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Energy Saving Certificates

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04/02/2026



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- 03 CAE system.**
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- 05 Type of energy saving measures.**
- 06 Current market situation.**
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1. Ecosystem.

What is ANESE?

ANESE is the National Association of Energy Services Companies in Spain, we have **17 years of experience** since our creation and currently we are **192 members**.



Our objectives

ANESE's objectives reflect the association's commitment to **boosting energy efficiency** and **promoting decarbonisation** and **sustainability** in Spain.

We are working towards specific goals that bring us closer to a **responsible** and **sustainable energy future**.

- 1 Create the **leading network** of specialist service companies.
- 2 Act as a **driver of energy efficient, sustainable and decarbonised services, investments and solutions** focused on:
 - Management of **energy efficiency** and **renewable energy** models.
 - **Digitalisation and connectivity.**
 - **Structuring and development** of the market
- 3 Act as a **business hub** between partners.

Silver

Bronze



Number



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2. SNOEE.



- The EU Directive EU/2023/1791 on Energy Efficiency requires Member States to achieve cumulative end-use energy savings.
- The cumulative savings objective can be achieved by implementing an energy efficiency obligation scheme and/or by adopting alternative policy measures.
- Each Member State must establish a mechanism to ensure the attainment of the set objectives.
- Member States are allowed to create a National Energy Efficiency Fund to establish financing mechanisms.



National Energy Efficiency Obligations Scheme (SNOEE)

Established under art. 69 of Law 18/2014.

Obligated subjects were established:

- Electricity and gas marketers.
- Wholesale operators of petroleum products and liquefied petroleum gases.

It created two ways to approve the requirement:

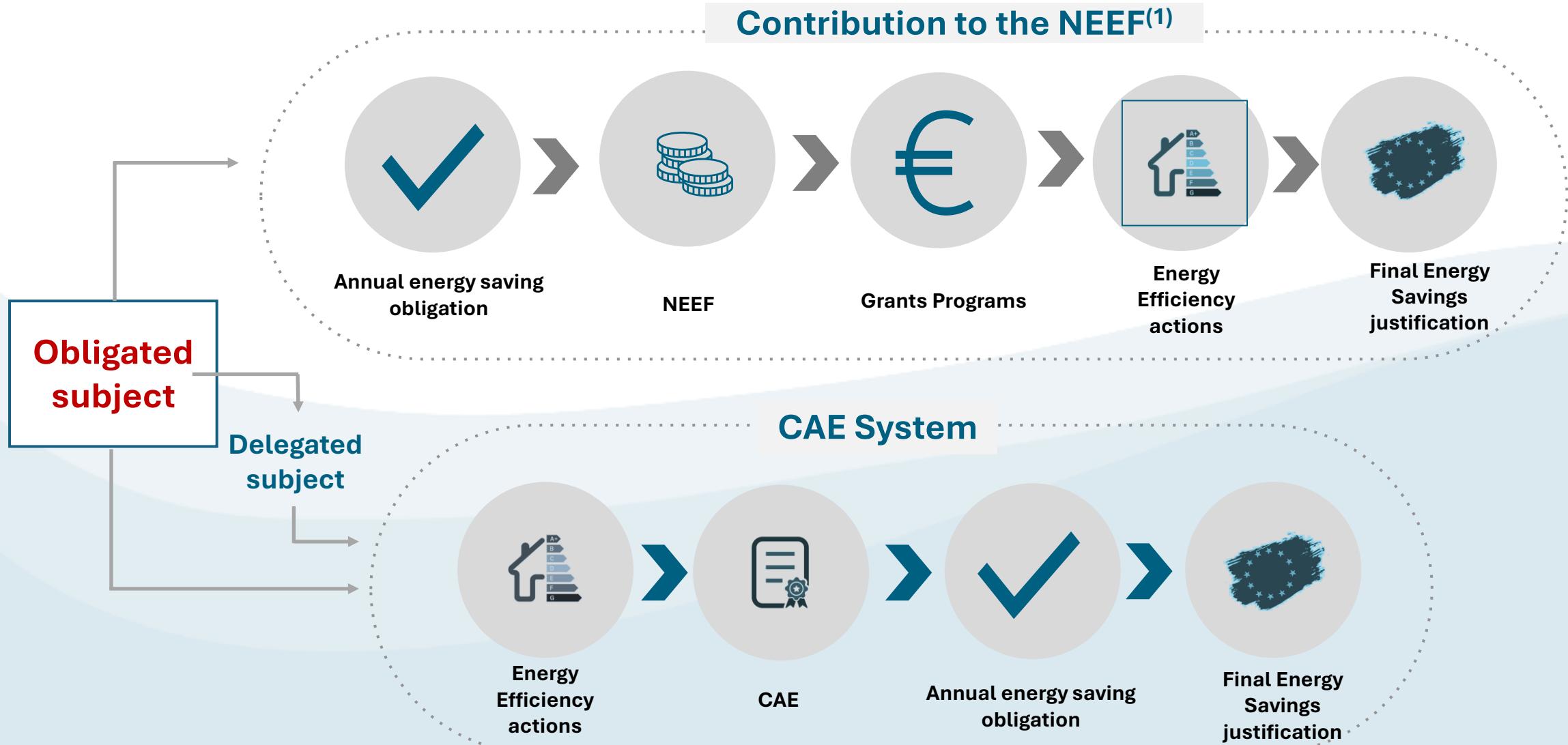
→ a) Contribution to the National Energy Efficiency Fund

- The energy savings target is calculated annually and distributed proportionally based on the sales of each obligated subject (N-2).
- Each obligated subject makes an annual financial contribution to the FNEE.

→ b) Energy Efficiency Certificate System/ CAEs (RD 36/23)

- Achieving energy savings obligations through the adoption of energy efficiency measures.

