

**PRIORITY?
INSULATION!**

A Recipe for Success

Priority? Stability! Reduced Pressure on Energy Infrastructure



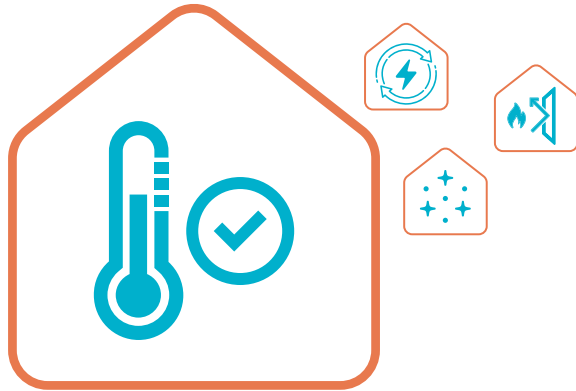
 **eumeps**
The voice of the
European EPS Industry

 **eurima**
European Insulation Manufacturers Association

 **exiba**

 **PU EUROPE**
EXCELLENCE IN INSULATION

Swipe 



Well-insulated homes play a crucial role in reducing grid stress by decreasing the energy required to heat and cool buildings.

An energy efficient envelope can cut household energy needs by up to 70%, creating more stable energy consumption patterns.

This reduction in demand is essential to smooth out peak pressures on the electricity grid, securing the EU's energy future.



Smoothing Peak Pressure on the Energy System Up to **50%**

- ▶ Proper insulation, paired with more efficient heating sources and flexibility measures, can lower peak energy demand by as much as 50%
- ▶ Fewer spikes in energy use reduce the stress on Europe's energy grid, which entails less blackouts and lower energy curtailment by up to 3 times, translating into less wasted renewable energy.
- ▶ By providing greater grid stability, insulation enhances the overall economic efficiency and reliability of the energy system



A More **Efficient** Energy Grid

- ▶ Insulation promotes a more balanced supply-demand nexus, lowering grid congestion and its associated costs.
- ▶ Reduced renewable energy curtailment means less wasted renewable energy
- ▶ The energy savings brought about by insulation can help make the investments in Europe's distribution grid more cost-effective, saving up to €44.2 billion every year



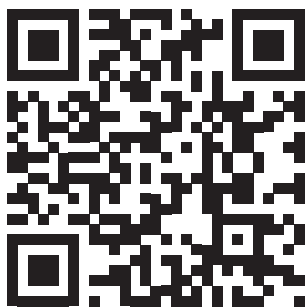
Cutting Capital Costs by **€312 Billion** per year by 2050

- ▶ Reduced overall and peak energy demand through envelope improvements spreads out the required energy infrastructure investments over time, making each euro spent more cost-effective
- ▶ Optimised and fit to purpose new power infrastructure investments lead to budgetary savings as high as 41% by 2030

**PRIORITY?
INSULATION!**

A Recipe for Success

Visit our website



priorityinsulation.eu

 **eumeps**
The voice of the
European EPS Industry

 **eurima**
European Insulation Manufacturers Association

 **exiba**

 **pu europe**
EXCELLENCE IN INSULATION