European Association for External Thermal Insulation Composite Systems

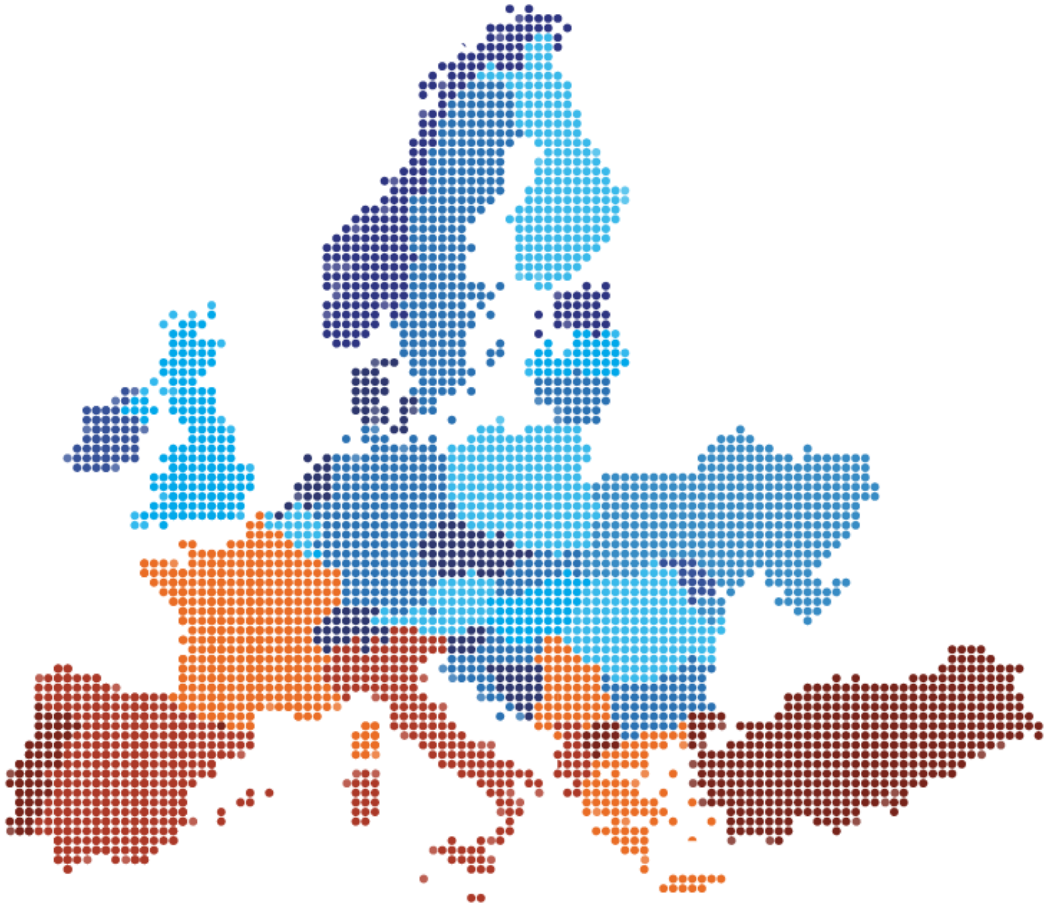
2026 EAE AWARD ETICS are amazing

ETICS IN EUROPE: KEY ENABLER FOR THE ENERGY TRANSITION AND MAJOR ECONOMIC PLAYER SECURING EUROPEAN AND REGIONAL EMPLOYMENT

Jacek W. Kulig, EAE President

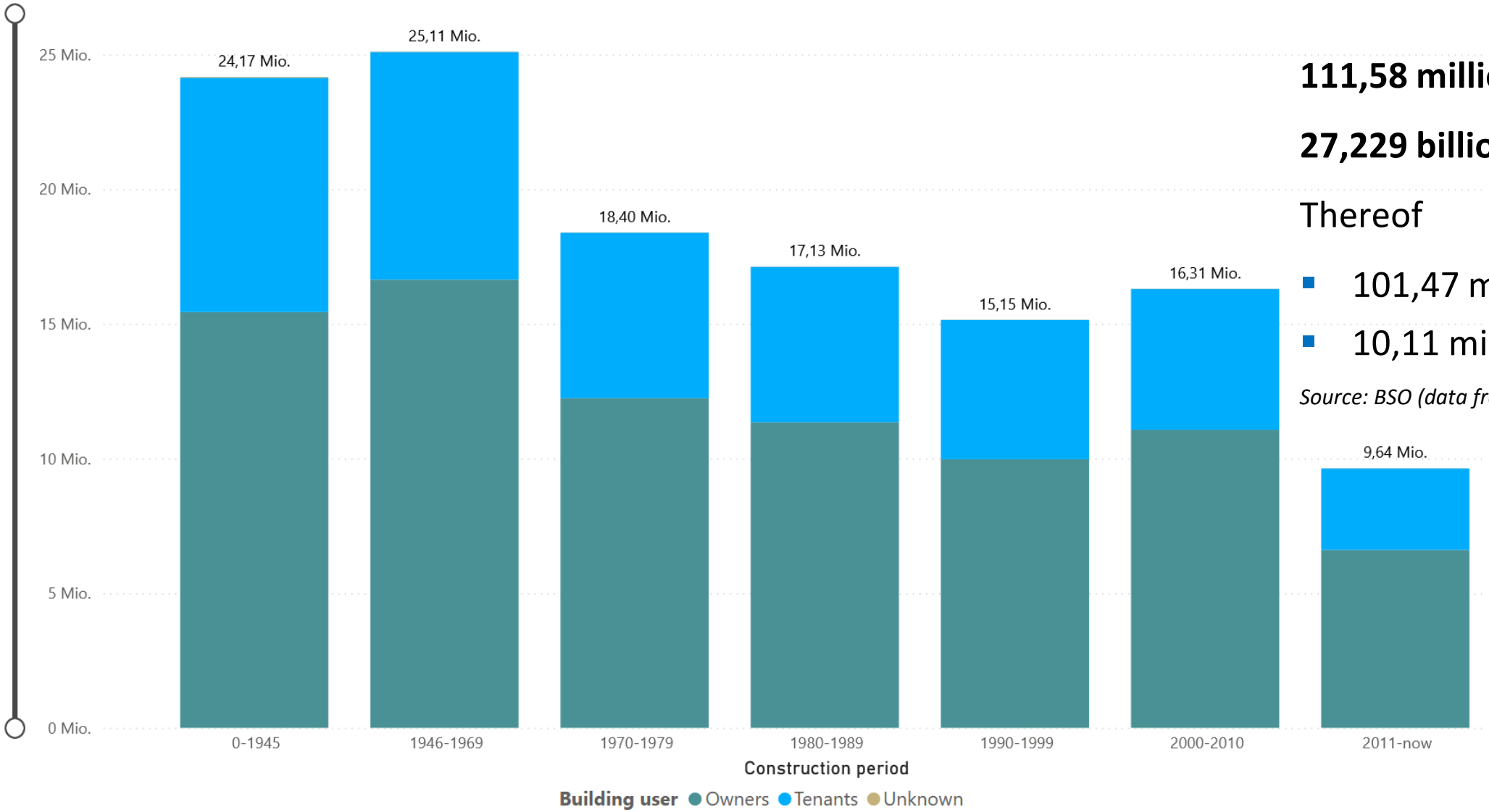
AGENDA

1. Europe’s building stock in a nutshell
2. Gross economic aspects
3. European ETICS market
4. Latest European initiatives
5. Conclusions