2. FNEE Contribution vs. CAEs.



2. Objectives.



15,979 ktoe

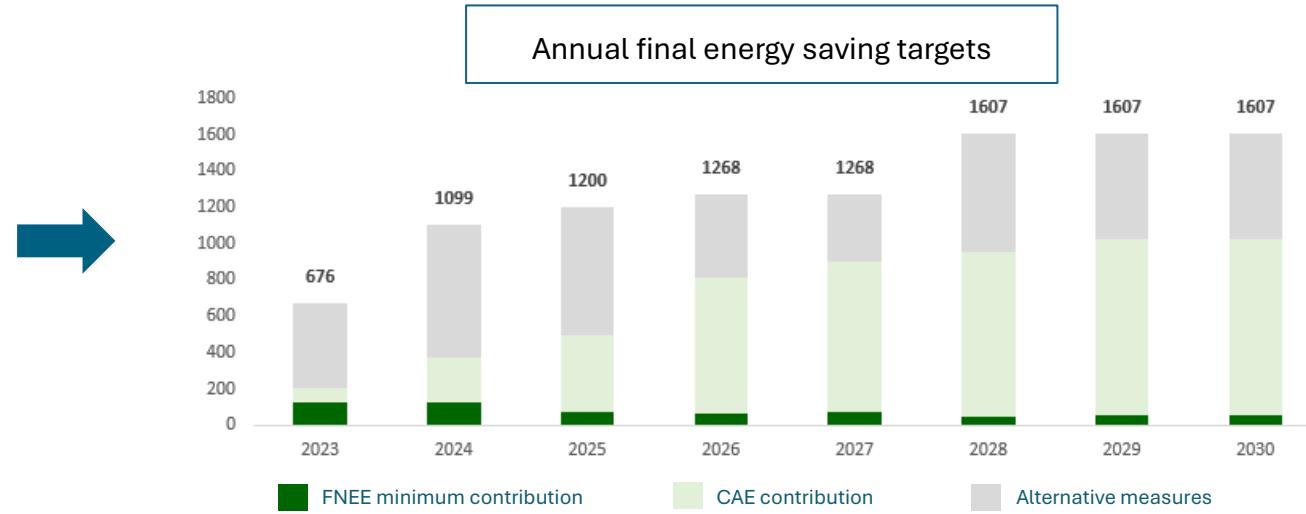
(2014-2020)

37,206 ktoe

(2021-2030)

53,593 ktoe

(2021 - 2030)



SNOEE 2024

Final Energy Savings target: **375 ktoe**
 Financial equivalence: **182.37 €/MWh**
 Financial contribution - SNOEE: **795 M€**

SNOEE 2025

Final Energy Savings target: **500 ktoe**
 Financial equivalence: **189.17 €/MWh**
 Financial contribution - SNOEE: **1 billion €**

SNOEE 2026*

Final Energy Savings target: **810 ktoe/9.420 GWh**
 Financial equivalence: **198.62 €/MWh**
 Financial contribution - SNOEE: **1.9 billion €**

- Obligated subjects may voluntarily fulfil contributions to the National Energy Efficiency Fund (FNEE) by delivering Energy Saving Certificates (CAEs):

- 2024: 65% of the yearly obligations.
- 2025: 85% of the yearly obligations.
- 2026/2027*: 92% of the yearly obligations.
- 2028*: 95% of the yearly obligations.

Total accumulated 2021-2030: 53,593 ktoe

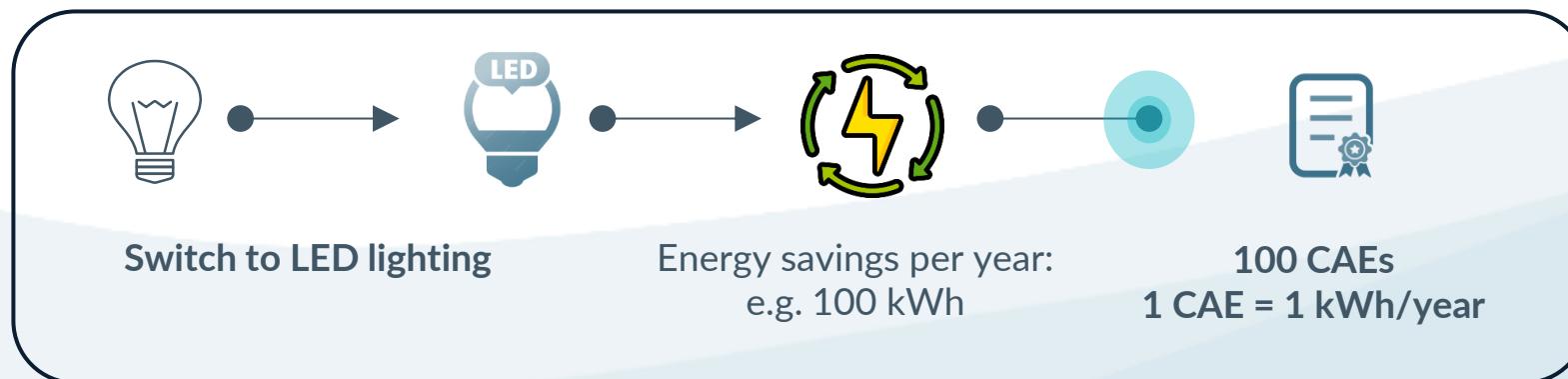


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3. What is a CAE?

