paragraph 27 Government Order No. 71-A/2024).

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

21.24 Call for tender for projects of renewable gas production

Related Measure: C21.i06 Scaled-up measure: Hydrogen and renewable gases**Qualitative Indicator:** Call for tender launched**Time:** Q4 2023**1. Context:**

This investment is to scale-up the existing investment C14-i01: Hydrogen and renewable gases under component 14. It aims at increasing the production capacity of renewable hydrogen and renewable gases. The measure shall consist of actions to favour production, storage, transport and distribution of renewable gases aiming at increasing the contribution of renewable gases to energy consumption, reducing GHG emissions, reducing energy dependency and improving security of energy supply.

Milestone 21.24 consists of the launch of the call for the selection of projects to be supported for at least 77 MW of new installed renewable hydrogen and other renewable gases energy capacity.

Milestone 21.24 is the first step of the implementation of the investment. It will be followed by target 21.25, related to additional renewable hydrogen and renewable gas production capacity. The investment has a final expected date for implementation in Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary Document	Summary document duly justifying how the milestone (including all the constitutive elements) was satisfactorily fulfilled.
2	Call Notice No. 01/RP-C21-i06/2024 , of 19 June 2024, published on the website of Fundo Ambiental and launched on 21 June 2024	Call for scaling up the measure on the production of hydrogen and renewable gases.
3	Order of the Director General for Energy and Geology No. 13288-B/2023 of 29 December (published in Portugal's Official Journal ' <i>Diário da República</i> ' No. 250/2023, second supplement, second series II of 29 December 2023, pages 5-8), which entered into force on 30 December 2023	The Order approves the clarification of the procedure to be adopted for licensing the industrial production of hydrogen from renewable sources.

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Launch of the call for the selection of projects to be supported for at least 77 MW of new installed renewable hydrogen and other renewable gases energy capacity

Call No. 01/RP-C21-i06/2024 was launched online by Fundo Ambiental on 21 June 2024, as stated on the website of Fundo Ambiental, in the dedicated page for the launch of the call [\(link: https://www.fundoambiental.pt/apoios-prr/c21-repowerreu1/rp-c21-06-medida-reforcada-capacidade-adicional-de-hidrogenio-e-gases-renovaveis.aspx\)](https://www.fundoambiental.pt/apoios-prr/c21-repowerreu1/rp-c21-06-medida-reforcada-capacidade-adicional-de-hidrogenio-e-gases-renovaveis.aspx). A spot check by Commission services on 9 September 2024 confirmed the active status of the website. The call aims to cover measure C21-i06 of the Portuguese Recovery and Resilience Plan, as demonstrated in point 1.1 of the call. It aims to select and support projects for the production and installation of renewable hydrogen and other renewable gases of at least 77 MW of new installed capacity (point 5.5).

Furthermore, in line with the description of the measure, **the measure shall increase the production capacity of renewable hydrogen and renewable gas.**

Call No. 01/RP-C21-i06/2024 aims to increase the production capacity of renewable hydrogen and renewable gases (section 1 and point 8.1 of the call).

Furthermore, in line with the description of the measure, **the measure shall consist of actions to favour production, storage, transport and distribution of renewable gases aiming at increasing the contribution of renewable gases to energy consumption, reducing GHG emissions, reducing energy dependency and improving security of energy supply.**

Call No. 01/RP-C21-i06/2024 is part of a programme “Capacidade adicional de produção de hidrogénio renovável e gás renovável” that aims to promote the energy transition in Portugal, contribute to climate neutrality and increase security of energy supply by promoting the production of renewable hydrogen and renewable gases (point 1.2 and 1.3 of call No. 01/RP-C21-i06/2024).

Section 3 of call No. 01/RP-C21-i06/2024 indicates the conditions of eligibility of the call. Point 3.1 states that only the production of renewable hydrogen and renewable gases in line with Directive 2018/2011 are eligible. As a condition of access to finance, installations producing ‘renewable hydrogen’ and ‘gases of renewable origin’ will have to declare compliance with the sustainability and greenhouse gas emissions saving criteria of Directive (EU) 2018/2001, as amended, on the promotion of the use of energy from renewable sources and its implementing or delegated acts (Point 3.3 of the call No. 01/RP-C21-i06/2024).

As stated in point 8.4 of call No. 01/RP-C21-i06/2024, applications may include investments including storage, preparation for the transmission and distribution (e.g. storage and compression systems) of renewables gases and technical systems supporting the optimal management of renewable gas production.

Furthermore, in line with the description of the measure, **various applications shall be supported such as the use of renewable gases for transport and the injection of renewable gases into the natural gas grid.**

Point 8.4 of the call No. 01/RP-C21-i06/2024 indicates that the applications could include as well complementary measures such as transport and distribution of renewable gases and this is also taken into account in the assessment grid for selection of projects of the call (annex III). Applications that include injection of renewable gases into the natural gas grid are also supported (Point 5.3).

Furthermore, in line with the description of the measure, **for the production of renewable hydrogen only electrolysis shall be used. For the production of other gases of renewable origin other technologies shall**

be employed from the following list: a) thermochemical and hydrothermal processes (exclusively for the production of sustainable biomethane); b) biological processes (biophotolysis and fermentation); c) biogas enrichment from anaerobic digestion of biomass materials shall be used exclusively for the production of sustainable bio-methane (biogas production could be supported if it also includes upgrading biogas to sustainable bio-methane); and d) methanation shall be produced only from bio-waste. The production of renewable hydrogen other gases of renewable origin needs to comply with the Renewable Energy Directive and its delegated acts (2018/2001/EU).

Point 3.5 of Call No. 01/RP-C21-i06/2024 indicates that only electrolysis should be used for the production of renewable hydrogen and indicates the technologies that could be used for the production of sustainable biomethane, which is the only other renewable gas included in the call: 1) biogas enrichment from anaerobic digestion of biomass materials, provided that it will be used exclusively for the production of sustainable bio-methane (biogas production could be supported if it also includes upgrading biogas to sustainable bio-methane and 2) methanation, provided that it is produced only from bio-waste. Only operations falling within the scope of projects aiming at the production of renewable hydrogen and gases of renewable origin in accordance with the Renewable Energy Directive (2018/2001/EU) are eligible (Point 3.1, 3.3 and 10.1).

The project shall be implemented through open call(s) for tenders with the aim to support projects with a maximum of EUR 15 000 000 per project.

Point 1.1 of call No. 1/RP-C21-i06/2024 indicates that the call for tender is open and competitive, based on selection and eligibility criteria which are objective, transparent and non-discriminatory. Point 5.4 of call No. 01/RP-C21-i06/2024 indicates that the supported projects have a maximum allocation of EUR 15 000 000.

This measure shall support mature technologies (TRL > 8), encouraging not only the production of renewable hydrogen, but also the production of other renewable gases through the energy recovery of the organic component of municipal waste, sewage treatment plant sludge, agricultural and industrial effluents, among others (excluding plastic waste).

Point 1.7 of call No. 01/RP-C21-i06/2024 confirms that the call aims to support investments in mature technologies with Technology Readiness Levels above 8. Point 3.4 of the call mandates that eligible investments shall have Technology Readiness Levels above 8. It further outlines that the call aims to encourage not only the production of renewable hydrogen but also the production of other renewable gases through the energy recovery of the organic component of urban waste, sewage treatment plant sludge, agricultural and industrial effluents, among others (excluding plastic waste), through a competitive bidding process.

The production of recycled carbon fuels shall not be foreseen as part of this investment.

Point 3.5 of Call No. 01/RP-C21-i06/2024 indicates that operations for the production of recycled carbon fuels are not eligible.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Loan support

Number and name of the Milestone:

5.26 Capital market development — entry into force of legislation

Related Measure: C05.r13 Capital market development and promotion of capitalisation of non-financial companies

Qualitative Indicator: Entry into force of legislation for the capital market development

Time: Q4 2023

1. Context:

The objective of this measure is to boost the Portuguese capital market and to promote the capitalisation of companies, with particular emphasis being placed on securities investment companies for development of the economy, collective investment undertakings and the revision of the securities code.

Milestone 5.26 concerns the entry into force of legislation for the capital market development, incentivising access to equity, business growth, debt financing and investor participation in capital markets.

Milestone 5.26 is the third and last milestone of the reform, and it follows the completion of milestone 5.24 and milestone 5.25, related respectively to (i) the entry into force of an Act reviewing the legal framework for collective investment undertakings and (ii) the entry into force of an Act reviewing the Securities Code, with a view to regulatory and administrative simplification. The reform has a final expected date for implementation in Q4 2023.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Document duly justifying how the milestone (including all the constitutive elements) was satisfactorily fulfilled
2	Law No. 31/2024 of 28 June (published in the <i>Diário da República</i> No. 124/2024, first series of 28 June 2024, pages 1-9), entered into force on 29 June 2024	Law No. 31-2024 introduces fiscal measures for the development of capital markets
3	Decree Law No. 72/2021 of 16 August (published in the <i>Diário da República</i> No. 242/2021, first series of 16 August 2021, pages 17-29), entered into force on 1 September	Decree Law No. 72/2021 revises the legal regime for securities investment companies for development of economy (SIMFEs)
4	Law No. 82/2023 of 29 December (published in the <i>Diário da República</i> No. 250/2023, first series of 29 December 2023, pages 2-322),	Law No. 250/2023, presents the 2024 state budget

	entered into force on 1 January 2024	
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3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Entry into force of legislation for the capital market development.

