

Establishment and operation of the Energy Efficiency Fund

The Spanish experience

24th May 2021

ENSMOV webinar

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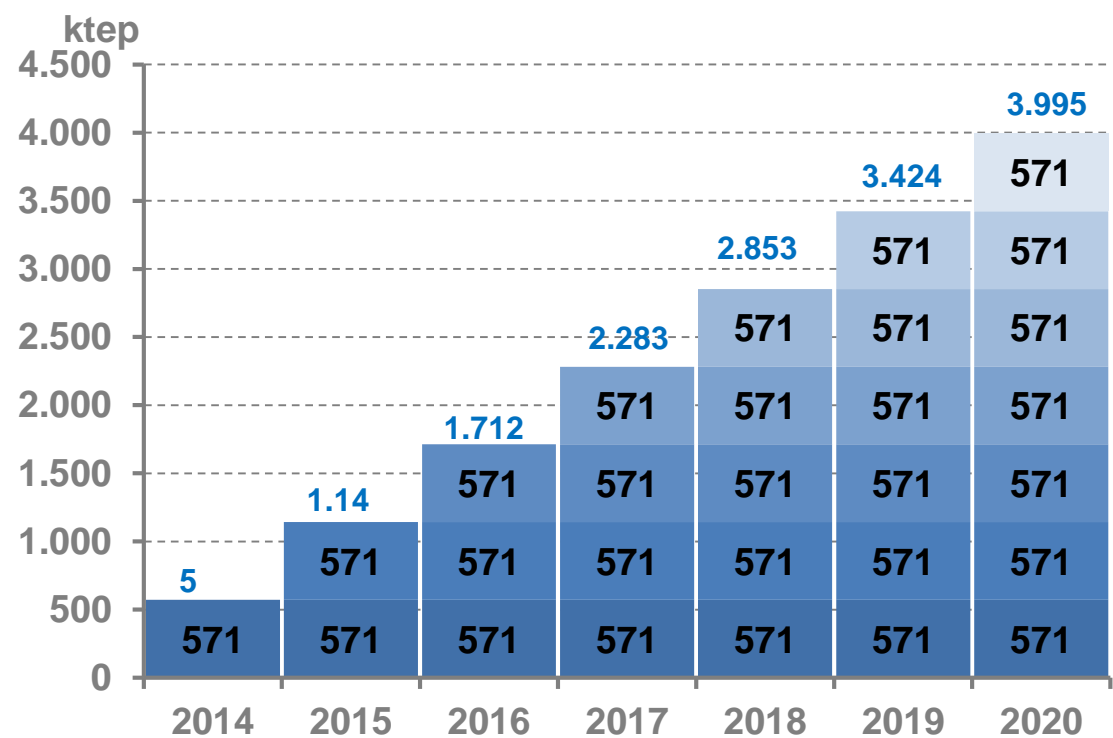
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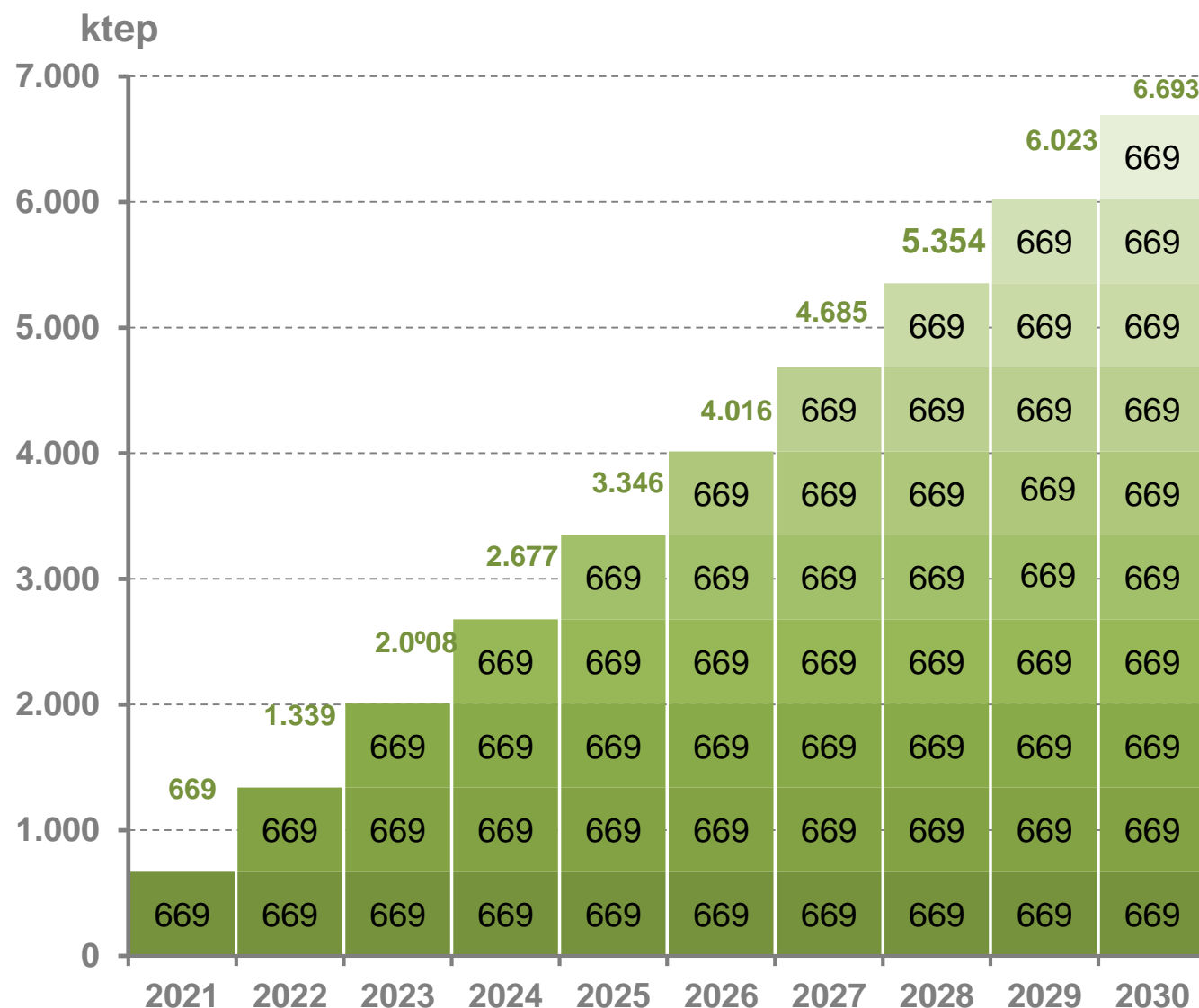
1. Article 7 in numbers: cumulative end-use energy savings in Spain