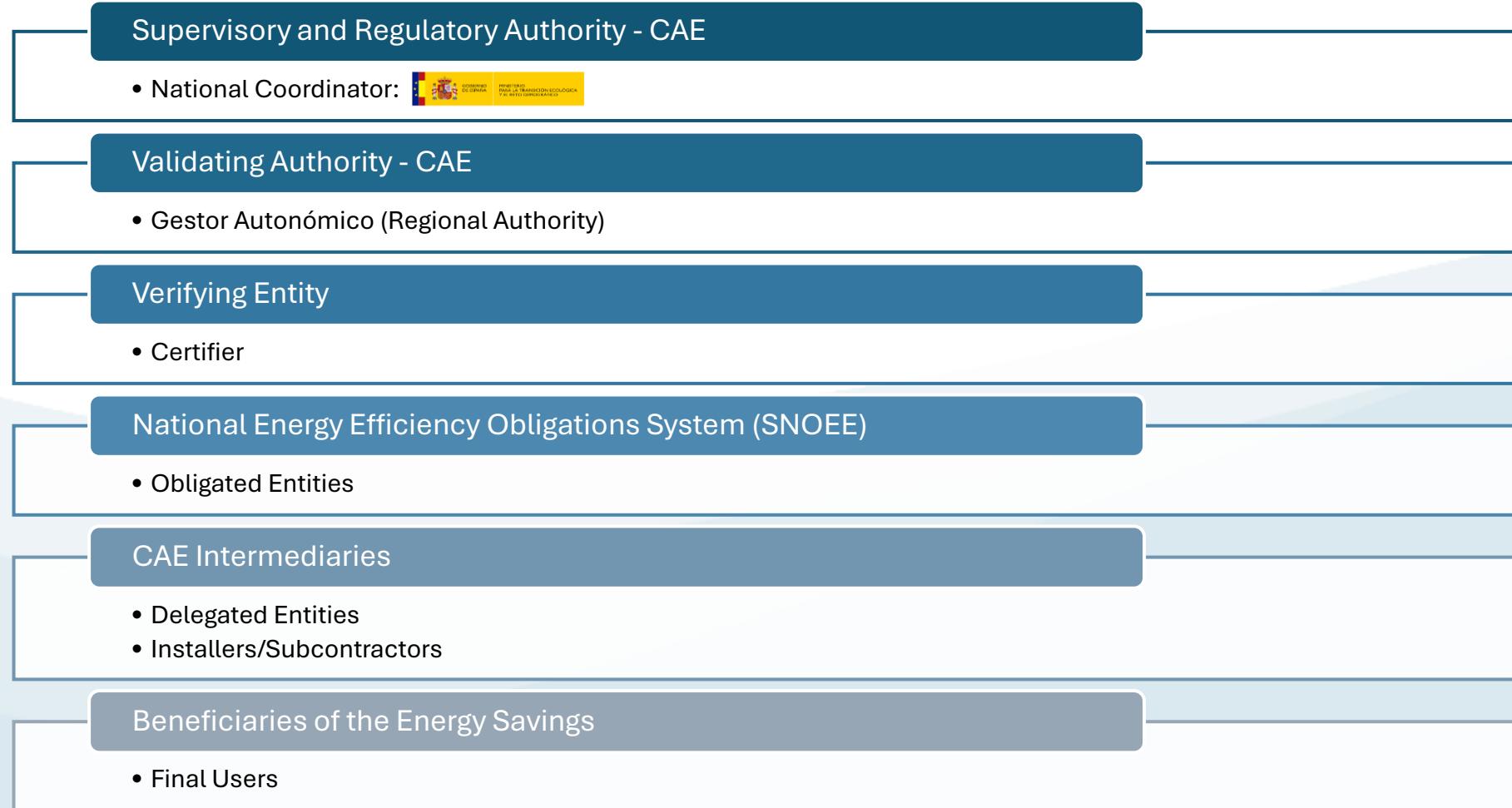
- ✓ A CAE is a certificate that proves a verified amount of final energy savings resulting from an energy efficiency measure.
- ✓ **Only one year** of energy savings from the measure is taken into account (savings are not cumulative, unlike in the French market).
- ✓ Applications to obtain Energy Saving Certificates (CAEs) must be submitted within **3 years from the date of implementation** of the energy efficiency measure that generated the energy savings.



This is **not a grant – CAEs can be sold:**

- **Financial support mechanism/ market-based instrument.**
- **Simple economic incentive** to implement **energy-saving measures.**

3. Agents.



3. Obligated subjects.

Obligated subjects

Electricity and gas marketers, wholesale operators of petroleum products and liquefied petroleum gases.

2026



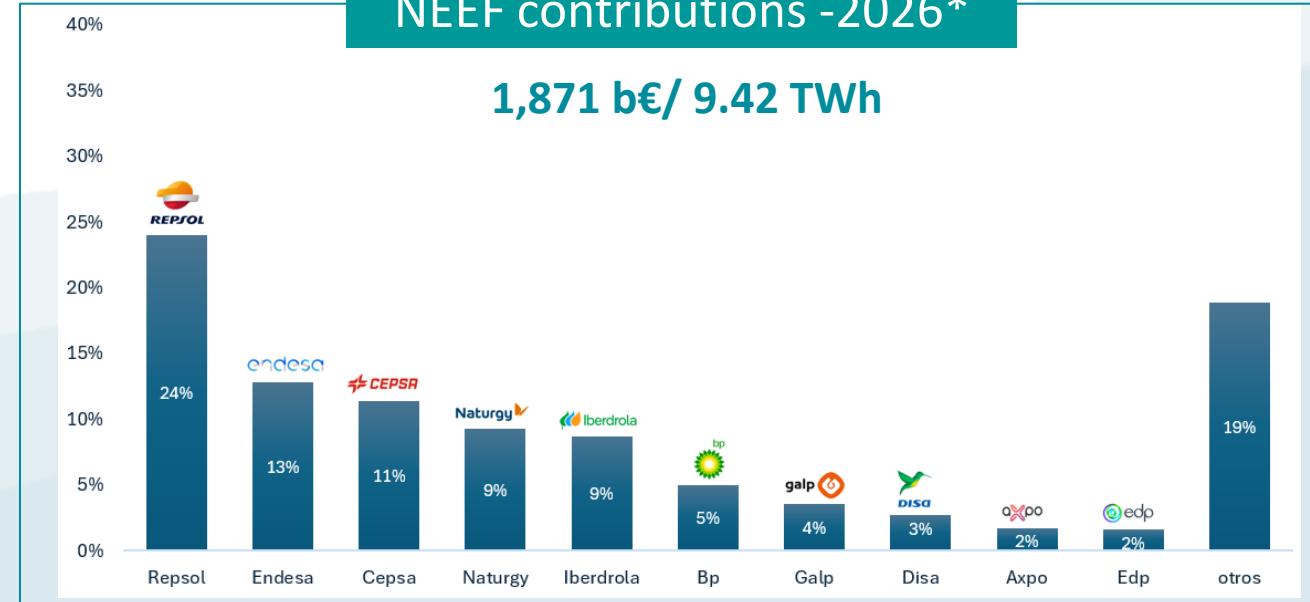
783 obligated subjects

- 466 companies with energy saving obligations.
- 347 companies with > 50 MWh obligation.