On 28 June 2024, Portugal published Law No. 31/2024, which reviews the legal framework for capital markets and introduces fiscal incentives aimed at their development. Law No.31/2024 entered into force one day after its publication, on 29 June 2024 (Article 6).

Law No. 31/2024 completed the adoption of the necessary legislation for the development of capital markets. Before Law No. 31/2024, Portugal adopted Decree Law No. 72/2021, which reviewed the legal regime of securities investment companies for development of the economy (SIMFEs), and Law No 82/2023, which introduces incentives for the capitalisation of companies. Decree-Law No. 72/2021 entered into force on 1 September 2021 (Article XXX), Law No. 82/2023, entered into force on 1 January 2024 (Article 320).

The legislation shall focus on creating incentives for, inter alia, i) access to equity through the capital market, ii) the creation of an environment conducive to business growth, iii) debt financing on the market, iv) investor participation.

The laws adopted by Portugal, identified above, create the necessary incentives. More specifically:

- Incentives for ‘i) access to equity through the capital market’ are provided by:
 - Articles 2, 4 and 5 of Law No. 31/2024 of 28 June which introduce, i) amendments to article 20 of the personal income tax code (Decree Law 442-A/88), removing personal income tax liabilities for non-Portuguese actors indirectly holding between 10% and 25% of the shares, voting rights or rights to the income or assets of a specific entity; ii) amendments to article 43 of the personal income tax code, introducing partial exemptions to personal income taxes for incomes derived from tradeable securities held for periods longer than two years; iii) amendments to article 23 of the fiscal benefits code (Decree Law 215/89), which align the tax benefits of the securities investment companies for development of economy (SIMFEs) to those already granted to alternative investment funds; iv) the introduction of article 32-E of the fiscal benefits code, providing incentives to issue and transfer shares of SMEs or small midcaps in regulated markets.
 - Article 265 of Law No. 82/2023 amends article 12 of Law No. 21/2023 on the framework of startups and scaleups, by introducing fiscal incentives for employees of such enterprises to hold equity stakes in the companies for which they work.

These amendments are expected to incentivise Portuguese companies to access equity through the capital market, by making investments in equity products more attractive for both investors and the companies themselves.

- Incentives for ‘ii) the creation of an environment conducive to business growth’ are provided by:
 - Articles 2 and 4 of Law No. 31/2024 which introduce, among others, i) amendments to article 10(a) of the personal income tax code (Decree Law 442-A/88), providing tax incentives for individuals who reinvest the revenues from the sale of immovable property into the acquisition

of a pan-European Personal Pension Product (PEPP); ii) the aforementioned amendments to article 23 of the fiscal benefits code (Decree Law 215/89), which align the tax benefits of SIMFES to those already granted to alternative investment funds.

- Article 262 of Law No. 82/2023, amends article 43-D of the fiscal benefits code increasing the tax incentives for companies to increase their liquid capital levels and, in its article 264, amends articles 11, 13 and 22 of the fiscal code for investment (Decree Law 162/2014), introducing fiscal benefits for corporates that create new qualified jobs.

These fiscal incentives are expected to support investment and increase business growth in Portugal, by increasing the attractiveness of investments and reinvestments in Portuguese firms and SIMFES.

- Incentives for ‘iii) debt financing on the market’ are provided, among others, by:
 - Article 3 of Decree Law No. 72/2021 of 16 August, amending article 4 of the SIMFE code (Decree Law 77/2017), by expanding the number of asset classes eligible for investments from SIMFES, including among the eligible assets also non-financial corporations’ debt and quasi-equity products.
 - Articles 2 and 4 of Law No. 31/2024 which introduce amendments to Article 23 of the fiscal benefits code (Decree Law 215/89), align the tax benefits of the securities investment companies for development of economy (SIMFES) to those already granted to alternative investment funds.

These amendments are expected to provide incentives for debt financing in the Portuguese financial markets, as more debt-products will be eligible under the SIMFES code and will benefit from tax incentives.

- Incentives for ‘iv) investor participation’ are provided through all the articles mentioned in the three points above. The above-mentioned legislative simplifications, fiscal incentives and expanded scope of action for Portuguese investment firms should all incentivise the participation of investors in the Portuguese markets.

Beyond the four incentives discussed so far, the articles mentioned in the above points create incentives also for other beneficial aspects, such as: v) the recapitalisation of Portuguese companies (for instance, through Article 262 of Law No. 82/2023); vi) diversification in the financial instruments held by investors (for instance, through Article 5 of Law No. 31/2024 and Article 3 of Decree Law No. 72/2021); vii) longer investment durations, reducing refinancing risks, with positive implications also for the financial stability in Portugal (for instance, through Articles 4 and 5 of Law No. 31/2024).

Furthermore, in line with the description of the measure, **this reform shall consist of the revision of the existing legal framework and the adoption of new laws that shall contribute to create a more favourable business environment and provide real incentives for investment, business capitalisation and sectoral consolidation. The implementation of this reform shall consist of [the] following measures: (i) capital market development [..].**

As mentioned above, Portugal adopted three legal acts that revised the existing legal framework for the capital market development, amending the personal income tax code, the fiscal benefits code and the judicial framework for SIMFES. These legal acts complement those introduced by Portugal under milestones 5.24 and 5.25, as detailed in their respective assessments.

As explained above, the three legal acts provide incentives for investor's participation and therefore to investment, as well as incentives for firms to access equity through the capital markets and, therefore, to business capitalisation. These new laws also contribute to the creation a more favourable business environment. The above-mentioned amendments incentivise sectoral consolidation, as they introduce incentives for firms to access equity financing in regulated markets. This, in particular for SMEs and mid-caps, increases financial space, supports good management practices and enhances the opportunities of business expansion and the creation of synergies within the sector, incentivising also sectoral consolidation.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

5.43 Delivery by the capitalisation instrument of a total of EUR 650 000 000 to non-financial corporations established and/or operating in Portugal, in equity and quasi-equity support, in line with its investment policy

Related Measure: C05.i06 Capitalisation of companies and financial resilience/Banco Português de Fomento

Quantitative Indicator: EUR

Baseline: 0

Target: 650 000 000

Time: Q4 2023

1. Context:

The objective of the measure is to address the structural problem of firms' undercapitalisation. The investment shall create a special purpose vehicle, managed by Banco Português de Fomento (BPF), which shall invest EUR 1 300 000 000 in viable firms established and/or operating in Portugal in the form of equity and quasi-equity.

Target 5.43 asks for the delivery of EUR 650 000 000 of equity and quasi-equity support, to non-financial corporations established and/or operating in Portugal. This support shall align with the earlier defined investment policy developed by BPF and include both the amounts disbursed to non-financial corporations as direct investments and those allocated to financial intermediaries as indirect investments.

Target 5.43 is the third target of the investment, and it follows the completion of milestone 5.27 and milestone 5.28. It will be followed by target 5.29, related to the delivery of EUR 1.3 billion in equity or quasi equity from BPF to firms established or operating in Portugal. The investment has a final expected date for implementation on 31 December 2023.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Document duly justifying how the target (including the constitutive elements) was satisfactorily fulfilled.
2	List of direct beneficiaries	Excel file with the list of direct beneficiaries of the instrument, including the type of financial instruments used and the amounts delivered under each of the 7 contracts
3	List of financial intermediaries, including amounts allocated under each of the 23 contracts	Excel file with the list of financial intermediaries to implement the instrument, including the type of financial instruments used and the amounts allocated under each of the 23 contracts

