ODYSSEE-MURE

Energy efficiency policies in the household and transport sectors

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Barbara Schlomann, Iska Brunzema (Fraunhofer ISI, Karlsruhe, Germany)

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The current EU policy framework for buildings and transport

Key regulation for the building sector:

Energy Performance of Buildings Directive
rev. 2024 (EPBD –EU/2024/1275)

Deadline for transposition in national law:
29 May 2026 → no complete transposition in any MS, only partially in most of the MS.

Accompanying regulations:

- Energy Efficiency Directive, rev. 2023
- Renewable Energy Directive, rev. 2023
- ETS 2: Emissions trading system for buildings, road transport and additional sectors, intending start 2028

around 40%
of energy consumed in the EU is used in buildings

around 50%
of EU's gas consumption is attributable to buildings

+/- 80%
of energy used in EU homes is for heating, cooling and hot water

Source: https://energy.ec.europa.eu/topics/energy-efficiency/energy-performance-buildings/energy-performance-buildings-directive_en#revised-energy-performance-of-buildings-directive

Key regulation for the transport sector:

CO_2 emission performance standards for cars and vans
(Regulation (EU) 2019/631)

December 2025: Commission presented the Automotive Package - Proposed revision of the CO_2 standards

Key elements of the Automotive Package:

- Review of existing CO2 emission standards for cars and vans
- Battery Booster: Strengthening Europe's own battery industry
- Automotive omnibus: less red tape and stronger enabling conditions
- Decarbonising corporate vehicles

Accompanying regulations:

- ETS 2: Emissions trading system for buildings, road transport and additional sectors, intending start 2028

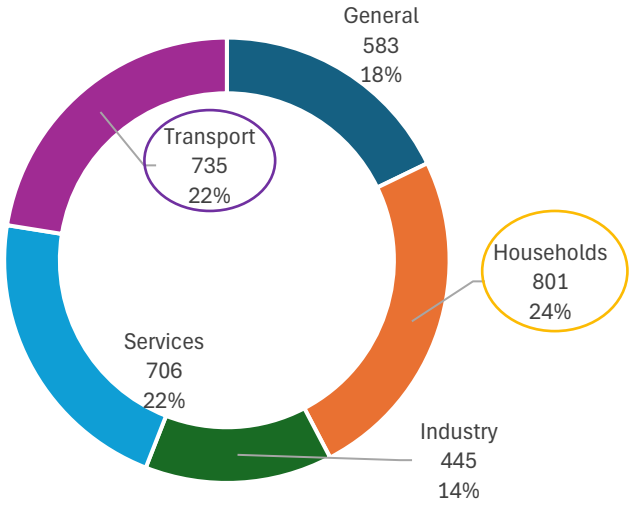
Source: https://transport.ec.europa.eu/transport-themes/action-plan-future-automotive-sector/automotive-package_en

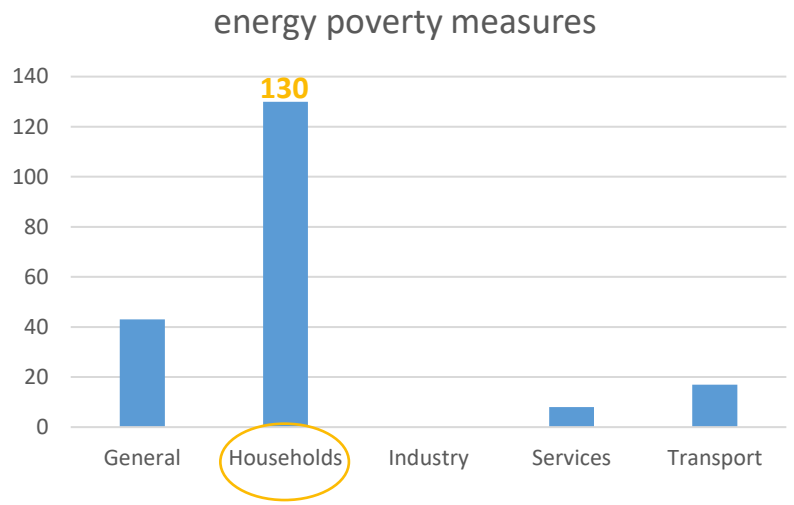
Energy Efficiency Measures for Buildings and Transport in MURE