Europe’s building stock in a nutshell

EUROPE'S BUILDING STOCK IN A NUTSHELL



111,58 million buildings

27,229 billion sqm floorspace

Thereof

- 101,47 million residential
- 10,11 million services

Source: BSO (data from 2020)

EUROPE'S BUILDING STOCK IN A NUTSHELL

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Buildings stand for

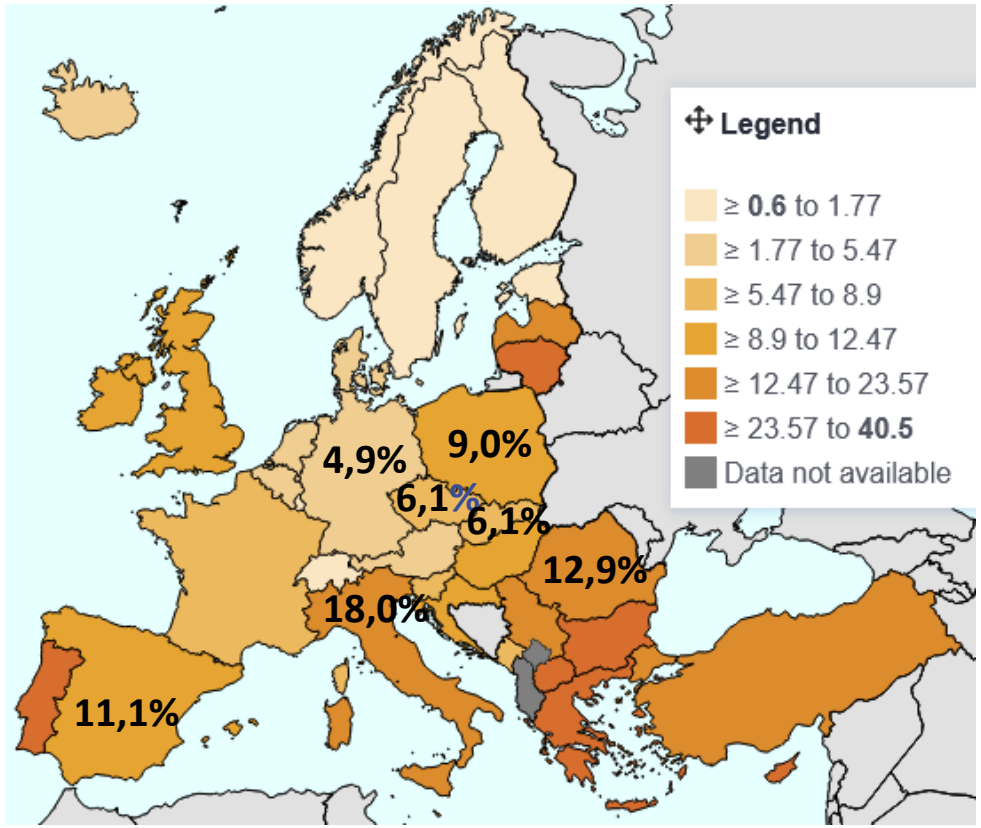
- **40,31%** of Europe's **energy consumption** and
- **34,35% GHG emissions.**
- **64,0%** of the energy consumption is used for space **heating and cooling.**
- **Two thirds** of the energy used for heating and cooling of buildings still comes from **fossil fuels**.
- **75%** of building stock is **inefficient** according to current building standards.
- **85% to 95%** of today's buildings **will** still **exist in 2050.**
- Weighted **annual energy renovation** rate is persistently **low at around 1 %.**
- EU households spend at average **19,6% of** their **disponible incomes on housing** (includes water, electricity, gas and other fuels).

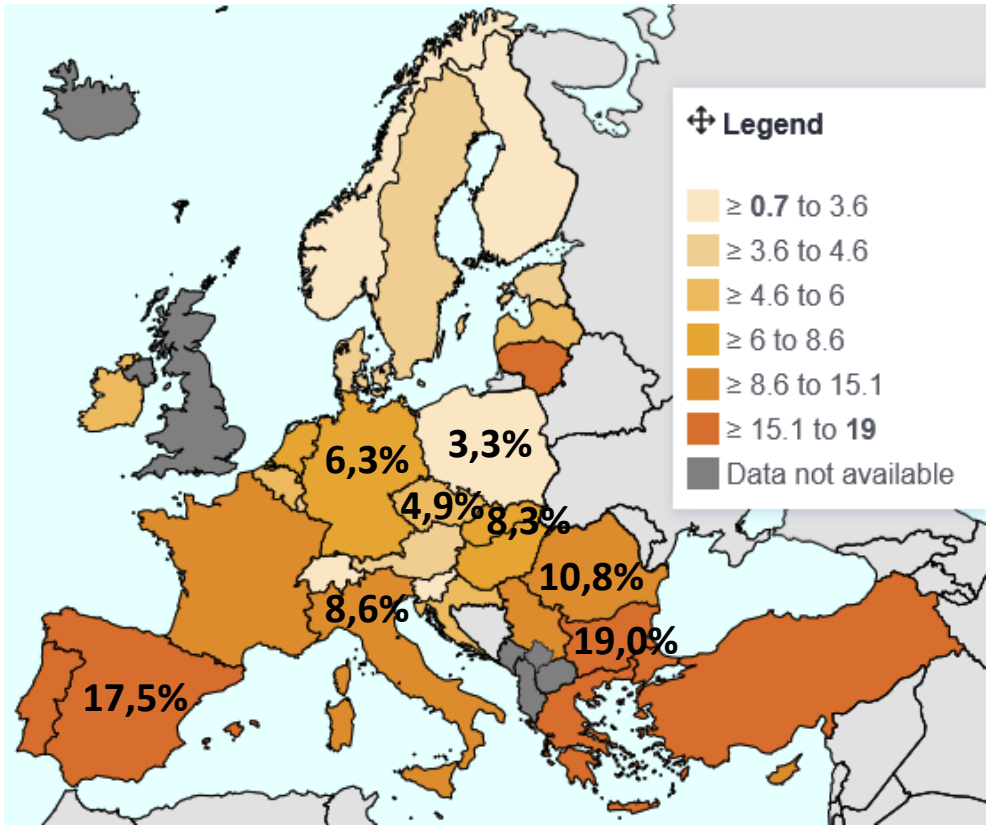
Source: Energy Performance of Buildings Directive (2024), Eurostat (2023)