Article 7 in numbers: cumulative end-use energy savings in Spain

First period 2014-2020: 15.979 ktoe cumulative end-use energy savings.
Equivalent to **571** new savings per year



Second period 2021-2030: 36.809 ktoe of cumulative end-use energy savings.
Equivalent to **669** new savings per year





2. Energy efficiency national fund & energy efficiency obligation scheme



NATIONAL ENERGY SAVING SYSTEM

EENF & EEOS

ALTERNATIVE
MEASURES

Energy Efficiency Obligation Scheme (EEOS)

National implementation:

First period through Law 18/2014, October 15th, for the adoption of urgent measures for growth, competitiveness and efficiency. Second period through Law-Royal Decree 23/2020 for energy transition and economy reactivation.

Obligated parties:

Energy companies of gas and electricity and oil products and LPG retailers.

How is the annual obligation of energy savings calculated:

Through the objective assigned by article 7 of the DEE, after deducting savings derived from the alternative measures (141 ktoe in 2014 and 262 ktoe from 2015-2021).

How is the annual savings obligation distributed among the different obligated parties:

Proportionally to the volume of sales to final energy consumers.

Energy Efficiency Obligation Scheme (EEOS)

How can it be fulfilled the energy savings obligations?

Obligated parties have to contribute annually to the **Energy Efficiency National Fund** (4 equal payments) prior to the 31/03, 30/06, 30/09 and 31/12.

This financial contribution will be the result of multiplying the obligation of annual savings by the **financial equivalence established** by ministerial order (**1,6 M€/ktoe**).

Alternatively, by means of a decree, the Government could establish a mechanism for accreditation of savings through **energy savings certificates** (white certificates). This option is under development.