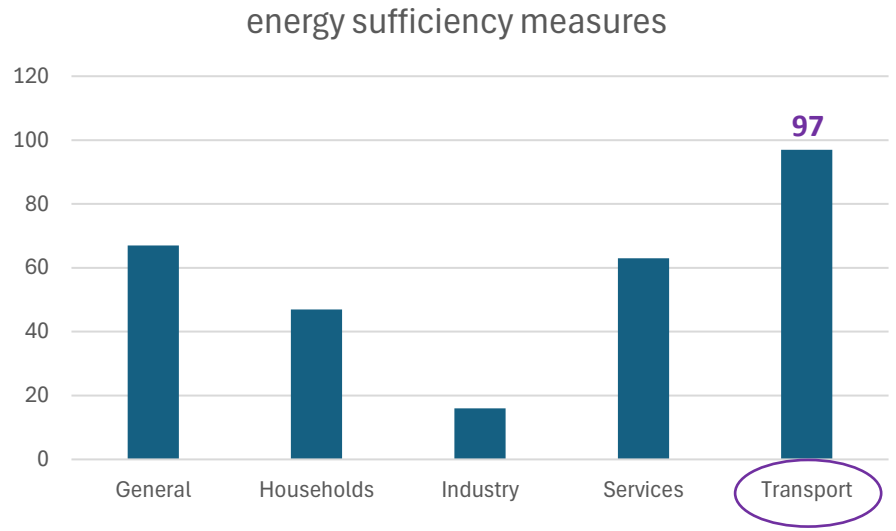
Measures by sector

Total number: 3270

(Oct. 2025: 3123)







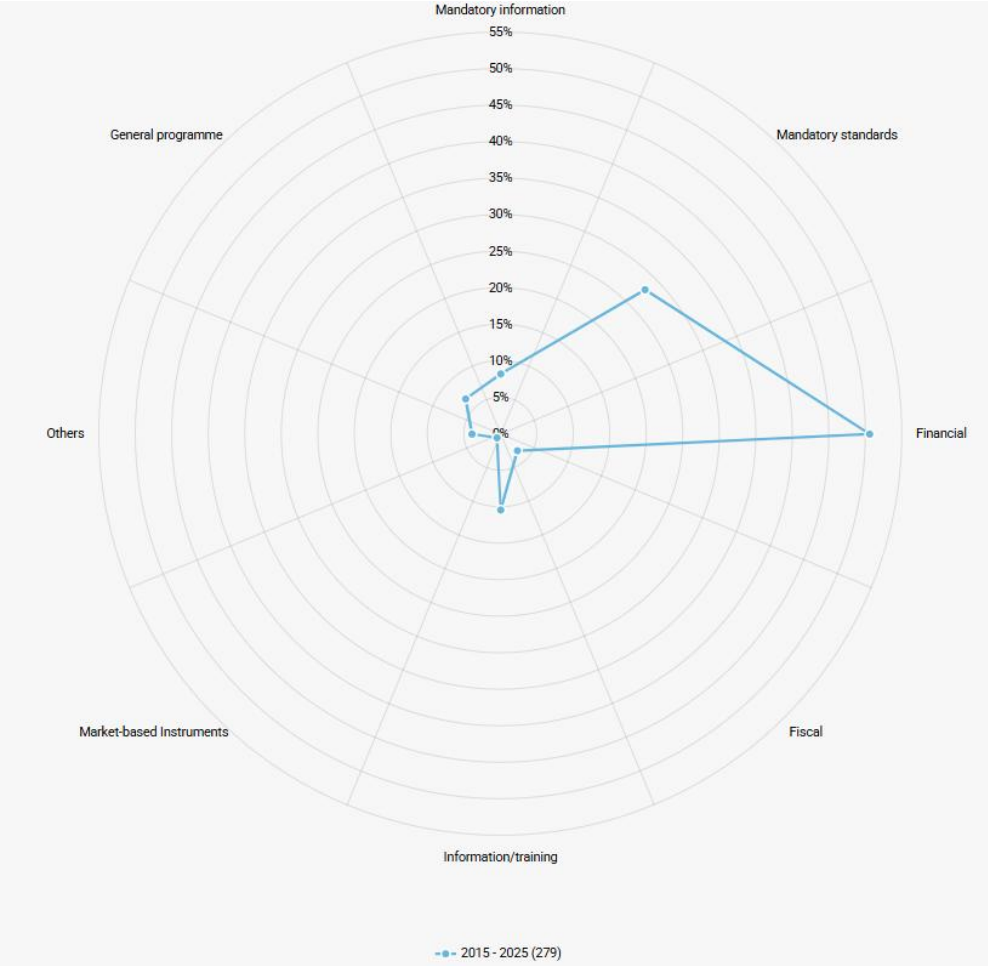
Building policies can be found in MURE

- in the household sector (for residential buildings)
- in the service sector (for non-residential buildings)
- in the cross-cutting sector (for cross-sectoral policies and programmes incl. provisions for buildings).