4	Seven contracts with final beneficiaries	Contract with final beneficiary 'Efacec Power Solutions, SGPS, S.A.', signed on 30 October 2023 under the program 'Recapitalização Estratégica'
		Contract with final beneficiary 'FWD, S.A.', signed on 11 August 2023 under the program 'Recapitalização Estratégica'
		Contract with final beneficiary 'Têxtil António Falcão, S.A.', signed on 8 November 2022 under the program 'Recapitalização Estratégica'
		Contract with final beneficiary 'Viagens Abreu, S.A.', signed on 29 December 2022 under the program 'Recapitalização Estratégica'
		Contract with final beneficiary 'Lunainvest - SGPS, S.A.', signed on 27 December 2022 under the program 'Recapitalização Estratégica'
		Contract with final beneficiary 'Valérius - Têxteis, S.A.', signed on 17 November 2023 under the program 'Recapitalização Estratégica'
		Contract with final beneficiary 'Bettery, S.A.', signed on 9 November 2023 under the program 'Recapitalização Estratégica'
5	23 contracts with nineteen financial intermediaries	Contract with financial intermediary '3XP Global - SCR, S.A.', signed on 13 March 2023 under the program 'Consolidar' and amended on 20 December 2023
		Contract with financial intermediary 'ActiveCap - Capital Partners SCR, S.A.', signed on 21 Juli 2023 under the program 'Consolidar' and amended on 13 December 2023
		Contract with financial intermediary 'Core Capital - Sociedade de Capital de Risco, SA', signed on 1 March 2023 under the program 'Consolidar' and amended on 30 November 2023
		Contract with financial intermediary 'Crest Capital Partners - Sociedade de Capital de Risco, S.A.', signed on 7 March 2023 under the program 'Consolidar' and amended on 22 November 2023
		Contract with financial intermediary 'Fortitude Capital - Sociedade de Capital de Risco, S.A.', signed on 20 March 2023 under the program 'Consolidar' and amended on 7 December 2023
		Contract with financial intermediary 'Growth Partners Capital - Sociedade de Capital de Risco, S.A.', signed on 1 March 2023 under the program 'Consolidar' and amended on 28 November 2023
		Contract with financial intermediary 'HCapital Partners, SCR, S.A.', signed on 14 March 2023 under the program 'Consolidar' and amended on 14 December 2023

		Contract with financial intermediary 'Horizon Equity Partners, S.A.', signed on 17 February 2023 under the program 'Consolidar' and amended on 2 November 2023
		Contract with financial intermediary 'Inter-Risco - Sociedade de Capital de Risco, SA', signed on 9 March 2023 under the program 'Consolidar' and amended on 5 December 2023
		Contract with financial intermediary 'Oxy Capital - SGOIC, S.A.', signed on 15 June 2023 under the program 'Consolidar' and amended on 14 December 2023
		Contract with financial intermediary 'Touro Capital Partners - SCR, S.A.', signed on 1 March 2023 under the program 'Consolidar' and amended on 18 December 2023
		Contract with financial intermediary '3XP Global - SCR, S.A.', signed on 28 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'Alea Capital Partners, SCR, S.A.', signed on 28 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'August One Capital SCR, S.A.', signed on 28 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'BIVEN Capital Partners - SCR, S.A.', signed on 28 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'Core Capital - SCR, S.A.', signed on 29 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'Crest Capital Partners - SCR, S.A.', signed on 28 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'IMGA - SGOIC, S.A.', signed on 29 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'Indico Capital Partners - SCR, S.A.', signed on 28 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'ISQ - SCR, S.A.', signed on 28 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'Oxy Capital - SGOIC, S.A.', signed on 28 December 2023 under the program 'Venture Capital'
		Contract with financial intermediary 'Point Capital Partners, SCR, S.A.', signed on 29 December 2023 under the program 'Venture Capital'

		Contract with financial intermediary 'Portugal Capital Ventures - SCR, S.A.', signed on 28 December 2023 under the program 'Venture Capital'
6	Proof of transfer of the financing from BPF to the final beneficiaries	Seven documents certifying the financial transfers from BPF to the final beneficiaries
7	Proof of transfer of the financing from BPF to the financial intermediaries	23 documents certifying the financial transfers from BPF to the financial intermediaries
8	Selection processes for final beneficiaries	Seven documents reporting the selection process carried out by BPF for the selection of the seven final beneficiaries
9	Fiche of investment programme 'Recapitalização Estratégica', published on the website of Banco Banco Português de Fomento	The document introduces the selection and eligibility criteria of the investment programme
10	Fiche of investment programme 'Consolidar', published on the website of Banco Banco Português de Fomento	The document introduces the selection and eligibility criteria of the investment programme
11	Fiche of investment programme 'Deal by deal', published on the website of Banco Banco Português de Fomento	The document introduces the selection and eligibility criteria of the investment programme
12	Fiche of investment programme 'Venture Capital', published on the website of Banco Banco Português de Fomento	The document introduces the selection and eligibility criteria of the investment programme

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the target.

Delivery of a total of EUR 650 000 000 to non-financial corporations established and/or operating in Portugal in equity and quasi equity support, in line with the earlier defined investment policy developed by BPF, including the amounts disbursed to non-financial corporations as direct investments and those allocated to financial intermediaries as indirect investments.

Based on its investment policy, BPF delivered EUR 807 564 500 to non-financial corporations and financial intermediaries. In particular, EUR 58 514 500 was disbursed as direct investment to 7 non-financial corporations (under 7 contracts), while EUR 749 050 000 was allocated as indirect investment to 19 financial intermediaries (under 23 contracts):

- Each of the 7 contracts between BPF and the non-financial cooperation defines in its Annex I: the amount to be delivered by BPF, the type of financial instruments used, which in all cases was equity or quasi-equity (subordinated convertible debt), and the co-investors.

The effective delivery of the amounts is demonstrated by each of the 7 proofs of transfer of the financing from BPF to the final beneficiaries.

- Each of the 23 contracts concluded between BPF and the financial intermediaries defines in its Clause 2.1 the amount to be delivered by BPF.

The effective delivery of the amounts took place according to each of the 23 proofs of transfer of the financing from BPF to the financial intermediates.

The exact amounts allocated are specified in the two tables below, as well as in the “List of final beneficiaries” and “List of financial intermediaries”.

Direct investments			
Investment Program	Final beneficiary	Amount (EUR)	Type of financial instrument
Recapitalização Estratégica	Efacec Power Solutions, SGPS, S.A.	35,000,000	Quasi equity
Recapitalização Estratégica	FWD, S.A.	700,000	Equity
Recapitalização Estratégica	Têxtil António Falcão, S.A.	1,620,000	Quasi equity
Recapitalização Estratégica	Viagens Abreu, S.A.	9,999,500	Quasi equity
Recapitalização Estratégica	Lunainvest - SGPS, S.A.	2,865,000	Quasi equity
Recapitalização Estratégica	Valérius - Têxteis, S.A.	6,930,000	Quasi equity
Recapitalização Estratégica	Bettery, S.A.	1,400,000	Equity and quasi-equity
	Total	58,514,500	

Indirect investments			
Investment Program	Financial Intermediary	Amount (EUR)	Type of financial instrument
Consolidar	3XP Global - SCR, S.A.	30.000.000	Private equity fund
Consolidar	ActiveCap - Capital Partners SCR, S.A	47.000.000	Private equity fund
Consolidar	Core Capital - Sociedade de Capital de Risco, SA	50.000.000	Private equity fund
Consolidar	Crest Capital Partners - Sociedade de Capital de Risco, S.A.	50.000.000	Private equity fund
Consolidar	Fortitude Capital - Sociedade de Capital de Risco, S.A.	50.000.000	Private equity fund
Consolidar	Growth Partners Capital - Sociedade de Capital de Risco, S.A.	50.000.000	Private equity fund

Consolidar	HCapital Partners, SCR, S.A.	27.500.000	Private equity fund
Consolidar	Horizon Equity Partners, S.A.	49.000.000	Private equity fund
Consolidar	Inter-Risco - Sociedade de Capital de Risco, SA	44.800.000	Private equity fund
Consolidar	Oxy Capital - SGOIC, S.A.	30.000.000	Private equity fund
Consolidar	Touro Capital Partners - SCR, S.A.	20.000.000	Private equity fund
Venture capital	3XP Global - SCR, S.A.	17.500.000	Private equity fund
Venture capital	Alea Capital Partners, SCR, S.A.	15.000.000	Private equity fund
Venture capital	August One Capital SCR, S.A.	34.500.000	Private equity fund
Venture capital	BIVEN Capital Partners - SCR, S.A.	12.000.000	Private equity fund
Venture capital	Core Capital - SCR, S.A.	27.750.000	Private equity fund
Venture capital	Crest Capital Partners - SCR, S.A.	34.000.000	Private equity fund
Venture capital	IMGA - SGOIC, S.A.	35.000.000	Private equity fund
Venture capital	Indico Capital Partners - SCR, S.A.	35.000.000	Private equity fund
Venture capital	ISQ - SCR, S.A.	14.000.000	Private equity fund
Venture capital	Oxy Capital - SGOIC, S.A.	30.000.000	Private equity fund
Venture capital	Point Capital Partners, SCR, S.A.	34.000.000	Private equity fund
Venture capital	Portugal Capital Ventures - SCR, S.A.	12.000.000	Private equity fund
	Total	749.050.000	

The equity and quasi equity support provided through these instruments is in line with the investment policy developed by BPF and adopted under milestone 5.28 of this investment:

- i. Point 'C)' and clause 2.1, point 'c)' of each of the seven contracts with final beneficiaries, require compliance with the relevant investment programmes of the fund under which the contracts are concluded. Sections 26 and 27 of the four investment programmes then demand compliance with the investment policy of the fund.
- ii. Points 'I)' and 'M)' of the 23 contracts with financial intermediaries, require compliance with the relevant investment programmes of the fund. As above, sections 26 and 27 of the four investment programmes then demand compliance with the investment policy of the fund.
- iii. The DNSH requirements and compliance with the exclusion list are then required by clause 3.t and 3.u of the seven contracts with final beneficiaries, and in clause 4.s of the 23 contracts with financial intermediaries, as well as in the section '*Condições de elegibilidade dos beneficiários finais*' and in *Annex I* of each investment programme.