ANESE's members represents around **75% of NEEF energy efficiency obligation contributions.**

NEEF contributions -2026*

1,871 b€/ 9.42 TWh



2026

The draft Order has been published, with the final version of the Order still pending publication.

3. Delegated subjects.

Delegated subjects

Public or private legal entities that can assume, totally or partially, the delegation of obtaining new annual energy savings from one or several SOs that have been previously accredited as such by the National Coordinator of the EEC System.

Delegated subjects opportunities:

- ✓ Assume the **delegation** of the procurement of new energy savings from **1 or more obligated subjects**.
- ✓ Participate in **calls for tenders** for energy saving needs (auctions).
- ✓ Issue CAEs (energy saving certificates) to the market.

2026



Currently, there are **63 delegated subjects**, with around **60%** of which are **members of ANESE**.

3. Verifier, regional authority and national coordinator.

Energy Savings Verifier

ENAC publishes information about accredited Energy Saving Verifiers and communicates this information to the National Coordinator. Role:

- Certifies that the information provided by the applicant is complete and complies with the established requirement.
- Act in accordance with RDE-33 ENAC procedure.

There are currently **11 Energy Savings Verifiers**, around **55%** of which are members of **ANESE**.



Regional Authority

It is appointed by each Autonomous Community according to its EE competences. Role:

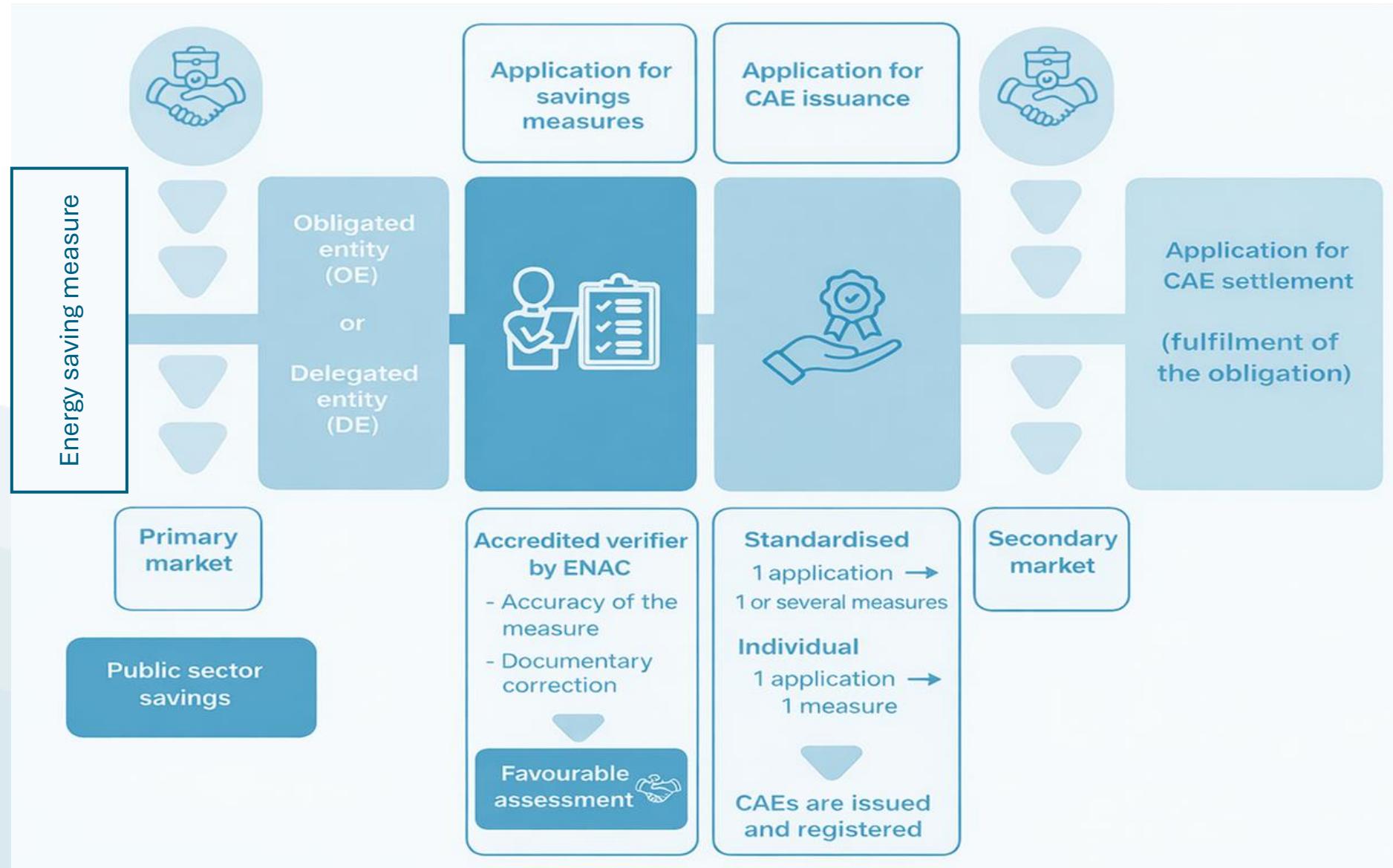
- Validate the CAE record and verify any elements that may require additional evidence or substantiation.
- CAE pre-issue.
- Pre-registration in the CAE National Register.