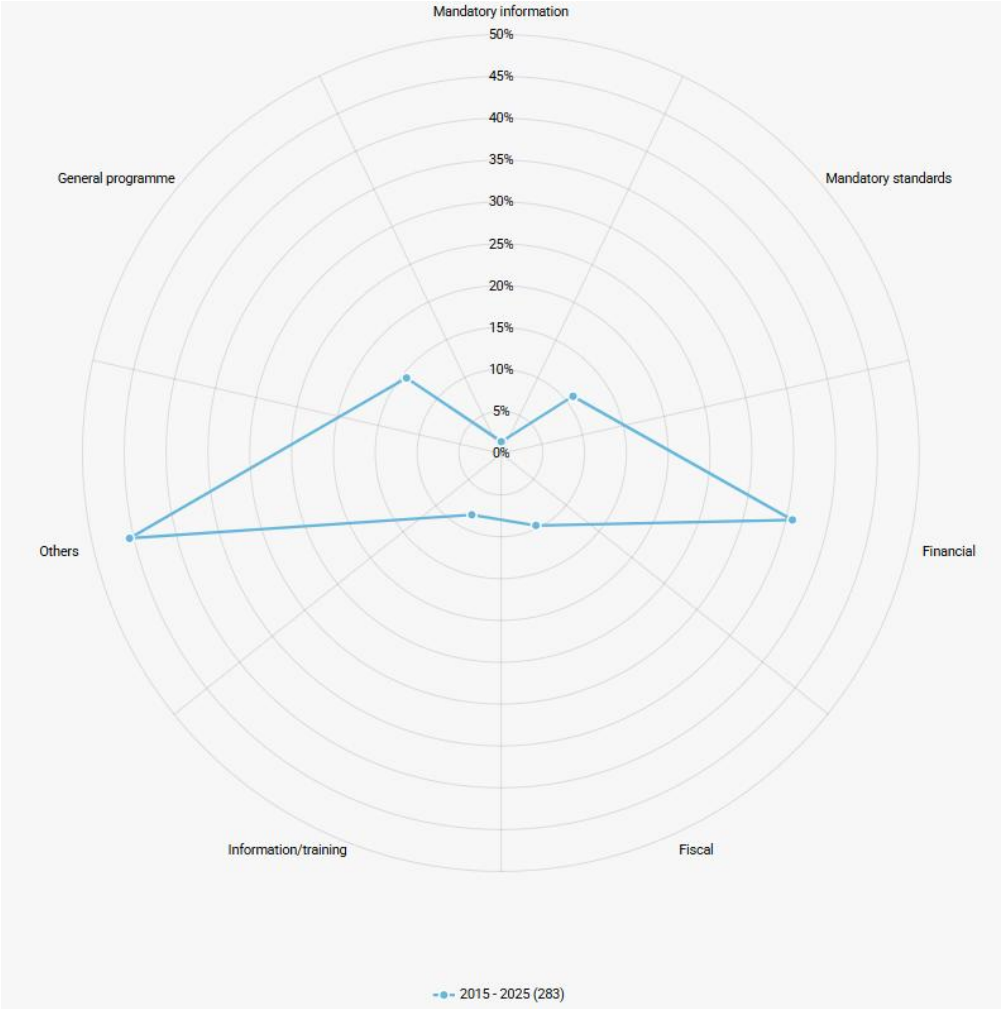
Source: https://www.measures.odyssee-mure.eu/energy-efficiency-policies-database.html#/ (**all** measures, **not only ongoing** measures; as of 3/10/2026)

Overall policy mix in the household and transport sector

Households



Transport



Source: https://www.measures.odyssee-mure.eu/energy-efficiency-policies-database.html#/radarGraph

The 2025 EU Energy Efficiency Scoreboard for households and transport (Top 10 countries)

