Delivering on the European Green Deal and Fit for 55

Policy drivers for heat pump deployment in the updated EU energy framework

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Drivers in the existing EU energy legislation

- Ecodesign implementing regulation for space heaters and the Energy labelling regulation for space heaters
- Renewable Energy Directive
- Energy Efficiency Directive
- Electricity Directive and the reform of the Electricity Market Design
- Support action on heat pumps
Ecodesign and energy labelling of space heaters

• **Ecodesign** implementing regulation for space heaters
  - In place: **minimum efficiency requirements** for products put on the EU market. [Regulation-813/2013 - EN - EUR-Lex](https://eur-lex.europa.eu/lex/document?uri=uriserv:OJ.L_.2013.N.210.01.01.01.01)
  - Revision: **phase-out of stand-alone boilers** via Ecodesign discussed in 2023 will not be pursued. -> legal basis cleared for national action in EPBD.

• **Energy labelling** regulation for space heaters
  - (Revision) **Rescaling** from A+++ -> D to A - G boilers downgraded from A to F (or G).
  - (Revision) **Systematize the use of the label** by the installers.
• From **1 January 2025**: no more financial incentives for stand-alone boilers powered by fossil fuels (Article 17(15))

• **Legal basis for Member States to set requirements** on GHG emissions, share of renewables, type of fuel for heat generators (Article 13(1) subpara. 3); **encouragement** to phase out stand-alone boilers powered by fossil fuels (Article 13(7))

• Plan policies and measures **with a view to a complete phase-out of boilers powered by fossil fuels by 2040** through the national Building Renovation Plans (Article 3 and Annex II)

• **Zero-emission buildings** must not produce any on-site emissions from fossil fuels (Article 11(1))

• **Inspections** of heating systems to include basic assessment of feasibility to reduce on-site use of fossil fuels (Article 23(1))
Electricity markets

• The Electricity Directive and The reform of Europe’s Electricity Market Design

  • Ensure the right for a smart meter.

  • Ensure availability of dynamic price contracts. Enable multiple supply contracts at a single connection point (off-peak electricity prices for heat pumps). Facilitate RES energy sharing.

  • Request Member States to set incentives for the use of flexibility by system operators. Ensure availability of aggregation services. Enable Member States to introduce non-fossil flexibility support scheme

  • Requires electricity distribution system operators (DSOs) to adopt and submit network development plans. Key instruments to ensure electricity networks are prepared for growing electrification of end-uses.
(upcoming project) Support Action on Heat Pumps

• A Heat Pump Accelerator Platform to monitor and assess on continuous basis the policy framework at national level in EU Member States in view of the accelerated roll-out of heat pumps in buildings, industry, and district heating.

• Collect and assess data on deployment, policies, and competitiveness of the heat pumps sector,

• Foster operational cooperation and dialogue (also with national authorities), monitor training programmes for heat pump installers, analyse trends, identify possible gaps, and propose operational solutions for addressing such gaps.

• Assess the results of R&I and market uptake projects on heat pumps in the building, networks and industry sectors. define R&I & Demonstration priorities for low upfront-cost, efficient, smart and interoperable heat pumps

(ongoing evaluation, contract expected to start in 2024)
Thank you!