The target is further specified in the Operational Arrangements, which requires that '**In addition to the investments being delivered in line with the earlier defined investment policy, the investments shall be undertaken in line with individual investment programme(s). Such individual investment programmes(s) shall contain eligibility and selection criteria, respecting those defined in the earlier defined investment policy, that shall be tailored towards the specificities of the individual investment product(s).**'

As explained above, the contracts with the final beneficiaries and financial intermediaries both require compliance with the respective investment programmes under which they are concluded. Each of the four

investment programs requires alignment with the investment policy of the fund, as stated in sections 26 and 27 of the four investment programmes. Namely, each of the four investment programmes includes eligibility criteria, outlined in the section *'Condições de elegibilidade dos beneficiários finais'* as well as selection criteria, outlined in Annex II *'Critérios de seleção'*, provided in the fiches of the four investment programmes. The selection and eligibility criteria are tailored to the specificities of each investment product. These include (i) requirements for the final beneficiaries to be legally established and operating in Portugal, having fulfilled their reporting and tax obligations (in the section *'Condições de elegibilidade dos beneficiários finais'*), (ii) the DNSH requirements and compliance with the exclusion list (in the section *'Condições de elegibilidade dos beneficiários finais'* and in Annex I), (iii) viability checks for final beneficiaries (Annex II of the *'Recapitalização Estratégica'* and *'Deal by deal'* investment programmes) and (iv) a competitive process to select the best suited financial intermediaries (Annex II of the *'Venture capital'* and *'Consolidar'* investment programmes).

In this respect, Annexes I and II to the seven documents with the selection processes, carried out by BPF for the selection of the final beneficiaries prove the use of the selection and eligibility requirements relevant under the respective investment programmes, also complying with the DNSH Technical Guidelines (2021/C58/01) in line with the requirements of the investment policy.

The target is further specified in the Operational Arrangements, which requires that **'The amount of support provided by the fund to reach the target shall be calculated as the sum of: a) in the case of direct measures, equity and quasi-equity support at its nominal value, b) the amount of public funds committed to financial intermediaries in the case of indirect measures, developed according to a fund-of-funds model, funds committed to private equity or similar capital market operators mandated to deploy equity and quasi-equity investment in firms operating in Portugal, in accordance with CID summary description concerning the implementation of this investment; c) the amount of provisioning of guarantees provided towards equity and quasi equity instruments (excluding the multiplier effect).'**

This requirement is justified by the above-mentioned evidence proving the *'Delivery of a total of EUR 650 000 000'*. More specifically, the direct measures refer to direct financing to non-financial corporations, as reported in clauses 6.3 and 6.4 of the 7 contracts with final beneficiaries, which specify also if the support is given through equity or quasi-equity, and as summarised in the "direct investment" table above. Similarly, the indirect measures refer to amounts committed to financial intermediaries, mandated to invest it as equity or quasi equity in firms operating in Portugal, as described in clauses 2.1 and 4.3 of the 23 contracts with financial intermediaries, as well as in the "indirect investments" table above. The amounts provided for direct measures under point 'a)' are proven by the contracts with the final beneficiaries and their respective proofs of transfers, while the amounts committed for indirect measures under point 'b)' are proven by the contracts with financial intermediaries and the respective proofs of transfers. All of these financial intermediaries are private equity funds or similar capital market operators (i.e., *"fundos de capital de risco"*), as also required in sections 3 and 4 of the investment programmes. No guarantees were provided so far, therefore the calculation of the targeted amount disbursed by BPF does not include any guarantee.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Target:

5.46 Conclusion of contracts to develop new products, processes or services in strategic areas relevant to the low-carbon economy, resilience and adaptation to climate change.

Related Measure: C05-i12 Scale-up: Green Agendas/Alliances for business innovation (Loans)

Quantitative Indicator: Number

Baseline: 10

Target: 20

Time: Q3 2023

1. Context:

The objective of the investment is to strengthen Portugal’s scientific and technological capabilities via the deployment of ambitious research and innovation agendas, focused on the green transition, by consortia between business and technological or academic institutions. These agendas support the development of innovative products, processes and services.

Target 5.46 requires the conclusion of ten contracts (innovation pacts or mobilising projects), which support at least 147 products, processes and services that comply with the DNSH Technical Guidance.

Target 5.46 is the first of two targets under this investment, and it will be followed by target 5.47 related to the completion of the products, processes and services proposed by the consortia. The investment has a final expected date for implementation in Q4 2025.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Document duly justifying how the target (including the constitutive elements) was satisfactorily fulfilled.
2	Tender Notice No. 02/C05-i01/2022 , of 22 February 2023, published on the website of Recuperar Portugal	This Tender notice specifies the criteria for the selection of the projects and the specific requirements, including the DNSH eligibility criteria.
3	Tender Notice No. 01/C05-i01/2021 , of 1 July 2021, published on the website of Recuperar Portugal	This Tender notice specifies the criteria for the selection of the projects and the specific requirements, including the requirement for ‘Green agendas’ to align with intervention field 022.
4	Contracts (terms of acceptance) with the ten consortia, including the list of projects supported	Contract with consortium leader ‘EFACEC Energia, Maquinas e Equipamentos Electricos, S.A.’, signed on 18 August 2023, constituting agenda ‘Aliança para a Transição Energética’, supporting 45 products, processes or services;

		<p>Contract with consortium leader 'VISTA ALEGRE ATLANTIS, S.A', signed on 29 November 2022, constituting agenda 'Ecocerâmica e Cristal de Portugal', supporting 33 products, processes or services;</p>
		<p>Contract with consortium leader 'Navigator Paper Setubal', signed on 26 May 2023, constituting agenda 'From Fossil to Forest', supporting 11 products, processes or services;</p>
		<p>Contract with consortium leader 'EFACEC Engenharia', signed on 4 July 2023, constituting agenda 'H2Driven', supporting two products, processes or services;</p>
		<p>Contract with consortium leader 'PETROGAL, S.A.', signed on 20 April 2023, constituting agenda 'Moving2Neutrality', supporting eight products, processes or services;</p>
		<p>Contract with consortium leader 'PRIO BIO S.A.', signed on 6 July 2023, constituting agenda 'M-ECO2', supporting four products, processes or services;</p>
		<p>Contract with consortium leader 'Solancis - Sociedade Exploradora de Pedreiras S.A.', signed on 28 February 2023, constituting agenda 'Sustainable Stone by Portugal - Valorização da Pedra Natural para um futuro digital, sustentável e qualificado', supporting six products, processes or services;</p>
		<p>Contract with consortium leader 'COMPTA - EMERGING BUSINESS, S.A. (BEE2SOLUTIONS)', signed on 13 July 2023, constituting agenda 'CircularTECH', supporting 30 products, processes or services;</p>
		<p>Contract with consortium leader 'REN Gas S.A.', signed on 8 September 2023, constituting agenda 'Agenda H2 Green Valley', supporting 12 products, processes or services;</p>
		<p>Contract with consortium leader 'Sermec II – Indústria, Comércio e Serviços, S.A', signed on 16 June 2023, constituting agenda 'PRODUZIR MATERIAL CIRCULANTE FERROVIÁRIO EM PORTUGAL', supporting one product, process or service;</p>

5	Government order No. 43-A/2022 of 19 January, published in Portugal's Official Journal Diário da República No. 13/2022 (first series of 19 January 2022, pages 2-16	The legal act introduces the incentive system 'Agendas for Business Innovation'.
6	Assessments of the evaluating authority (ten documents, one per consortium)	The documents report the scores received by each consortium in each of the selection criteria
7	Explanations of compliance with intervention field 022, by the consortia (ten documents, one per consortium);	The documents report how each individual consortium complies with intervention field 022

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the target.

Conclusion of ten additional contracts (innovation pacts or mobilising projects) with consortia [..].

The contracts (terms of acceptance) with the ten consortia were signed between November 2022 and September 2023. The contracts were signed on page 4 by the respective leader of the consortium, agreeing to the terms and conditions in each contract. In this respect, the terms of acceptance ('Termos de Aceitação') are 'standard contractual clauses' which take the form of a 'contract of adhesion' (contracts where one of the parties has limited to no negotiating power) in the Portuguese legal system.

Section 2 of Tender Notice No. 02/C05-i01/2022 requires the agendas to take the form of either 'Innovation pacts' or 'Mobilising projects'. These two types of consortia are defined in Article 2 (d) and (e) of the annex to Government Order No. 43-A/2022.