National Coordinator

Responsibility of the Directorate-General for Energy Policy and Mines of the Ministry for Ecological Transition and the Demographic Challenge (MITERD). Role:

- Responsible for ensuring the proper operation of the CAE System at a national level.
- Authorization of delegated entities.
- Final Registration of CAEs.
- Electronic Platform's operations Supervisor.

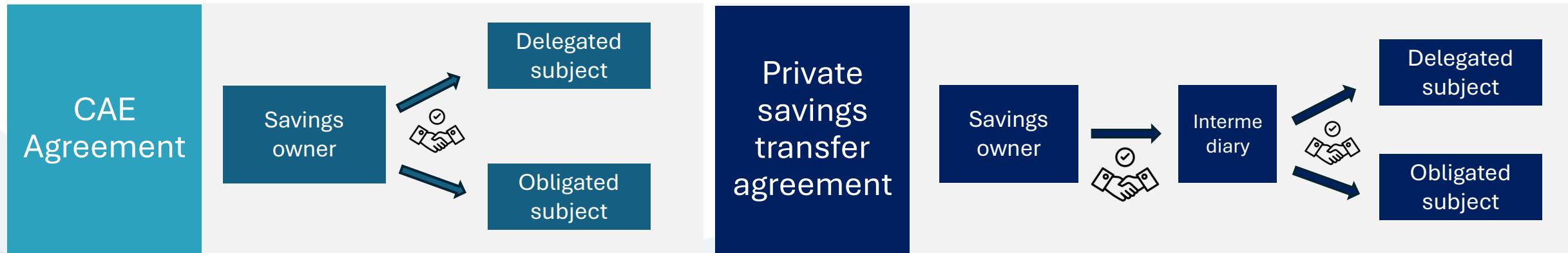
3. Procedure.



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4. Contract types.



Delegation contract

- The delegation of an obligated subject to obtain new annual energy savings accredited by CAE in order to enable it to comply with its energy saving obligations for that period, in whole or in part, will be carried out by signing a delegation contract with a delegated entity.

Obligated subject



Delegated subject

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5. Types of energy saving measures.

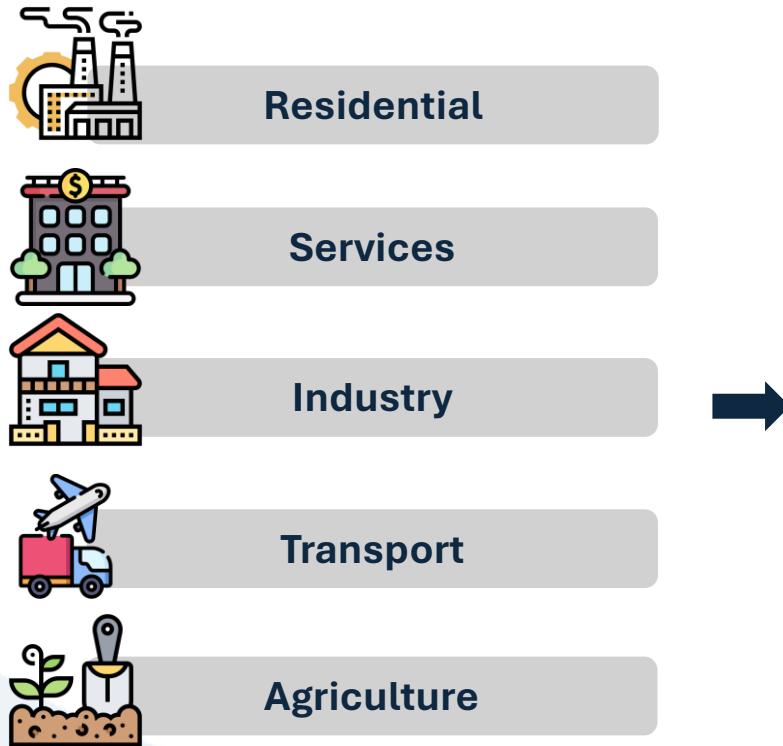
Energy Savings standardised measures

Replicable. Collected in data sheets integrated in a catalogue.

