



**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
- Energy Performance of Buildings Directive
- *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](#)
  - 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
  - In place: energy labelling for space heaters (boilers, heat pumps, cogeneration, solar thermal) [Regulation-811/2013 - EN - EUR-Lex](#)
  - (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

# Energy Performance of Buildings Directive

[https://www.europarl.europa.eu/doceo/document/TA-9-2024-0129\\_EN.pdf](https://www.europarl.europa.eu/doceo/document/TA-9-2024-0129_EN.pdf)

- 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 emissions from fossil fuels (Article 20(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!