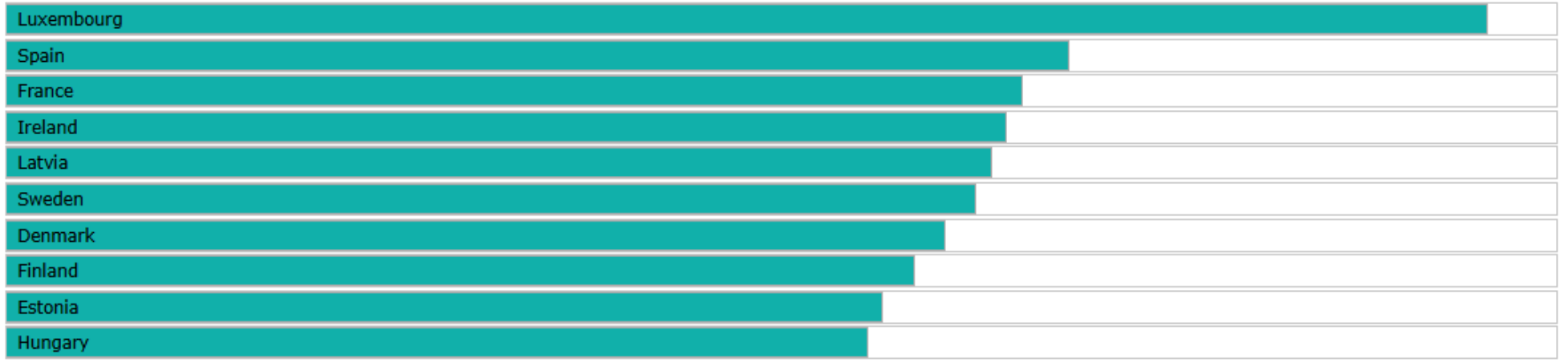
HOUSEHOLDS: OVERALL ENERGY EFFICIENCY SCORE

The overall energy efficiency score is obtained as an average of the three scores obtained for "energy efficiency level", "energy efficiency progress" and "energy efficiency policies" (i.e. one third weighting).



TRANSPORT: OVERALL ENERGY EFFICIENCY SCORE

The overall energy efficiency score is obtained as an average of the three scores obtained for "energy efficiency level", "energy efficiency progress" and "energy efficiency policies" (i.e. one third weighting).



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The 2025 EU Energy Efficiency Scoreboard for households and transport - Policies

Source: https://www.odyssee-mure.eu/data-tools/scoring-efficiency-countries.html

HOUSEHOLDS SCORE: ENERGY EFFICIENCY POLICIES

This scoreboard shows the ranking of countries in terms of energy efficiency policies. Each country is scored with a score between 0 and 1 on the basis of a variety of indicators.

SEE MEASURES



Germany - See more	Tax incentives for energy efficient building refurbishment (Steuerliche Förderung der energetischen Gebäudesanierung)	Fiscal	52.40
	Energy Consulting for non-residential buildings owned by communities/ charitable organisations - EBK (Energieberatung für Nichtwohngebäude von Kommunen/ gemeinnützigen Organisationen)	Financial	27.14
	Funding of Serial Renovation Work (Förderung der Seriellen Sanierung)	Financial	2.18
	Better Energy Homes (Residential Retrofit)	Financial	7.84
Ireland - See more	EU-related: Energy Performance of Buildings EPBD Recast (Directive 2010/31/EU) - Building Regulations 2019 Update - Nearly Zero Energy Homes	Mandatory standards	1.86
	One Stop Shop Programme - Residential Retrofit	Financial	0.47
	"Klimabonus Wunnen", Grant scheme for sustainable housing, sustainable energy renovations an installation of renewable systems (2022-2025)	Financial	1.50
Luxembourg - See more	Individual housing assistance scheme	Financial	0.80
	Tax incentives for energy-efficient home renovation	Fiscal	0.70

TRANSPORT SCORE: ENERGY EFFICIENCY POLICIES

This scoreboard shows the ranking of countries in terms of energy efficiency policies. Each country is scored with a score between 0 and 1 on the basis of a variety of indicators.

SEE MEASURES



Luxembourg - See more	Promoting the electrification of the vehicle fleet registered in Luxembourg	General programme	3.00
	Promotion of public transport	Others	2.50
	Grant scheme for low CO2 emission cars and electric cars (2019)	Financial	1.70
	Vehicle excise duty based on CO2 emissions.	Fiscal	0.09
Cyprus - See more	Implementation of Sustainable Urban Mobility Plans	Others	0.14
	New Contracts for Public Buses	Others, Mandatory standards	0.14
	Electric Vehicle Grants	Financial, Fiscal	11.41
Ireland - See more	EU-related: CO2 Standards for Passenger Cars and Light Duty Vehicles (EU) 2023/851	Mandatory standards	0.78
	Major Public Transport Infrastructure Investment to 2030	Others	0.47

Fraunhofer ISI

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Thank you!

Barbara Schlomann

barbara.schlomann@isi.fraunhofer.de

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