Energy Savings singular measures

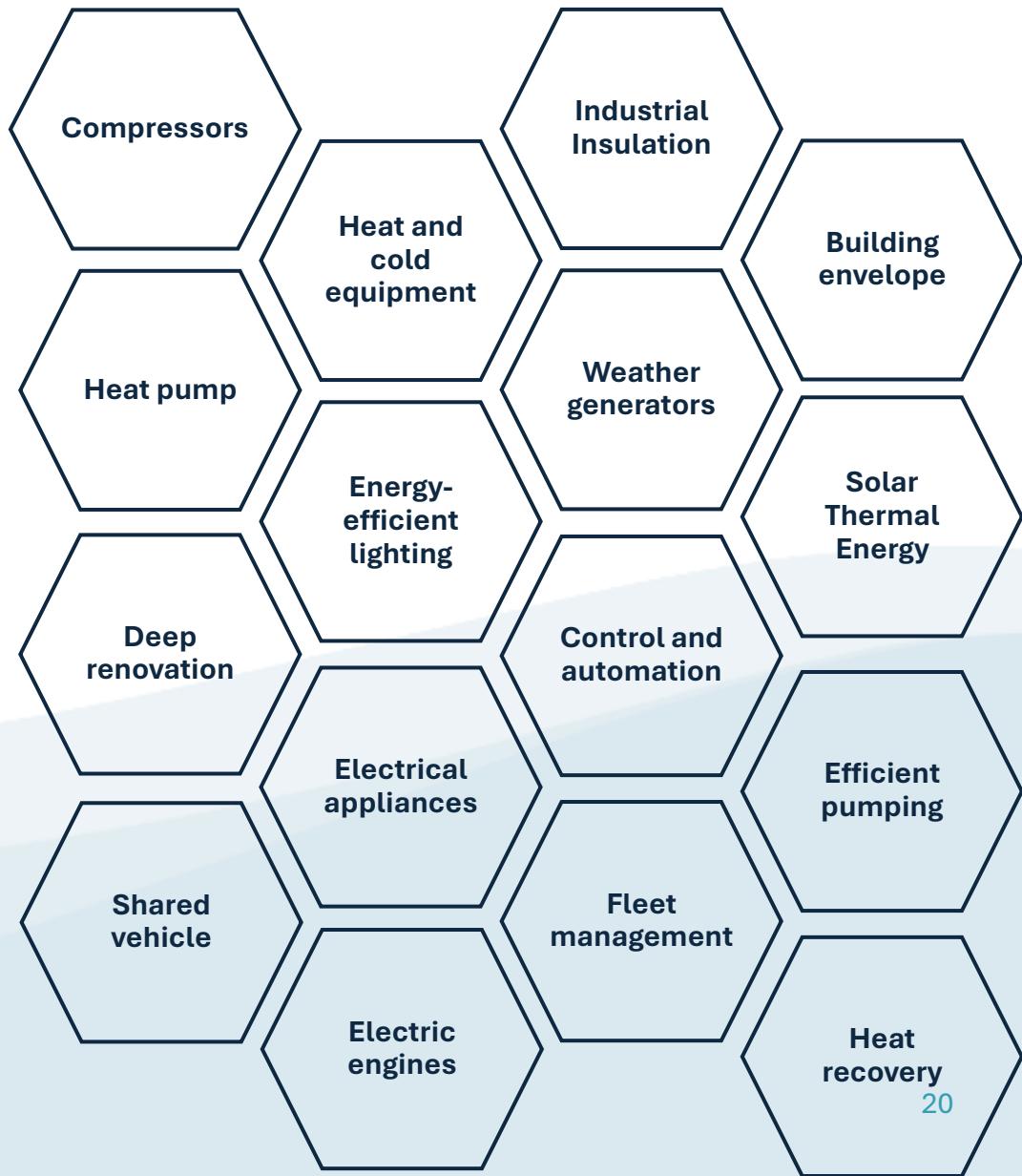
Due to its characteristics (complex actions/not replicable) **it cannot be included in a catalogue**

5. Standardised sheets.



116
standardised
sheets

- The catalogue is periodically updated (addition, removal, or modification of sheets), with transitional periods of at least 6 months for removals and 3 months for modifications.
- The National System Coordinator may apply correction coefficients to reflect additional impacts (social, environmental, or economic).



Prior voluntary consultation for singular actions:

Before carrying out a particular action, delegated/obligated subjects have the option to seek advice from the National Coordinator.

This involves presenting the project for evaluation to determine its eligibility for the CAE system and suitability of the energy savings calculation methodology.

The action must meet the following criteria:

- ✓ Projected final energy savings by the project > 1 GWh
- ✓ Favourable prior assessment by a verifier.

Binding consultation.

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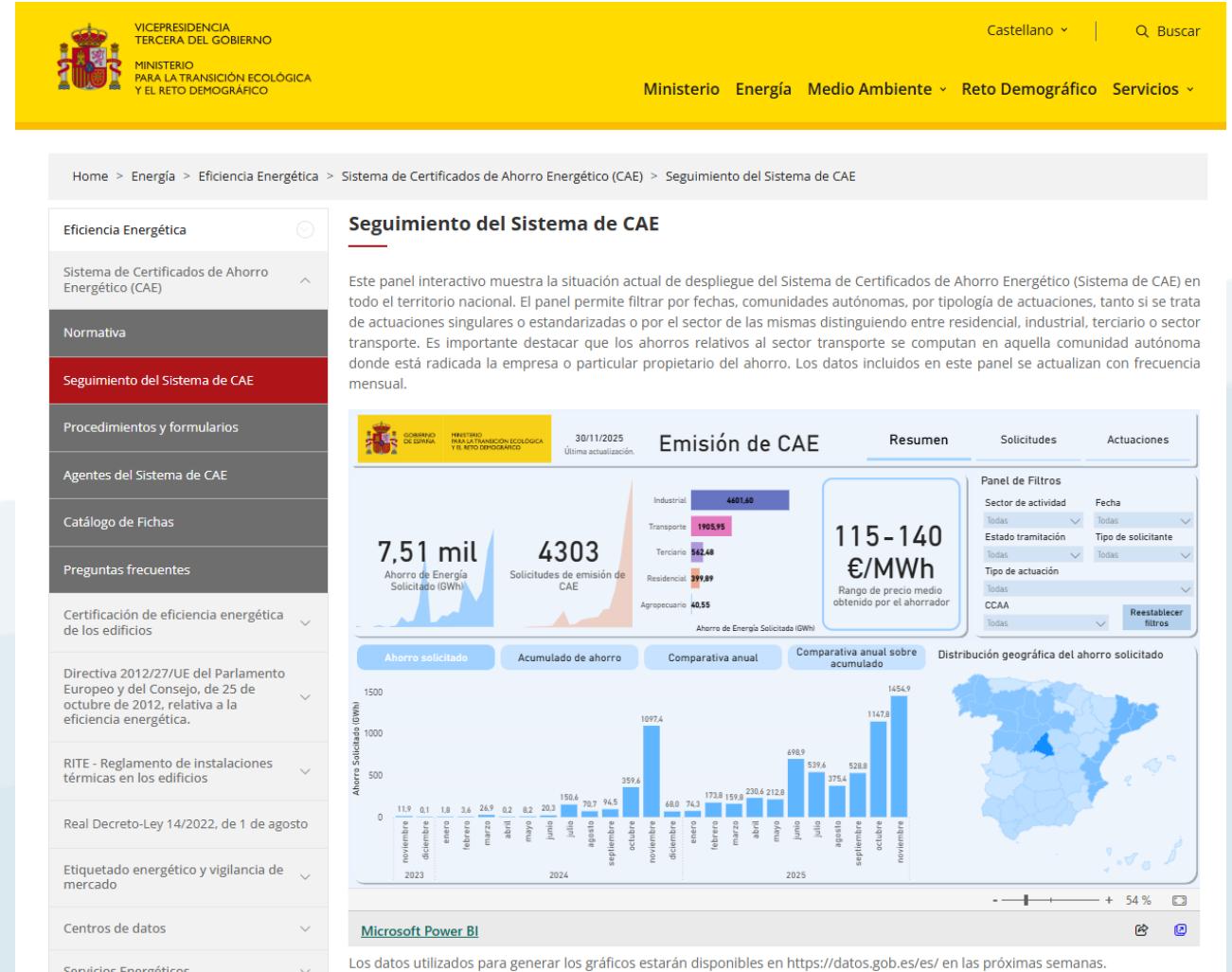