...which [the contracts] shall include: i) Identification of the constituent entities of the consortium; ii) The business plan/investment; iii) The amount of funding; iv) The objectives to which the beneficiary is bound; v) The form of monitoring.

The above elements are included in the contracts (terms of acceptance) with the ten consortia, where:

- i) the constituent entities of the consortium are identified and listed in Annex IV ('Beneficiários') to each of the contracts;
- ii) the business plan/investment of the consortia is outlined in clause 3 and Annex III ('Resumo do Incentivo') of each of the contracts (reporting the amounts of the overall investment and of the support provided, and how such amounts will be divided between entities and types of investments);
- iii) the amount of funding (total support provided by the investment) is included in clause 6 of each of the contracts;
- iv) the objectives to which the beneficiaries are bound are defined in annex V of each of the contracts, outlining the products, processes and services to be developed by the beneficiary entities (consortia);

- v) the form of monitoring, to which the beneficiary entities are bound, is outlined in clause 10 of each contract with the ten consortia, as well as in Article 20 of the annex to Government Order No. 43-A/2022.

The contracts shall support a total of at least 147 products, processes or services

The number of contracted products, processes or services (PPS) supported by the contracts (terms of acceptance) signed with the ten consortia is 152. This number represents the sum of the number of products, processes or services (PPS) listed in Annex V of each contract as indicated below.

Name of consortia leader/agenda	Number of PPS
EFACEC - Transição Energética	45
VISTA ALEGRE - EcoCerâmica	33
Navigator - From Fossil to Forest	11
EFACEC - H2Driven	2
PETROGAL - Moving2Neutrality	8
Prio - M-ECO2	4
Solancis - Sustainable Stone	6
BEE2SOLUTIONS - CircularTECH	30
REN - H2 Green Valley	12
SERMEC - Material Circulante	1
Total	152

[The contracts] shall align with intervention field 022 (Research and innovation processes, technology transfer and cooperation between companies with a focus on the low-carbon economy and resilience and adaptation to climate change).

The ten contracts (terms of acceptance) with the consortia align with intervention field 022, as in their first paragraph they require each of the consortia to comply with the conditions of Tender Notice No. 02/C05-i01/2022, which in turn require the consortia to comply with the conditions of the initial Tender Notice No. 01/C05-i01/2021 of 1 July. The first section ('Enquadramento') of Tender Notice No. 01/C05-i01/2021 requires all green agendas to be in close alignment with intervention field 022. The consortia under this investment are classified as 'Green Agendas', as specified in Annex I (Parecer de Análise) to the ten contracts with the consortia.

Further evidence on the alignment with intervention field 022 is provided through the ten assessments of the evaluating authority (Agenda Coordination Committee, composed as per section 8 of Tender Notice No. 02/C05-i01/2022), evaluating the plans proposed by the consortia for the first tender. Each plan was examined also in terms of 'Project contribution to carbon neutrality and energy resilience', which is a criterion for projects under intervention field 022 (beyond R&D and technology transfer, which the agendas represent by definition). The selected ten consortia comply with intervention field 022 as they scored 5.00 (the highest score) in the field 'Project contribution to carbon neutrality and energy resilience' (point 'F.' of section 7 of the Tender Notice No. 02/C05-i01/2022, as reported by criterion F of the 'Overall Assessment' table in the ten assessments of the evaluating authority), which shows their alignment with intervention field 022.

An additional justification for the alignment is provided in the ten explanations of compliance with intervention field 022, provided by the consortia, which also outline the climate contribution of each agenda and how they align with intervention field 022.

The terms of reference shall include eligibility criteria that ensure that the selected projects comply with the ‘Do no significant harm’ Technical Guidance (2021/C58/01) through the use of an exclusion list and the requirement of compliance with the relevant EU and national environmental legislation.

Tender Notice No. 02/C05-i01/2022 includes the relevant exclusion list and DNSH requirements, complying with the ‘Do no significant harm’ Technical Guidance (2021/C58/01), as a binding requirement for each consortium (line ‘d’ of section 4, and in Annex A). Line ‘e’ of section 4 requires compliance with the relevant EU and national environmental legislation.

The contracts shall be additional to the contracts implemented in RE-C05-i01.02 and RE-C05-i10.

The contracts are additional to those in RE-C05-i01.02, as they are signed following the same tenders but with different consortia (see assessment of target 5.7). More specifically, the four contracts signed for the purpose of target 5.7 were signed with the following consortia: (i) GreenAuto; (ii) BE.Neutral; (iii) Hi-rEV and (iv) SinesH2GValley, and the six consortia signed for the purpose of target 5.41 are: (i) Sustainable Plastic; (ii) Embalagem do future; (iii) Smart Wagons; (iv) Center for Responsible AI; (v) Turismo; and (vi) Transform.

Instead, the consortia which signed the ten contracts under this target (5.46) are (i) Aliança para a Transição Energética; (ii) Ecocerâmica e Cristal de Portugal; (iii) From Fossil to Forest; (iv) H2Driven; (v) Moving2Neutrality; (vi) M-ECO2; (vii) Sustainable Stone by Portugal - Valorização da Pedra Natural para um futuro digital, sustentável e qualificado; (viii) CircularTECH; (ix) Agenda H2 Green Valley; (x) Produzir material circulante ferroviário em Portugal.

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

9.10 Conditional on a positive Environmental Impact Assessment that has fully and substantively complied with the legal criteria, adoption of an updated design of the dam, hydro and solar power generation and irrigation, fully incorporating all results and conditions from the EIA

Related Measure: C09.i04 Hydraulic multi-purpose enterprise of Crato, construction phase

Qualitative Indicator: Adoption of the updated design

Time: Q4 2023

1. Context:

This investment relates to the project described under investment RE-C09-i02 and involves the construction of a dam in the Crato valley to ensure water provision for agriculture and human consumption. The project also includes the installation of photovoltaic panels and a mini-hydro energy plant. This investment comprises the adoption of the updated design of the dam and all its constituting parts (DCAPE) and the entry into operation of the dam.

The milestone relates to the adoption of an updated design of the dam, hydro and solar power generation and irrigation following the verification of the environmental conformity of the execution project, which is the second stage of the Portuguese environmental impact assessment process.

Milestone 9.10 is the first step of the implementation of this investment, though it was preceded by milestone 9.9 that is part of a related investment concerning the planning phase of the dam project, iC09-i02. It will be followed by milestone 9.11, related to the entry into operation of the dam, hydro and solar power generation and irrigation. The investment has a final expected date for implementation in Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Document that duly justifies how the milestone (including all the constitutive elements) was satisfactorily fulfilled.
2	Environmental Compliance Decision on the primary infrastructure, namely the dam (Decisão de Conformidade Ambiental do Projeto de Execução, DCAPE) included in the single environmental permit (Título Único Ambiental TUA20220901002002 emitted on 22 May 2023)	Decision on the environmental conformity of the execution of the project. This decision includes the dam, mini-hydro power states, access routes to the dam and restoration of affected paths.
3	Environmental Compliance Decision on the secondary infrastructure (Decisão de Conformidade Ambiental do Projeto de Execução, DCAPE)	Decision on the environmental conformity of the execution of the project on the secondary infrastructure of the project. This includes the lift system, the balancing reservoir, the irrigation network and the road network.

	included in the single environmental permit (Título Único Ambiental TUA20240701001963 emitted on 1 July 2024)	
4	Environmental Compliance Decision on the solar fotovoltaic power plant (Decisão de Conformidade Ambiental do Projeto de Execução, DCAPE) included in the single environmental permit (Título Único Ambiental TUA20240830002606 emitted on 30 August 2024)	Decision on the environmental conformity of the execution of the project of the solar fotovoltaic power plant. This includes the fotovoltaic plant, its access path and the interconnecting electricity line.

3. Analysis:

The justification and substantiating evidence provided by the Portuguese authorities cover all constitutive elements of the milestone.

Conditional on an EIA that concludes that no significant harm is done, the adoption of an updated design of the dam, hydro and solar power generation and irrigation, fully incorporating any result and condition from the comprehensive and cumulative EIA if required to achieve compliance with the DNSH Technical Guidance (2021/C58/01).

Furthermore, in line with the description of the measure, **this investment shall comprise the adoption of the updated design of the dam (DCAPE).**

The independent environment agency, Agência Portuguesa do Ambiente (APA) conducted a comprehensive and cumulative Environmental Impact Assessment (EIA), meaning that they included in the EIA all the elements of this multi-purpose measure to assess their multiple impacts on the environment. For the second phase of the EIA process that relates to the verification of environmental conformity of the execution project, the process was split for the three different parts of infrastructure into three processes: dam, secondary infrastructure and solar power generation (Environmental Compliance Decision on the dam, pages 2-3). The three Environmental Compliance Decisions (DCAPEs), which represent the adoption by APA of the updated design of the dam (including mini-hydro power generation), secondary infrastructure (including irrigation) and solar power generation, were adopted respectively by APA on 22 May 2023 (for the dam), 1 July 2024 (for the secondary infrastructure) and on 30 August 2024 (for the solar power generation). All of them come to “positive conclusions with conditions” (see the summary section in page 2 of the Decisions). This means that the project is approved conditional on the fact that several environmental results and conditions from the already conducted comprehensive and cumulative EIA (see the positively assessed milestone 9.9), including to achieve compliance with the DNSH Technical Guidance (2021/C58/01), namely, minimisation, environmental compensation and enhancement measures as well as monitoring programmes, are adopted and followed in the construction, operation and decommissioning phases of the project. These three decisions are legally binding, and the implementation of their conditions will be monitored by an Environmental

Monitoring Committee (Comissão de Acompanhamento Ambiental CAA), which APA will set up and operationalise (see the section “Fundamental Principle of the Decision of the DCAPEs”).