EUROPE'S BUILDING STOCK IN A NUTSHELL

Population unable to keep home adequately warm by poverty status 2014 vs. 2024

- At average great achievements over last decade.
- Still **one in 10 Europeans suffers -** with **up to 19%** in Bulgaria, Greece, Spain, Lithuania



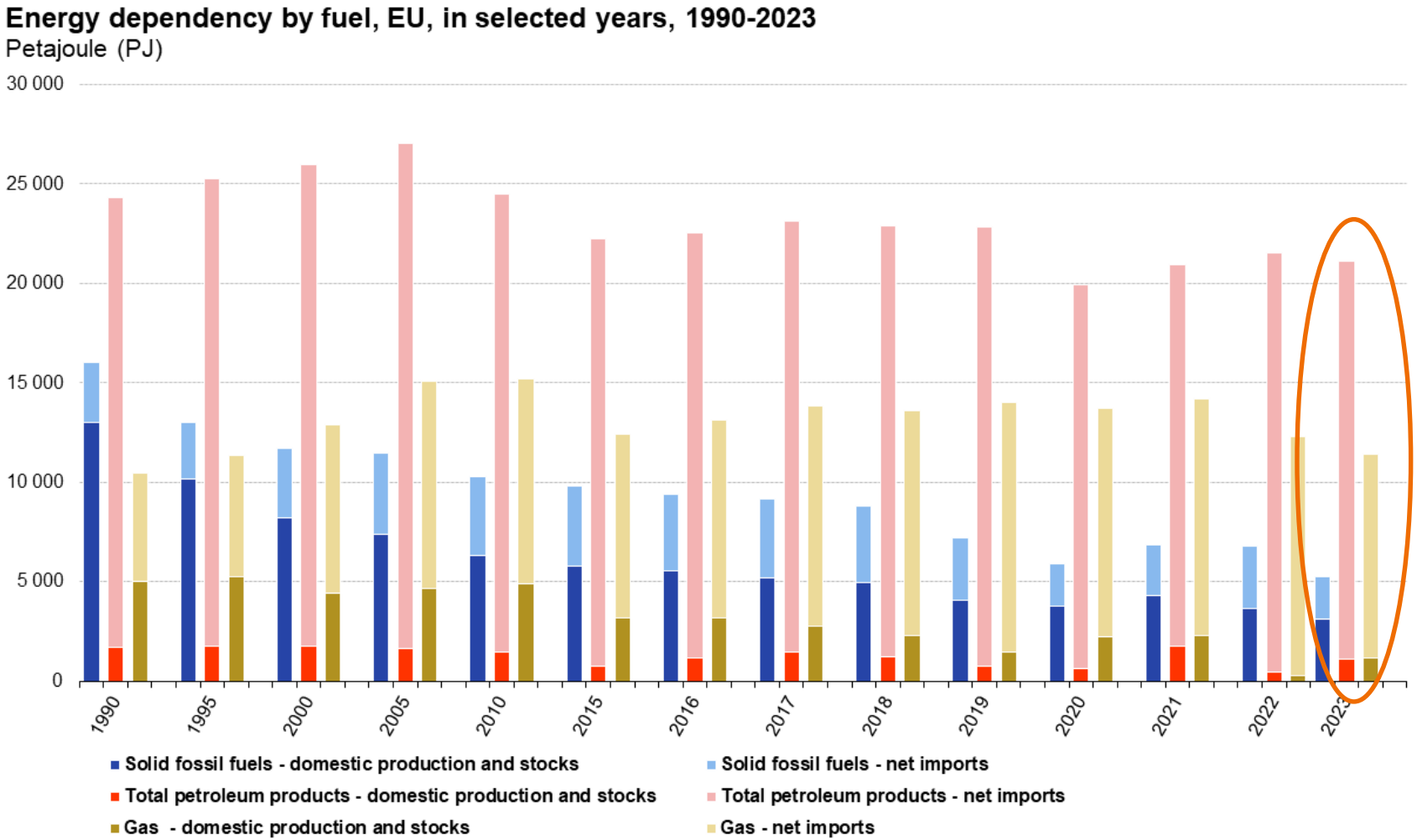


Source: Eurostat

Gross economic aspects

Competitiveness, resilience.

GROSS ECONOMIC ASPECTS



Note: the upper part of the column shows net imports with respect to gross inland energy consumption (including international maritime bunkers), which is represented by total column height.

Source: Eurostat (online data code: nrg_bal_s)

eurostat

EU economies still very much dependent on energy imports

- Especially **fossil fuels** (gas & petroleum)
- **Lacking resilience** against external shocks
- **Affect** both **competitiveness** and **affordable housing**

⇨ **Reducing the energy consumption of buildings must be part of the solution**

⇨ **Will ease the shift to replace residual energy demand with domestic resources (solar, wind, water, etc.)**