Energy Efficiency National Fund (EENF)

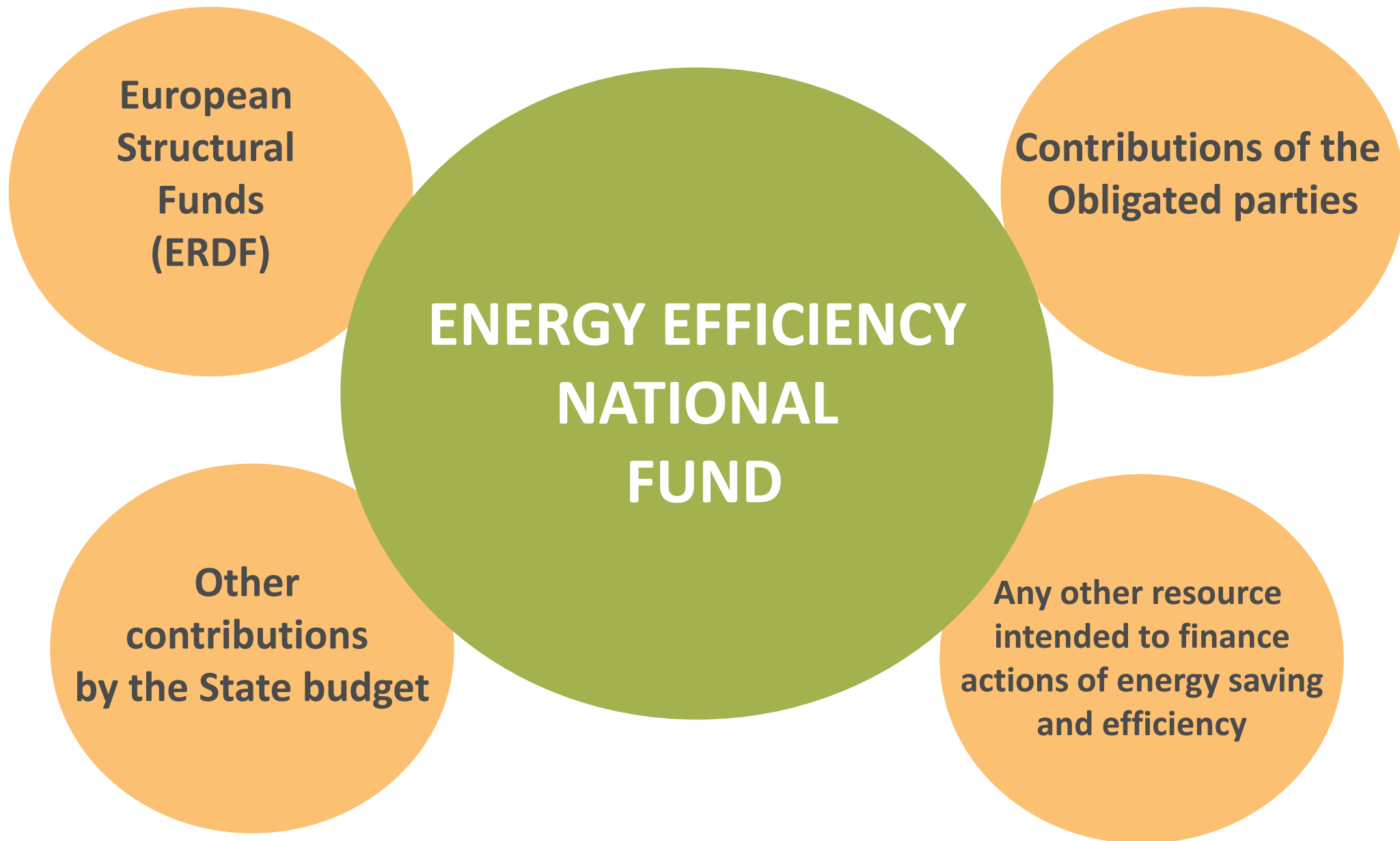
The EENF will be devoted to financing mechanisms of economic, financial, technical assistance, training or other measures, in such a way to attain the national energy target set according to article 7 of EED.

Duration of the Fund would be, at least, from 2014 to 2030.

Organization, management and control:

- The Fund is attached to the Ministry for Ecological Transition and Demographic Challenge, through the Secretariat of State for Energy.
- The management of the Fund will be a responsibility of IDAIE.
- The supervision and control of the Fund will be a responsibility of a Committee for monitoring and control, which is created by law.