The EIA is completed in accordance with Directive 2011/92/EU, as well as relevant assessments in the context of Directive 2000/60/EC, including the implementation of required mitigation measures.

APA conducted the EIA in accordance with Decree-Law No 151-B/2013 as amended (summary table, page 2 of the DCAPEs), which transposes into Portuguese law Directive 2011/92/EU. The EIA includes an analysis of direct and indirect significant effects on water resources, in accordance with Directive 2000/60/EC, transposed into Portuguese law by Law No 58/2005 of 29 December 2006 (see the positively assessed milestone 9.9), and spelt out required mitigation measures (section “minimisation measures” in page 14 of the DCAPE on the dam, in page 9 of the DCAPE on secondary infrastructure and page 9 of the DCAPE on solar power generation).

Any measures identified in the framework of the EIA and the assessment under Directive 2000/60/EC as necessary to ensure compliance with the DNSH Technical Guidance (2021/C58/01) shall be integrated into the project and complied with at the stages of construction, operation and decommissioning of the infrastructure.

The Environmental Compliance Decision for the dam, secondary infrastructure and solar power generation were “positive with conditions”, meaning that several conditions, such as elements to submit and minimisation measures (including those stemming from the assessment under Directive 2000/60/EC as necessary to ensure compliance with the DNSH Technical Guidance (2021/C58/01)) were identified and integrated in the execution project to ensure compliance at the stage of construction, operation and decommission of the infrastructure (see also above) (section “minimisation measures” in page 14 of the DCAPE on the dam, in page 9 of the DCAPE on secondary infrastructure and page 9 of the DCAPE on solar power generation).

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

10.5 Signature of the contract for the 'Multifunctional Naval Platform' and 'Operations Centre'

Related Measure: C10.i03 Atlantic Defence Operations Centre and naval platform**Qualitative Indicator:** Signature of contract for the 'Multifunctional Naval Platform' and 'Operations Centre'**Time:** Q3 2023**1. Context:**

The measure aims to foster marine research and surveillance through three pillars, the development of the multifunctional naval platform (Pillar I), an operations centre (Pillar II) and the upgrading of the Alfeite Arsenal Academy (Pillar III).

Milestone 10.5 relates to Pillar I and II on signing the contract for the multifunctional naval platform and the operations centre and is the first milestone of the investment and it will be followed by milestones 10.6 and 10.7, related to the finalisation of the multifunctional naval platform and the operations centre. The investment has a final expected date for implementation in Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled.
2	Call for Tender No. 2112/2023 of 18 September 2023 published on Diario Republica nº 181 série 2, de 18 September 2023	The Launch for a call for tender for the Acquisition of a multifunctional naval platform for Pillar 1.
3	Contract No. 3023004465 of 24 November 2023 between the Ministry of National Defence - Navy and DAMEN SHIPYARDS GORINCHEM for Pillar I	The contract for the construction of the multifunctional naval platform (Pillar 1).
4	Six calls for tender for Pillar I other naval assets launched between 17 October 2022 and 7 September 2023 published in Diario Republica	<p>Calls for tenders to purchase 'other naval assets' as part of Pillar I.</p> <p>Call for tender for Autonomous surface vehicle – Sea-Tractor with reference 14916/2023, launched on 7 September 2022.</p> <p>Call for tender for Autonomous submarine vehicles with reference 14832/2022 launched on 11 November 2022.</p> <p>Call for tender for Autonomous submarine vehicles with reference 1478/2023 launched on 2 February 2023.</p>

		Call for tender for Autonomous submarine sailplanes with reference 13101/2022 launched on 17 October 2022.
		Call for tender for Vessels for the acquisition of technical and scientific data with reference 15940/2022 launched on 2 December 2022.
		Call for tender for Drones with reference 2712/2023 launched on 23 February 2023.
5	Six contracts for Pillar I other naval assets signed between the Ministry of National Defence - Navy and the relevant contractors for Pillar I	<p>Multiple contracts signed to purchase 'other naval assets' as part of Pillar I.</p> <p>Contract with the "Nautiradar – Maritime Electronic and Telecommunications Systems, Lda" signed on 16 January 2024. This contract concerns the Autonomous surface vehicle – Sea-Tractor.</p> <p>Contract with the "IBERAGAR, Soc. Spanish luso-de Coloides Marinhos, S.A." signed on 15 February 2023. This contract concerns the Autonomous submarine vehicles.</p> <p>Contract with "CEiiA – Centre for Excellence and Innovation for the Automotive Industry" signed on 19 April 2023. This contract concerns the Autonomous submarine vehicles.</p> <p>Contract with the "ALSEAMAR", signed on 18 April 2023. This contract concerns the Autonomous submarine airplanes.</p> <p>Contract with the "Protilis Portugal, Lda", signed on 2 March 2023. This contract concerns the Vessels for the acquisition of technical and scientific data.</p> <p>Contract with the "Worldparts", signed on 23 March 2023. This contract concerns Drones.</p>
6	29 calls for tender for Pillar II launched between 9 January 2022 and 15 September 2023 published in Diario Republica	Calls for tender to fulfil the technical requirements for Pillar II.
7	25 contracts for Pillar II signed between 20 July 2022 and 17 November 2023 between the Ministry of National defence and a number of contractors	Contracts signed to fulfil the technical requirements for Pillar II.

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Signature of the construction contract following launch of public tender(s) — Pillars I and II:

Call for tender No. 2112/2023 was launched 18 September 2023 for the purchase of the constructed multifunctional naval platform (PNM) (page 1). Following this, Contract No. 3023004465 was signed on page 33 on 24 November 2023 between the Ministry of National Defence and DAMEN SHIPYARDS GORINCHEM for Pillar I.

Pillar I — Multi-functional Naval Platform, It includes the construction of a multifunctional naval platform of approximately 100 meters with dynamic level automatic positioning, integrated platform management system, command bridge and operations centre, underwater acoustic positioning system, bay for launch of submarines and/or disembarkation of autonomous systems, cranes, helideck, among others), Also includes the capability to operate vehicles up to 6 000 meters depth, parking of autonomous surface vehicles and additional naval assets (including autonomous ocean surface vehicles, autonomous underwater vehicle, autonomous air vehicles, drones).

The multi-functional naval platform (PNM) is an oceanic surveillance and research vessel and includes the following characteristics as shown in different parts of Contract No. 3023004465:

- a. **approximately 100 metres** (Annex H Chapter 000/051-1 Main characteristics of Contract No. 3023004465).
- b. **Dynamic positioning of automatic level** (Annex H Chapter 000/060-1 Vessel/Axis Classification referencing Dynamic positioning DP1 – DPS1 of Contract No. 3023004465).
- c. **Integrated Platform Management System** (Annex H Chapter 400/410A PLATAFORM Management SYSTEM (SGP) of Contract No. 3023004465).
- d. **Navigating bridge and operation centre** (Annex H Chapter 600/663-2 Point and Operations Centre of Contract No. 3023004465).
- e. **Underwater acoustic positioning system** (Annex H Chapter 500/Appendice F/2-5 (specifically on pages 295, 513, 659 and 789) of Contract No. 3023004465).
- f. **Bay for launching submarine facilities and/or disembarkation for autonomous systems** (Annex H Chapter 100/110 Section 1.3 of Contract No. 3023004465).
- g. **Cranes** (Annex H Chapter 500/589-2 referencing the crane from VAP 1 of Contract No. 3023004465).
- h. **Helicopter deck** (Figure 1, Annex H Chapter 000/060-1 Vessel Classification referenced as ‘xiv. Helicopter flight deck’ of Contract No. 3023004465).
- i. **Ability to manoeuvre vehicles up to 6000 metres deep** (Annex H Chapter 600 points 3-18 of Contract No. 3023004465).
- j. **Parking of autonomous surface vehicles** (Evidence 1, Annex H Chapter 600 referenced as 662-11 Hangar Supporting VENT Aéreos; 662-12 Hangar do Helicóptero; 662-13 Hangar dos VENT Aéreos/662-14 Hangar Geral of Contract No. 3023004465).
- k. **Other naval assets** 6 such as sea-tractor, which is an autonomous surface vehicle, autonomous submarine vehicles, autonomous submarine sailplanes and drones (see the six contracts for Pillar I other naval assets that were signed following the six calls for tender for Pillar I other naval assets).