GROSS ECONOMIC ASPECTS

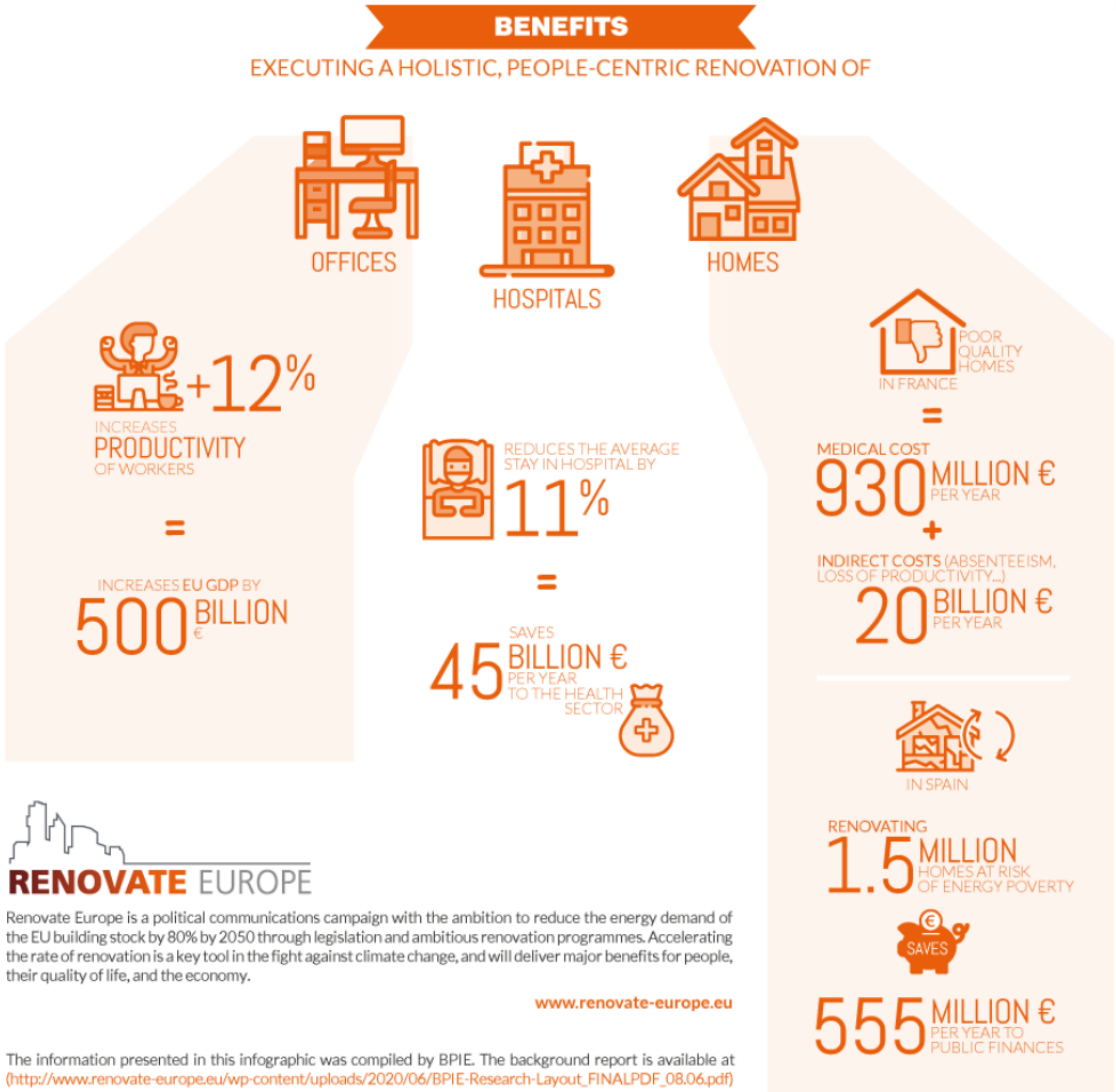
Energy efficient buildings are key

- **Responsible for 40% of the EU's total energy consumption**, buildings are Europe's single largest consumer of energy.
  - This **worsens** Europe's **affordable housing crisis** – a crisis that sees many European households spending nearly **20%** (and in some cases as much as 40%) **of** their **disposable income on housing** expenses.
- Accounting for approximately **9-10% of the EU GDP**, the construction sector is generating significant economic activity and creating millions of jobs.
  - **Investing 1 million EUR in energy renovation creates appr. 18 jobs in the EU economy.**
- As energy-efficient homes use less energy, residents pay less.
  - **For every €1 invested in energy efficiency, Europeans save an estimated €12 over time.**
- For the more than **40 million Europeans who cannot adequately heat their homes**, these improvements can significantly **reduce energy poverty while improving health and comfort**.

GROSS ECONOMIC ASPECTS

Energy efficient buildings create benefits

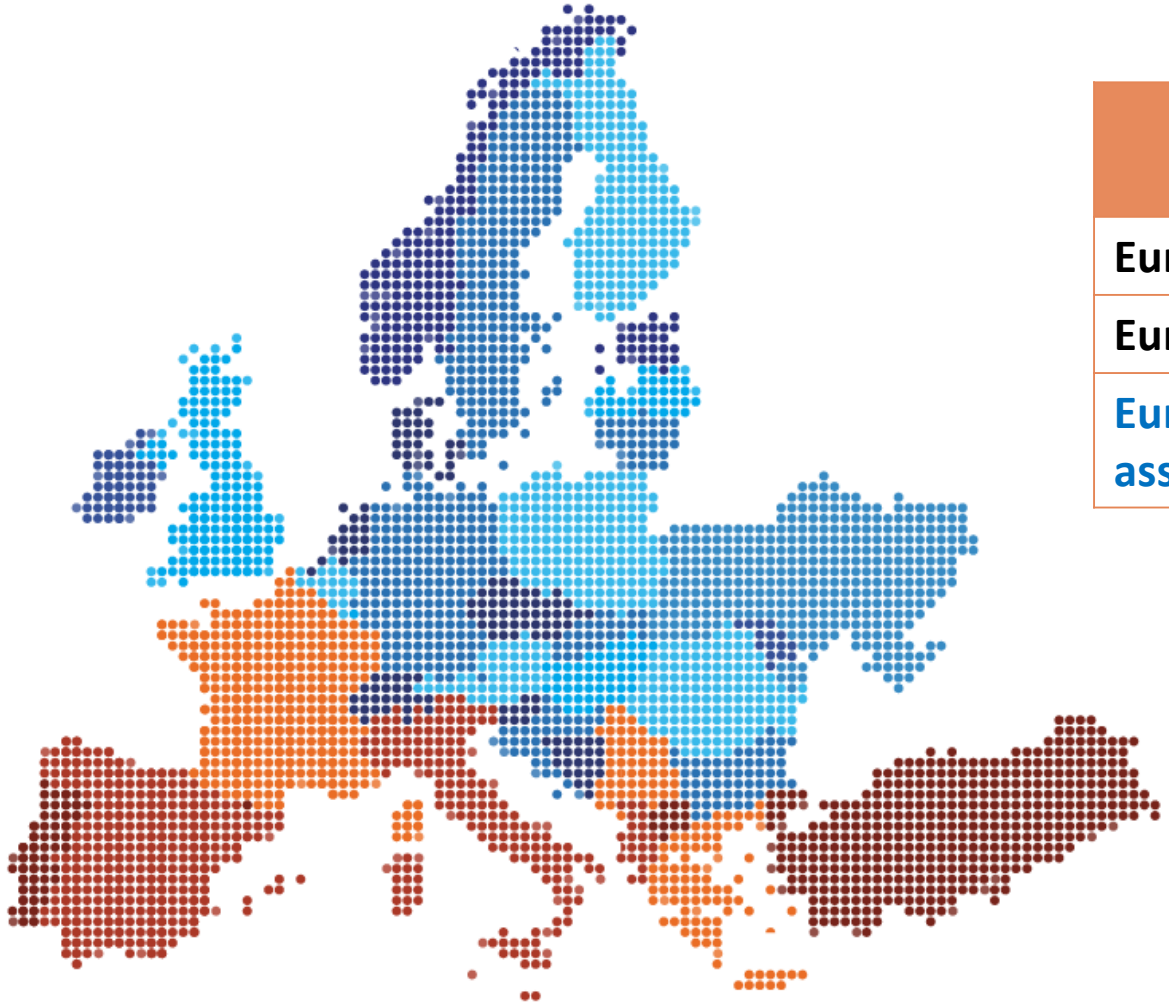
- Making our homes more energy efficient would also alleviate pressure on the grid, especially during periods of peak energy demand. Energy efficient home renovations could cut peak heating demand nearly in half by 2050. This would **reduce total energy system costs by EUR 312 billion annually.** It would also **reduce distribution grid investments by EUR 44.2 billion per year.**



