

10 good reasons

to invest in energy-efficient technical insulation

1

Boosting the Competitiveness of European Industry

Lower energy consumption translates to reduced production costs. Strengthens global market position of EU industries against international competition.

2

Fast and attractive ROI – Technical Insulation Pays for Itself

Technical insulation is an existing clean technology with an average payback of 2 years or less. Unlike costly retrofits, insulation pays for itself quickly, reducing long-term operational costs.

3

A proven Best Available Technique and Win-Win for both Industry and Climate

While essential environmental measures like emission filters and wastewater treatment help prevent pollution, they come with significant costs. In contrast, technical insulation is a best available technique which not only reduces emissions but also delivers a financial return, making it a win-win solution for both industry and the climate.

4

Addressing the Process Heat Challenge

Process heat accounts for two-thirds of industrial energy demand and remains largely fossil-fuel dependent. The high energy and CO₂ intensity of process heat is becoming an existential risk for EU industry, and energy-efficient technical insulation helps mitigate this risk.

5

Improved Workplace Safety

Better insulation reduces surface temperatures, enhancing safety and preventing burns and accidents.

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Improved Comfort & Noise Reduction

Better insulation helps stabilize temperatures, reducing exposure to extreme heat or cold in industrial environments and minimizes noise levels.



Higher Product Quality & Waste Reduction

More stable process temperatures lead to higher product consistency, reducing material waste and improving sustainability.



Proven Effectiveness – Backed by Real-World Data

3.000+ TIPCHECK audits worldwide show that 3 out of 4 clients invest in insulation improvements. Yet, without legislation, insulation remains a low priority resulting in missed opportunities for decarbonization and industrial competitiveness.



Legislative Alignment with the Industrial Emissions Directive (IED)

The IED already recommends optimized insulation in most BREFs (Best Available Technique Reference Documents). EN 17956 translates “optimized” into a concrete insulation energy performance, delivering measurable savings and financial returns.



Legislative Alignment with the Energy Efficiency Directive (EED)

Aligns with broader EU climate and energy efficiency targets and regulations like the EED.