Description of Naval Asset	Call for tender reference	Tender launch date	Contract reference
Autonomous surface vehicle – Sea-Tractor	14916/2023	07/09/2023	3023008550
Autonomous submarine vehicles	14832/2022	15/11/2022	3022015151
	1478/2023	02/02/2023	3023000688

Autonomous submarine sailplanes	13101/2022	17/10/2022	3022013697
Vessels for the acquisition of technical and scientific data	15940/2022	02/12/2022	3022020480
Drones	2712/2023	23/02/2023	3023000968

Pillar II — Operations Centre

It includes the renovation of existing buildings and structures, facilities for computer and communication systems for the operations centre and the laboratory network, high performance computing and information storage systems, communication systems (including Very-Small Aperture Terminal (VSAT) Television Receive Only systems (TVRO) and interoperability systems with other Naval systems, software development and immersive systems.

For Pillar II, a total of 28 public tenders were launched, resulting in 33 contracts signed between the Ministry of National Defence – Navy and the relevant contractors. The launch of tenders for the works related to the renovation of existing buildings and structures has resulted in seven tenders and seven contracts being signed, each contract for a different component of the existing buildings, labs and hangars, as well as the improvement of the sewage infrastructure. For the facilities for computer and communication systems for the operations centre and laboratory network, Portugal launched seven tenders and signed ten contracts in order to improve the communications and information system, the hydrophones, the lab for electronics and automation, as well as other technical requirements.

For the high-performance computing and information systems, Portugal launched six tenders and signed eight contracts comprising of computer equipment, big data framework, computer capability and storage facility. For communication systems (including Very-Small Aperture Terminal (VSAT) Television Receive Only systems (TVRO), Portugal launched five tenders and signed five contracts for telecommunications equipment, and infrastructure. For interoperability systems with other Naval systems, software development and immersive system, Portugal launched three tenders and signed three contracts for technological infrastructure and portal development.

The 29 public tenders launched, and 35 contracts signed between the Ministry of National Defence – Navy and the relevant contractors are specified below:

Object of the contract	Call for tender reference	Tender launch date	Contract reference	Contract signature date	Contracted firm	Description
renovation of existing buildings and structures,	13536/2022	24/10/2022	506782328	28/12/2022	RIPÓRTIC ENGENHARY Lda.	Purchase of implementation project for Sensortech in the Azinheira Hydrographic Base of the Hydrographic Institute
	2309/2022	25/01/2022	503411558	23/02/2023	API Construções, Lda	Works contract for CINAV LAB facilities
	16960/2022	22/12/2022	502077832	07/03/2023	Frisomat – Comércio e Indústria de	Contract for the construction of a new CEOM Hangar

					Materias de Construção, S.A.	
	16816/2022	24/10/2022	515538124	15/03/2023	Bernardo Pinto Duarte & Marques, Lda.	Rehabilitation contract for 2 existing hangars
	16421/2022	25/01/2022	502496878	24/02/2023	Constructions Pragosa, SA	Access ramp execution contract
	1800/2023	08/02/2022	516490753	02/04/2023	Cruzades-Unipessoal Lda surfaces	COMAR sewerage network infrastructure
	736/2023	19/01/2023	502197528	31/03/2023	ARFUS – CONSTRUCTION COMPANY, SA	Restoration and optimisation of the existing COMAR infrastructure
facilities for computer and communication systems for the operations centre and the laboratory network	1808/2023	08/02/2023	510728189	23/03/2023	CLARANET II SOLUTIONS, S.A.	Communications and Information System – IH Computing and Data Stortech Capability
	198/2022	08/06/2022	501144552	09/02/2023	Vortice – Scientific equipment, Lda	Vetoriais hydrophones
	80/2023	28/01/2023	500146780	30/03/2023	J. Roma, Lda.	CINAVLAB Electronics and Automation
	80/2023	28/02/2023	514265906	05/05/2023	SEEFIND, LDA	
	80/2023	28/02/2023	514181435	31/03/2023	GROWSKILLS UNIPESSOAL LDA	
	80/2023	28/02/2023	513253076	30/03/2023	INSTRUMONIT UNIPESSOAL EQUIPMENT, LDA	
	81/2023	28/02/2023	505109379	06/04/2023	Aftersales-Tecnologia de Maquinagem Comercio & Serviços, S.A.	Subtractive manufacturing equipment for CINVLAB
	16645/2022	16/12/2022	500135819	15/02/2023	IBERAGAR, Soc. Spanish Iuso-de Coloides Marinhos, S.A.	CEOM portable communication buoys
	16645/2022	16/12/2022	500135819	16/03/2023	IBERAGAR S.A.	CEOM multiparametric buoys
	1623/2023	03/02/2023	505134195	07/07/2023	Warpcom Services, S.A.	Network assets for COMAR
high performance computing and information storage systems	1688/2022	09/01/2022	505134195	10/11/2022	Warpcom Services, S.A.	CINAVLAB computing equipment
	1688/2022	09/01/2022	502670355	09/11/2022	DIGIBÉRIA INFORMATION TECHNOLOGIES, S.A.	
	7069/2022	02/06/2022	980079659	20/07/2022	Inetum España, S.A. – Sucursal em Portugal	CEOM Server and Storage
	2076/2023	13/02/2023	504551221	28/06/2023	Link Consulting – Informatics, S.A.	COMAR – Evolution of the Big Data Framework
	2473/2023	20/02/2023	980079659	05/07/2023	INETUM ESPAÑA SA	Unclassified network processing and storage capacity
	2825/2023	27/02/2023	505134195	05/07/2023	Warpcom Services, S.A.	Capacity to process and store classified networks

	2099/2023	15/09/2023	980079659	03/11/2023	INETUM ESPAÑA SA	High Performance Computing Capability for COMAR
	2345/2023	16/02/2023	980079659	05/07/2023	INETUM ESPAÑA SA	Unstructured Data Storage Capacity for COMAR
communication systems (including Very-Small Aperture Terminal (VSAT) Television Receive Only systems (TVRO))	9372/2022	25/07/2022	503258121	26/09/2022	EDNI	Portable and tablets for fieldwork of IH – Sensortech
	1700/2022	09/05/2022	506416003	04/11/2022	Rohde & Schwarz Portugal, Lda	Telecommunications equipment
	2915/2023	27/02/2023	503670693	29/03/2023	BRAVANTIC, SA	COMAR/MRCC LX Telecommunications Technology Infrastructure Update Services
	10374/2023	22/06/2023	980079659	18/10/2023	INETUM ESPAÑA SA	Provision of Implementation of Videowall and Videoconferencing in COMAR
	4040/2023	15/03/2023	510409652	17/07/2023	FLAMENGI – ENGINEERING AND SERVICES, LDA.	Provision of Modernisation and Sustainability of the COMAR/MRCC LX CCTV System
interoperability systems with other Naval systems, software development and immersive system	11245/2022	05/09/2022	505134195	23/11/2022	Warpcom Services, S.A.	Supply of CINAVLAB Technological Infrastructure
	7169/2022	06/06/2022	510091083	04/10/2022	Ocean Infinity	Digital Twin of the Ocean for CEOM
	1163/2022	15/06/2022	504551221	16/09/2022	Link Consulting – Informatics, S.A.	Portal Development

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

10.6 Finalisation of Alfeite Arsenal Academy

Related Measure: C10.i03 Atlantic Defence Operations Centre and naval platform**Qualitative Indicator:** Finalisation of the Alfeite Arsenal Academy**Time:** Q4 2023**1. Context:**

The measure aims to foster marine research and surveillance through three pillars, the development of the multifunctional naval platform (Pillar I), an operations centre (Pillar II) and the upgrading of the Alfeite Arsenal Academy (Pillar III).

Milestone 10.6 relates to Pillar III on the finalisation of the Alfeite Arsenal Academy and is the second milestone of the investment, and it follows the completion of milestone 10.5 relating to the multifunctional naval platform and the operations centre. It will be followed by milestone 10.7, related to the finalisation of the multifunctional naval platform and the operations centre. The investment has a final expected date for implementation in Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	Contract of inspection and certificate of acceptance of 10 July 2023 signed by Arsenal do Alfeite and Loviril	Inspection certificate demonstrating the completion of works of the Academy and acceptance certificate showing that the works have been carried out.
3	Training Entity Approval Certification No. C6121 by Directorate-General for Employment and Labour Relations (<i>Direção-Geral do Emprego e das Relações de Trabalho</i>) of 5 February 2024	Accreditation of the Academy by the Directorate-General for Employment and Labour Relations DGERT to certify that the academy is equipped to provide training.
4	Diagnosis of Training needs 2021 & 2022 by Arsenal Academy of 31 October 2023	Report diagnosing the training needs of the Academy in 2021 and 2022
5	Diagnosis of Training needs 2023 by Arsenal Academy of 31 October 2023	Report diagnosing the training needs of the Academy in 2023
6	Academic Programme for Modules starting with 'Understanding Circular Economy' module - Pilot Programme Level 1.	Description of the programme for the developed academic courses

7	Academic Programme for Modules starting with ‘Laboratory Internal Auditing’ module - Pilot Programme Level 2.	Description of the programme for the developed academic courses.
8	Attendance sheet for 2021/2022 - Pilot Programme Level 1 Courses by Arsenal Alfeite Academy	Proof that courses in the academy took place for students.
9	Attendance sheet for 2021/2022 - Pilot Programme Level 2 Courses by Arsenal Alfeite Academy	Proof that courses in the academy took place for students.
10	Final Report on Arsenal Academy’s 2021/2022 Pilot Programme of 31 October 2023 by the Arsenal Alfeite Academy and signed by Elsa Cristina Baia Marino	Report showing that the training modules were carried out.