European ETICS market

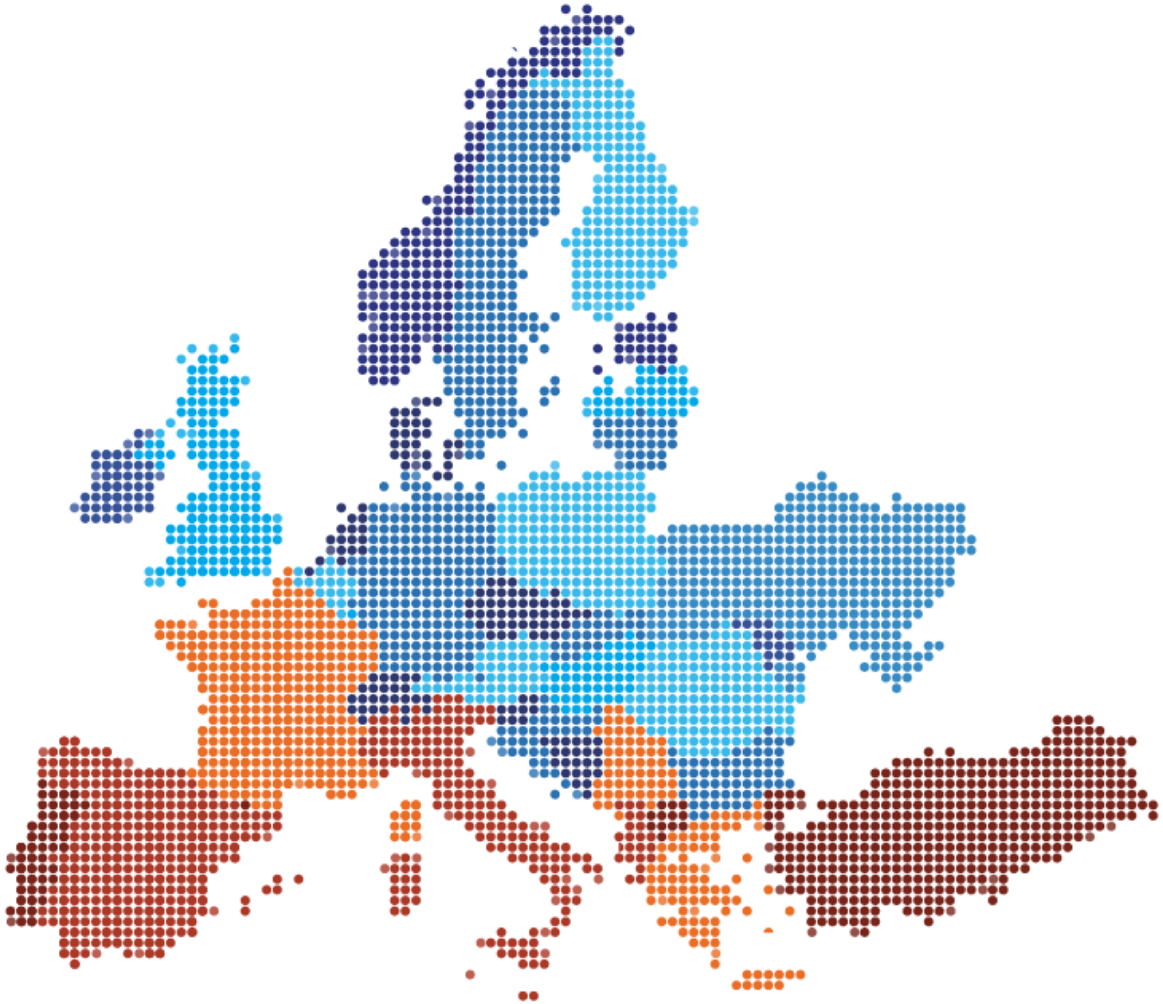
Facts, figures & trends.

EUROPEAN ETICS MARKET



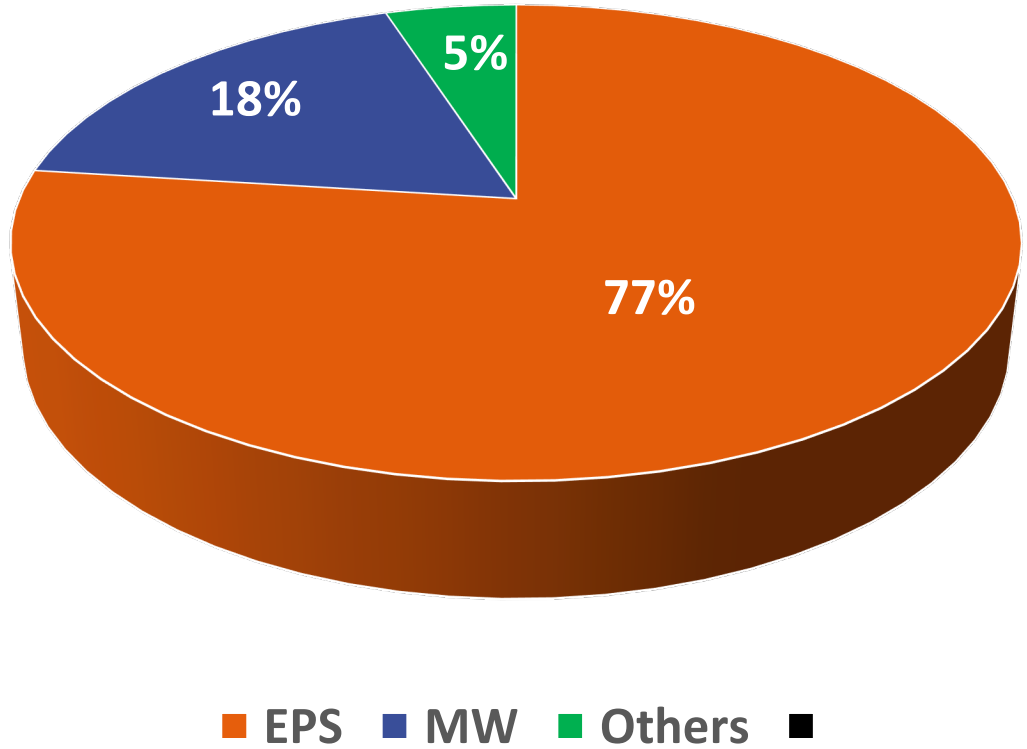
	2020 in million sqm	2024 in million sqm
Europe (total)	313,8	tbd.
Europe (EEA)	241,3	tbd.
Europe (EAE national associations)	**184,4**	**214,6**