Energy Efficiency National Fund (EENF): Funding Sources



Financial contributions to the Fund

EENF in numbers

- **ENNF has mobilised more than 1.000 M€** for support programmes in energy efficiency in different sectors, such as industrial sector, building, mobility, and services.
- 3 calls have been carried out in the **industrial sector** since 2015 with 600 M€ budget. 1st and 2nd call have mobilised 800 M€ in investment with more than 1.300 applications resulting in 350 M€ in public aid. The programme seeks EE improvement in SMEs and big companies through grants.
- In **building sector** stands out the rehabilitation programme (PAREER II and PREE). With more than 566 M€ (204 M€ PAREER II and 362 M€ PREE) for grants and financing.
- **Public lighting** programme, with 100 M€ through loans in more than 100 municipalities in Spain.

Current situation of EENF programmes

Programa	Nº solicitudes	Presupuesto Programa (€)	Inversión (€)	Ayuda (€)	Financiación (€)	% Ayuda reservada	Fecha inicio Programa	Fecha finalización Programa
ALUMBRADO (1ª Convocatoria)	71	65.000.000 €	76.099.918 €		57.961.203 €	89,17%	06/05/2015	Finalizado 05/05/2016
ALUMBRADO (2ª Convocatoria)	38	48.791.000 €	34.565.233 €		32.653.476 €	66,93%	25/05/2017	Finalizado 24/04/2018
EXPLOTACIONES AGROPECUARIAS		30.000.000 €					11/03/2021	
INDUSTRIA (1ª Convocatoria)	415	115.216.421 €	205.427.361 €	66.914.810 €		58,08%	06/05/2015	Finalizado 05/05/2016
INDUSTRIA (2ª Convocatoria)	940	168.190.250 €	601.787.889 €	138.819.949 €		82,54%	01/07/2017	Finalizado 31/12/2018
INDUSTRIA (3ª Convocatoria)	1.423	349.944.906 €		218.638.180 €		59,85%	12/04/2019	Finalizado 31/12/2020
TRANSPORTE (1ª Convocatoria)	25	8.000.000 €	788.231 €	630.347 €		7,88%	06/05/2015	Finalizado 05/05/2016
TRANSPORTE (2ª Convocatoria)	34	3.720.000 €	2.027.777 €	760.666 €		20,45%	25/05/2017	Finalizado 24/04/2018
FERROCARRILES	25	13.000.000 €	12.479.826 €	3.352.454 €		25,79%	16/12/2015	Finalizado 30/04/2018
DESALADORAS	8	12.000.000 €	1.710.626 €	697.648 €		5,81%	29/12/2015	Finalizado 30/04/2018
REHABILITACIÓN EDIFICIOS PAREER II	1.174	204.000.000 €	333.777.241 €	114.969.213 €	89.623.018 €	100,29%	03/02/2018	Finalizado 31/12/2018
PREE	2.460	362.176.284 €	436.228.006 €	163.064.622 €		48,14%	04/08/2020	
LÍNEA ICO IDAE EFICIENCIA ENERGÉTICA (INDUSTRIA Y HOSTELERÍA)*	2	50.000.000 €	388.168 €		310.041 €	0,31%	06/10/2017	Finalizado 17/12/2018
CAMPAÑA COMUNICACIÓN ANUALIDAD FONDO 2014		4.840.000 €						
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CAMPAÑA COMUNICACIÓN ANUALIDAD FONDO 2016		4.840.000 €						
CAMPAÑA COMUNICACIÓN ANUALIDAD FONDO 2017		4.840.000 €						
TOTAL	6.615	1.449.398.861 €	1.705.280.275 €	707.847.890 €	180.547.738 €			
TOTAL MES ANTERIOR MARZO 2021	6.013	1.449.398.861 €	1.659.198.303 €	667.115.462 €	181.249.170 €			
VARIACIÓN	602	0 €	46.081.972 €	40.732.428 €	-701.432 €			

Date: 24th May 2021



3. Success factors & lessons learned of the Spanish energy efficiency national fund

Success factors & lessons learned of the Spanish energy efficiency national fund

- The EEOS and the EENF ensure **budgetary stability and prediction**. Very important for the next period where the objective has increased 57%.
- Most of the **implemented measures** are public support programmes designed taking into account the **target sector and their needs**.
- The **management of programmes** (evaluation, implementation and verification) is **highly useful** enriching our technical knowledge as well as the insight of the end-use energy sectors. It is used in the design of further programmes.
- **Decentralised administration of Spain:** energy is a competence of the Autonomous Communities. Bureaucracy process resulting sometimes in important delays that can directly affect to the energy savings results.
- Political decisions have to be made, such as **financial equivalence**.

Thank you very much



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