6. Follow up panel.



CAE system follow-up panel

- ✓ **Interactive panel** that shows the current status of the Energy Saving Certificate System (CAE System) throughout Spain.
- ✓ It allows you to **filter by date, autonomous community, type of action** (whether unique or standardized), or **sector** (residential, industrial, tertiary, or transport).
- ✓ Savings relating to the transport sector are calculated in the autonomous community where the company or individual owner of the savings is based.
- ✓ **The data included in this panel is updated monthly.**



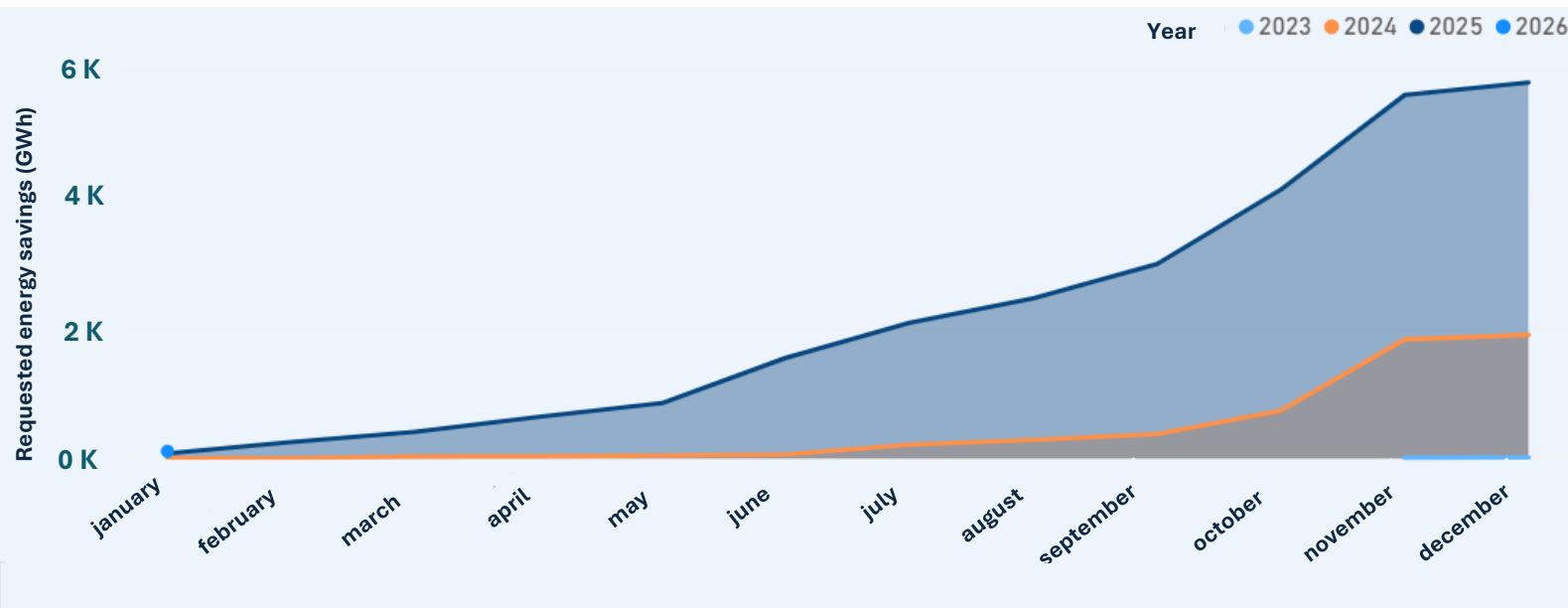
6. Aggregated data.