EUROPEAN ETICS MARKET

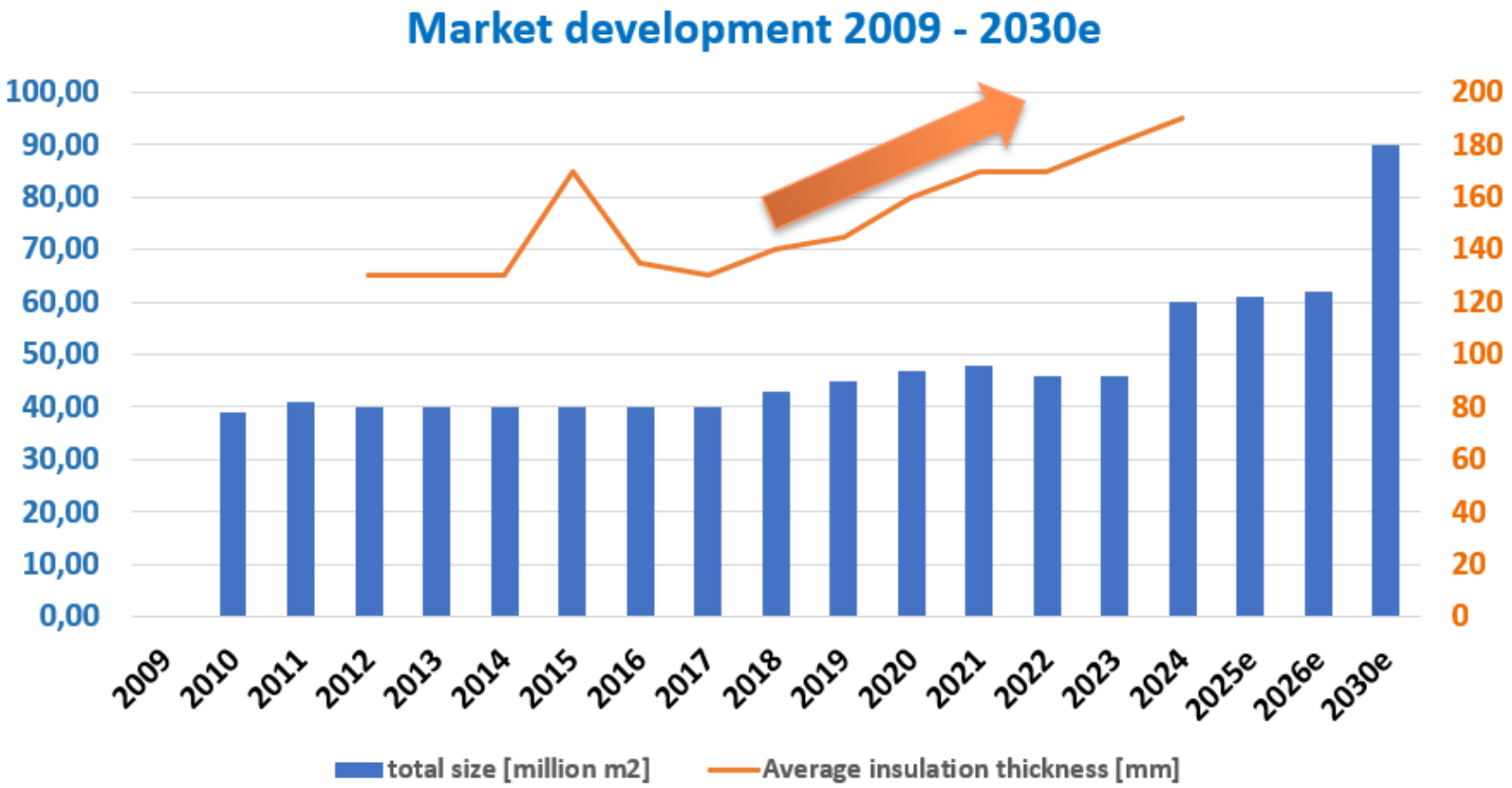


Share of insulation used in ETICS 2024

EAE national member associations

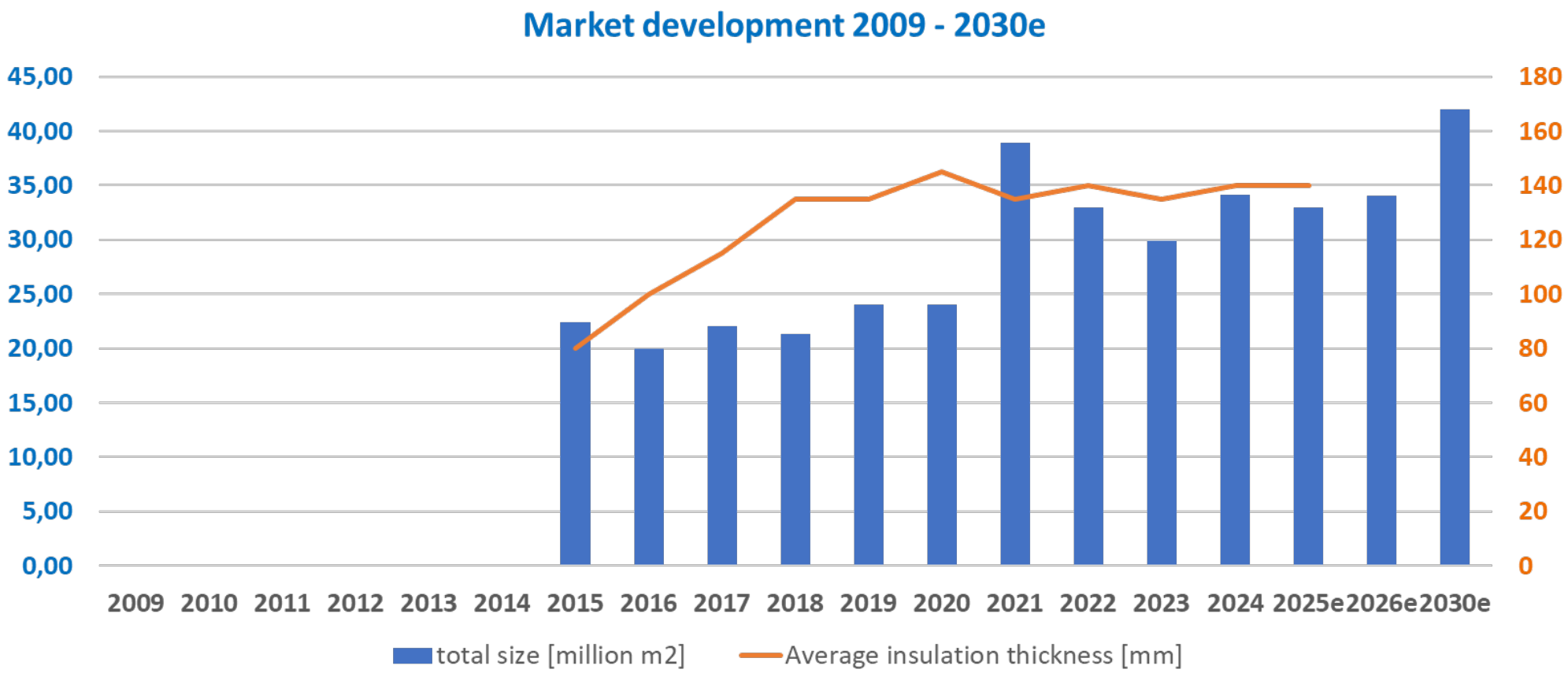


POLAND



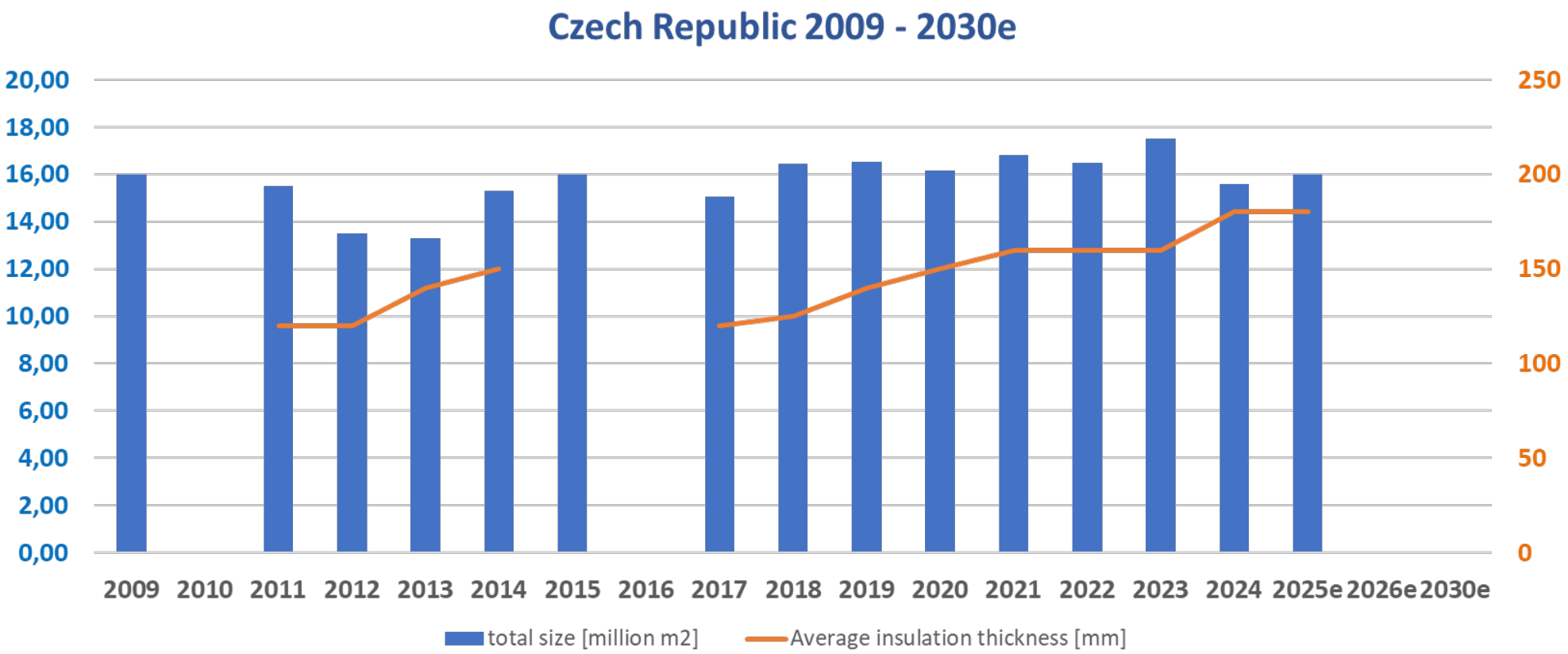
- Very robust ETICS market
- Average insulation thickness increased over time
  - Meanwhile above EU average
- Above average per capita consumption
- Market is especially driven by building renovations
- ETICS-on-ETICS renovations become more relevant

