

FIVE YEARS LEFT

How ecodesign and energy labelling can decarbonise heating



2050

Europe aims to be climate neutral by 2050



25 years

Boilers last for up to 25 years



2025

We must stop installing fossil-fuel boilers by 2025!

It's simple maths

What's the problem?

Heating

28%

of total energy consumed in the EU

75%

of the energy produced for the residential sector comes from fossil fuels



= CO₂ emissions produced by all cars in Europe in 2019



What's the solution?



Ecodesign



Energy labelling

But we need stronger rules – they could bring about:

Annual CO₂ savings

30 Mt

By 2030

90 Mt

By 2040

110 Mt

By 2050

= Half of all 2019 CO₂ emissions from flights within the EU



Now we need to:

Reduce the overall heat demand



Insulate buildings better



Rescale the energy label to downgrade fossil-fuel powered appliances to F and G classes



End the installation of fossil fuel-powered and inefficient electric heating systems



Phase those appliances out in two steps, removing:

G-class by 2023

F-class by 2025

Replace them with greener alternatives: heat pumps and solar thermal systems