Requested Energy Savings: 7.81 TWh

Applications for CAE issuance: 4,830

Total, number of measures: 20 K

Top sectors by requested energy savings: Industry, Transport, Services



Energy Savings Distribution by Measure Type



Requested Energy Savings by Region



End user retribution from the CAE system: 115 -140 €/MWh

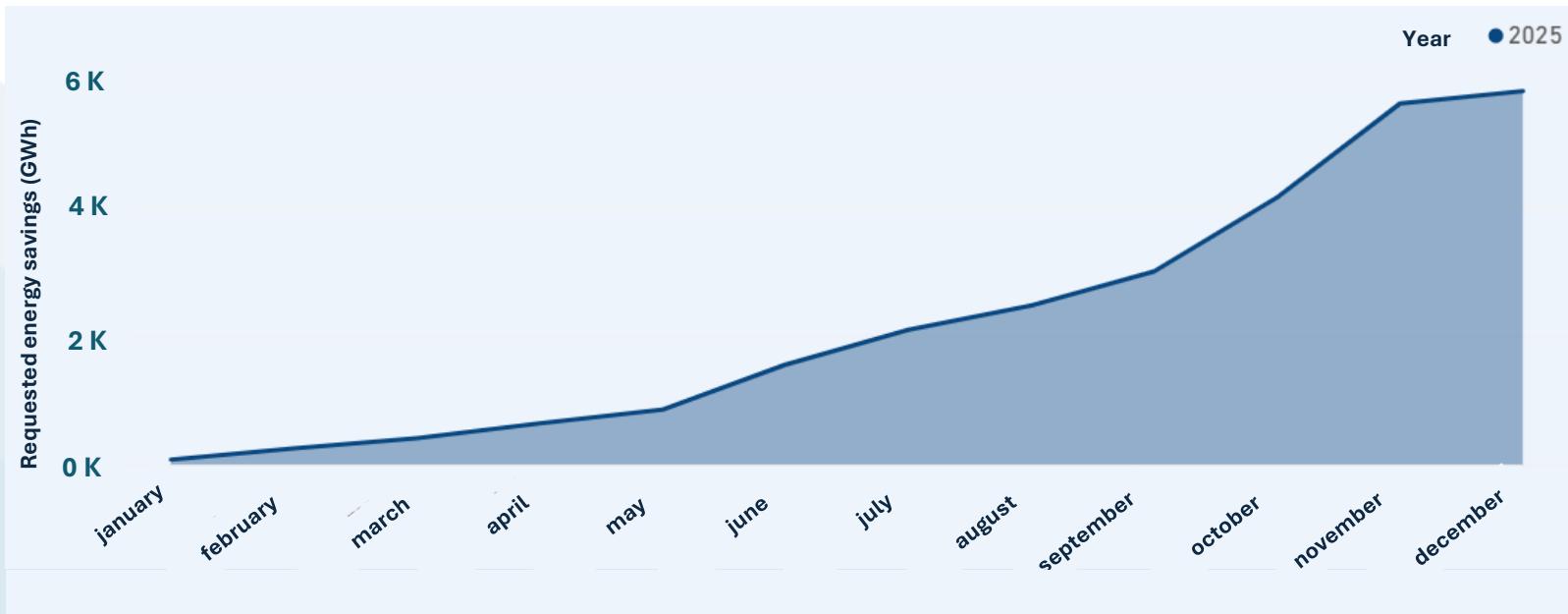
6. 2025 data.

Requested Energy Savings: 5.79 TWh (vs. projected 4.60 TWh)

Applications for CAE issuance: 3,922

Total number of measures: 17 K

Top sectors by requested energy savings: Industry, Transport, Services



Energy Savings Distribution by Measure Type



Geographical Distribution of Measures



End user retribution from the CAE system: 115 -140 €/MWh

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7. Perspectives.

ESCO involvement in CAE projects continues to grow, rising from 66% in 2023 to 71% in 2024, confirming CAEs as a key growth area.

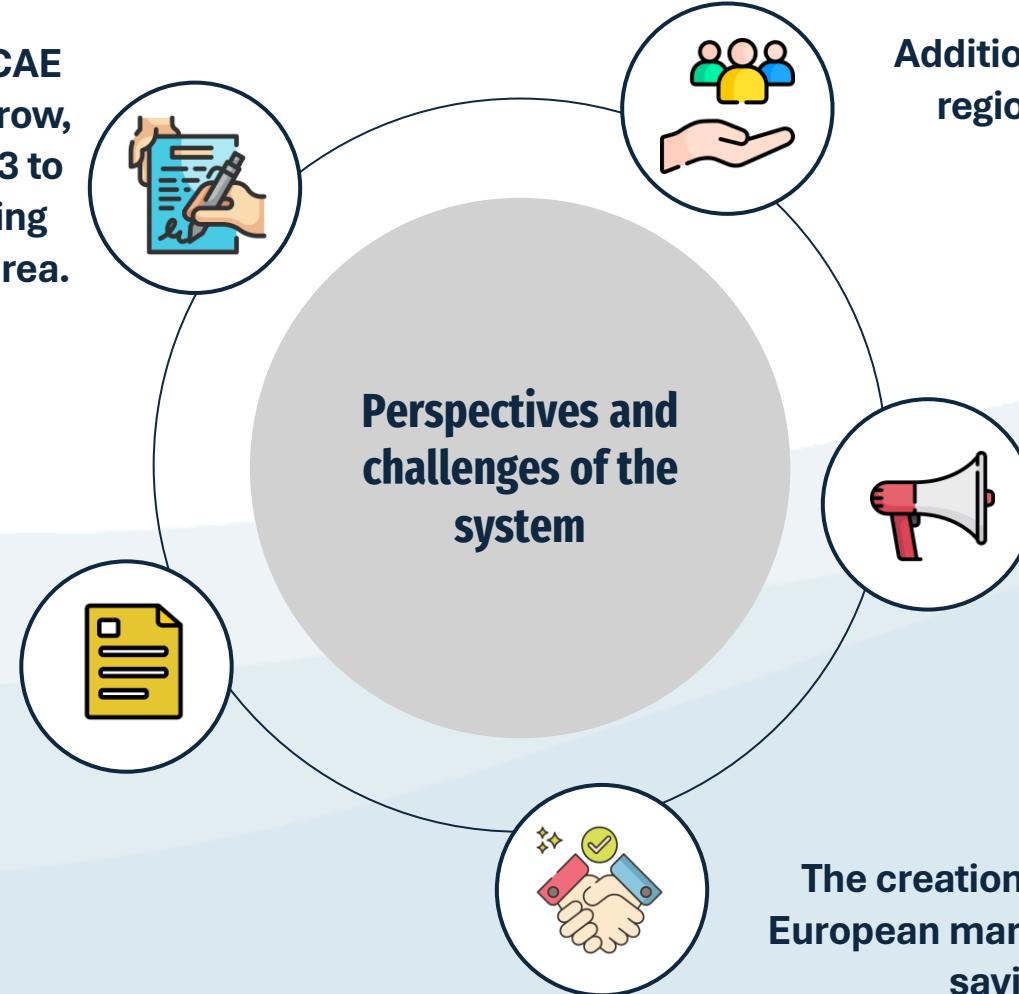
Development of energy savings auction mechanisms

Perspectives and challenges of the system

Additional resources for regional authorities

Stronger outreach in sectors with slower growth

The creation of a unified European market for energy savings



Questions and discussion.

Thank you for your attention.

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