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

The infrastructure of the Alfeite Arsenal Academy School is upgraded and the school is authorised to provide training.

The contract of inspection and certificate of acceptance prove that the works to finalise the upgrade of the infrastructure, through the improvement of the physical premises of the Alfeite Arsenal Academy, were completed on 10 July 2023. The certificate of acceptance part of the contract of inspection and certificate of acceptance proves that the refurbishment of the Alfeite Arsenal Academy was completed in line with the relevant Construction and Demolition Waste Prevention and Management Plan, in accordance with Decree-Law No. 46/2008, of March 12. Paragraph 1 of Point 3 of the Training Entity Approval Certification No. C6121 certifies that the academy is equipped to provide training for metallurgy and metalomechanics, electronics and automation, and engineering and related technical skills.

The investment also includes the diagnosis of training needs, development of training courses, and the provision of first training courses.

The diagnosis of training needs was carried to understand the focus of modules to be taught in the courses offered by the academy. The conclusion of the diagnosis can be found on page 7 of the Diagnosis of Training Needs 2021 & 2022 and on page 4 in the table ‘Mapping training needs’ of the Diagnosis of Training Needs 2023, with modules identified including electronics and automation, computing, and foreign languages and literature.

Training courses were developed for two pilot programmes – level 1 and level 2 through the creation of the Academic Programme for modules starting with ‘Understanding Circular Economy’ module - pilot programme level 1 and the Academic Programme for modules starting with ‘Laboratory Internal Auditing’ module - pilot programme level 2, setting out in the first page of each programme the objectives of each course and the topics for each training session as well as the assessment type, as demonstrated by the

Academic Programme for Modules starting with 'Understanding Circular Economy' module - Pilot Programme Level 1, and the Academic Programme for Modules starting with 'Laboratory Internal Auditing' module - Pilot Programme Level 2.

As demonstrated by Attendance sheet for 2021/2022 - Pilot Programme Level 1 Courses and Attendance sheet for 2021/2022 - Pilot Programme Level 2 Courses, Pilot Programme Level 1 Courses took place between 19 October 2021 and 24 May 2022, whereas Pilot Programme Level 2 Courses took place between 19 September 2021 and 7 July 2022, and the courses included modules such as energy efficiency, metrology and circular economy.

Furthermore, in line with the description of the measure, **the Arsenal Academy aims to focus on training in disruptive areas such as robotics, telecommunications, biotechnology, nanotechnology, connectivity, Artificial Intelligence, Big Data and Machine learning.**

The Arsenal Academy is certified to provide training for metallurgy and metalworking, electronics and automation and engineering and related techniques as certified by the Directorate-General for Employment and Labour Relations in section 1 of Training Entity Approval Certification No. C6121 (page 1). Moreover, the Arsenal Academy provides training modules related to disruptive areas such as robotics (page 6 of Academic Programme for modules starting with 'Understanding Circular Economy' module), connectivity and artificial intelligence (page 34 of Academic Programme for modules starting with 'Understanding Circular Economy' module).

4. Commission Preliminary Assessment: Satisfactorily fulfilled

Number and name of the Milestone:

10.17 Launch of call for tenders for the decarbonisation of vessels

Related Measure: C10-i07 Green Shipping**Qualitative Indicator:** Launch of call for tenders for decarbonisation of vessels**Time:** Q3 2023**1. Context:**

The investment aims to accelerate the energy transition in maritime freight and passenger transport. It includes a support program for energy efficiency interventions, such as (i) fuel replacement measures, (ii) energy-saving measures, and (iii) complementary emission reduction measures.

Milestone 10.17 consists in the launch of a call for tenders for decarbonisation of vessels.

Milestone 10.17 is the first step of the implementation of this investment, and it will be followed by Milestone 10.18 related to the completion of energy efficiency interventions. The investment has a final expected date for implementation in Q2 2026.

2. Evidence provided:

	Name of the evidence	Short description
1	Summary document	Summary document duly justifying how the target (including all the constitutive elements) was satisfactorily fulfilled
2	Call notice for investment TC-C10-i07 of 30 January 2024 launched by the Agency for competitiveness and innovation (Agência para a Competitividade e Inovação - IAPMEI)	This notice specifies the eligibility and selection criteria

3. Analysis:

The justification and substantiating evidence provided by the Portugal authorities cover all constitutive elements of the milestone.

Launch of call for tenders for the decarbonisation of ten maritime freight and passenger transport vessels of which at least 70 % of the vessels exceeds 5 000 gross tonnage (GT).

The call notice for investment TC-C10-i07 was launched on 31 January 2024 and it specifies as its objective the decarbonisation of ten maritime freight and passenger transport vessels (point 3.1 and 3.2 of the call notice for investment TC-C10-i07). The call notice also requires that at least 70 % of the eligible vessels must have a gross tonnage (GT) exceeding 5,000 (point 3.2 of the call notice for investment TC-C10-i07)

The terms of reference shall include eligibility criteria that ensure that the selected projects comply with the ‘Do no significant harm’ Technical Guidance (2021/C58/01) and

Point 9.2 of the Call Notice for investment TC-C10-i07 establishes the eligibility criteria for the applications. One of these criteria (established in point 9.2e) requires compliance with the 'Do no significant harm' Technical Guidance (2021/C58/01).

Contribute at least to 10 % reduction in fuel consumption of the ship expressed in grams of fuel per deadweight tonnes per nautical mile in accordance with the requirements set out in the measure description. It shall also include require compliance with EU and national environmental legislation.

According to point 9.2d of the Call Notice, applicants must demonstrate that their project contributes to reducing the fuel consumption of the vessel by at least 10 %, expressed in grams of fuel per deadweight tonne per nautical mile. According to point 9.2(j) of the Call Notice, applicants must demonstrate compliance with EU and national environmental legislation.

Furthermore, in line with the measure description, **the calculation of consumptions shall be demonstrated by computational fluids dynamics (CFDs), tank tests or similar engineering calculations). In addition, the vessels shall not be dedicated to the transport of fossil fuels.**

As established by point 9.2 (d) of the call notice, the applicant must meet the eligibility criteria of which the calculation of consumptions shall be demonstrated by computational fluids dynamics (CFDs), tank tests or similar engineering calculations. Point 9.2 (m) of the call notice disqualifies any vessel that transports fossil fuels.

Furthermore, in line with the measure description, **the interventions shall fall under at least one of the following typologies:(i) fossil fuel replacement measures (ii) energy saving measures and (iii) complementary emission reduction measures.**

As established in point 5.1 (a)(i), (ii) and (iii) of the Call Notice, the investments for the retrofitting of freight and passenger transport vessels, including inland waterways and sea vessels over 400 GT, must be related to one of the following typologies: (i) fossil fuel replacement measures (ii) energy saving measures and (iii) complementary emission reduction measures.

The applications shall be scored on the assessment of the level of reduction of carbon dioxide (CO₂) emissions, calculated on the basis of the Carbon Intensity Indicator (CII), and indication per transport work unit, as a percentage and on the assessment of the emission reduction levels of sulphur oxides (SO_x), nitrogen oxides (NO_x) and particulate matter as a percentage. The Energy Efficiency Existing Ship index (EEXI) shall also be used as an indicator of the assessment.

Point 15.4 of the Call Notice requires applications to be ranked based on the following criteria

- C1 – level of carbon dioxide (CO₂) emission reduction, calculated on the basis of the Carbon Intensity Indicator (CII), i.e. per transport work unit as a percentage;
- C2 – level of energy efficiency reduction, calculated on the basis of the Energy Efficiency Index of existing ships (EEXI);
- C3 – level from reduction from emissions of particulate matter (PM);
- C4 – level of reduction in nitrogen oxide (NO_x) emissions;
- C5 – level of reduction in sulphur oxide (SO_x) emissions;
- C6 – economic rationality.

Technical details of the indicators used to weigh the above eligibility criteria can be found in Annex IV of the Call notice. C1, C4 and C5 correspond to the Carbone intensity indicator requirement while C2 corresponds to the energy efficiency existing ship index (EEXI) requirement.

4. Commission Preliminary Assessment: Satisfactorily fulfilled