ROMANIA



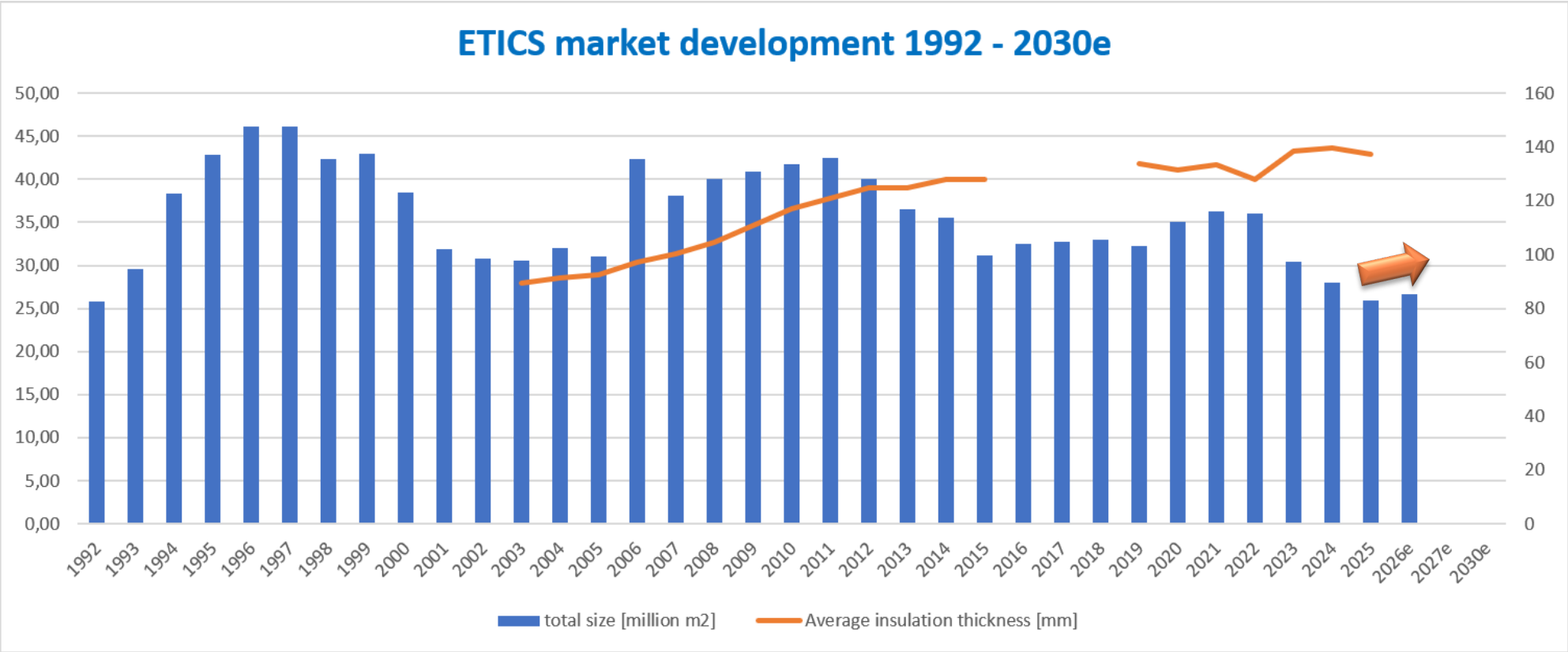
- Substantial growth over time

CZECHIA



- Stable market conditions
- Long-term stable financial framework conditions
- Now shifting from grants to loans

GERMANY



- After several years of declines 2026 seems to become the year of turnaround

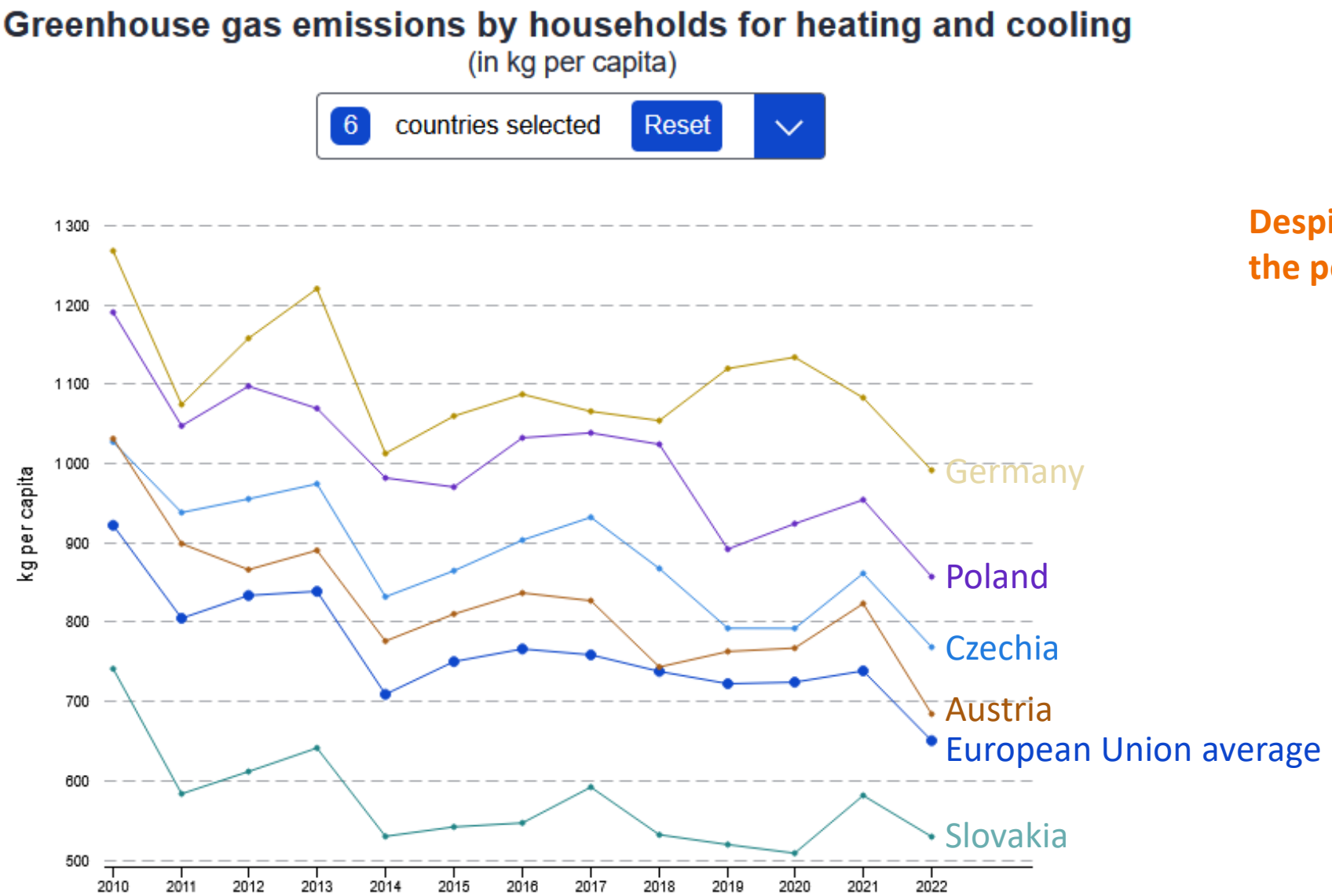
CHAMPIONS 2024…



By market size in sqm

By annual ETICS installation per capita

… DELIVERING ON GHG REDUCTIONS



Despite great progress made, the potential remains high!

Source: Eurostat (2023)

GENERAL TRENDS

- **Increasing share of** ETICS with **mineral wool** insulation:
  - Revision of national building codes towards more restrictive building codes for higher buildings
  - Use of fire barriers in ETICS with EPS insulation increasingly required for larger buildings
- **Increasing share** of ETICS with especially **wood fibre** insulation:
  - In some countries (e.g. France, Netherlands) incentives for use of renewable raw materials
- **Off-site construction**:
  - To compensate lack of qualified workers
  - To accelerate construction/renovation
- ETICS with **alternative facings** more popular
  - Brick slips, ceramic tiles

Conclusions

Renovate, baby, renovate!

CONCLUSIONS

- We can do better.
- We must do better.
- Solutions are available on the market.
- The energy-efficiency sector stands ready to deliver.

⇨ A bold EPBD implementation and pointed Affordable Housing Plan are key.

⇨ ETICS are an important part of Europe's journey to decarbonization & a just transition.

EAE MEMBERS: READY TO DELIVER!

European Association for External Thermal Insulation Composite Systems



Information about EAE membership:

info@ea-etics.com