

Let's end the sales of fossil fuel boilers through ecodesign

Why ecodesign will make the transition to clean heating happen

On 27 April, stakeholders and national experts will meet at a Consultation Forum that will be crucial in our quest to climate neutrality: EU member states will discuss new ecodesign rules for space and water heaters. In practical terms, raising the energy-efficiency threshold of these appliances could result in a de facto ban on gas and oil boilers, given that they are much less efficient than heat pumps and other renewable-based systems.

For this to happen...



Heating appliances

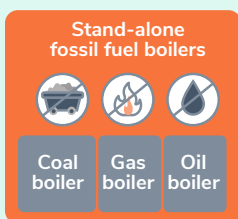
Energy efficiency allowed on the market

↑ 110%



Europe faces a watershed moment on **27 April**
let's not waste our chance!

As of 2029



The latest [EU Save Energy Plan](#) by the European Commission includes an important provision to decarbonise residential heating. The plan foresees 'an EU-wide ban on "stand-alone" (non-hybrid) fossil fuel boilers as of 2029' through the Ecodesign Regulation for space and water heaters.

By 2025



In addition, the Commission outlined other relevant elements, such as **rescaling the energy label** for heating appliances by 2025/2026, and an intention to **end national public subsidies for fossil fuel boilers** in residential buildings by 2025.

We believe that applying a ban to 'stand-alone' fossil fuel boilers via ecodesign (one of the world's **most successful measures** to secure energy savings and emission reductions to date) is of utmost importance.

An ambitious ecodesign regulation would:



Make clean heating the norm

- ✓ **Push the deployment of clean heating products**, which are at least **three times more efficient** than any gas boiler installed today.
- ✓ **Incentivise a thriving ecosystem in the EU for manufacturers of clean heating appliances** – investments by industry will reach up to five billion euro over the next three years.
- ✓ **Foster the electrification of a sector heavily relying on fossil fuels**, and support renewable **electricity operators**.
- ✓ **Increase energy independence from non-EU countries** – the switch to clean heating, together with the widespread renovation of buildings, could save up to 37bcm of gas consumption, equivalent to **the whole volume of gas imported by France every year**.



Bring benefits to citizens

- ✓ **Decrease indoor air pollution** – residential gas produces 6x more NO_x than gas-fired power plants.
- ✓ **Make energy bills more affordable for consumers in the long run** – heating electrification would save each household **at least 160€ per dwelling every year**.
- ✓ **Create thousands of green jobs** – building renovations and clean heating have the potential to create up to **1.2 million additional jobs**.



Get Member States on the right track

- ✓ **Align EU efforts with ambitious national initiatives already in place** – as in Germany and the Netherlands.
- ✓ **Get Member States closer to achieving their national climate targets**. A 2025 ban on the sale of fossil fuel boilers would equal 13% of the emissions reductions that EU countries must achieve on average.



Ensure coherent climate action

- ✓ **Match the ecodesign measures for space and water heaters** with the **current development of the EPBD recast** – banning fossil fuel boilers in all buildings by 2035.
- ✓ **Make heating part of the solution to mitigate climate change**. Although it is an energy-hungry sector, it is not a hard-to-abate one: renewable alternatives are mature and ready to be deployed.
- ✓ **Line up the heating sector with EU climate neutrality targets** – as **IEA** has demanded.