# Installed stock of heating systems and European heating label

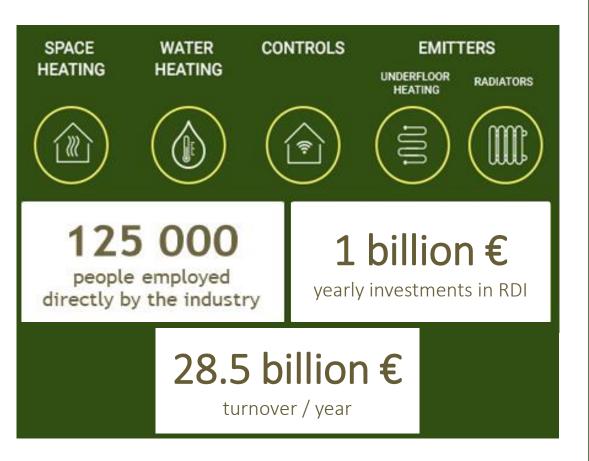




Matthieu Duc, European Heating Industry



### EHI brings together manufacturers of heating systems in Europe





























































































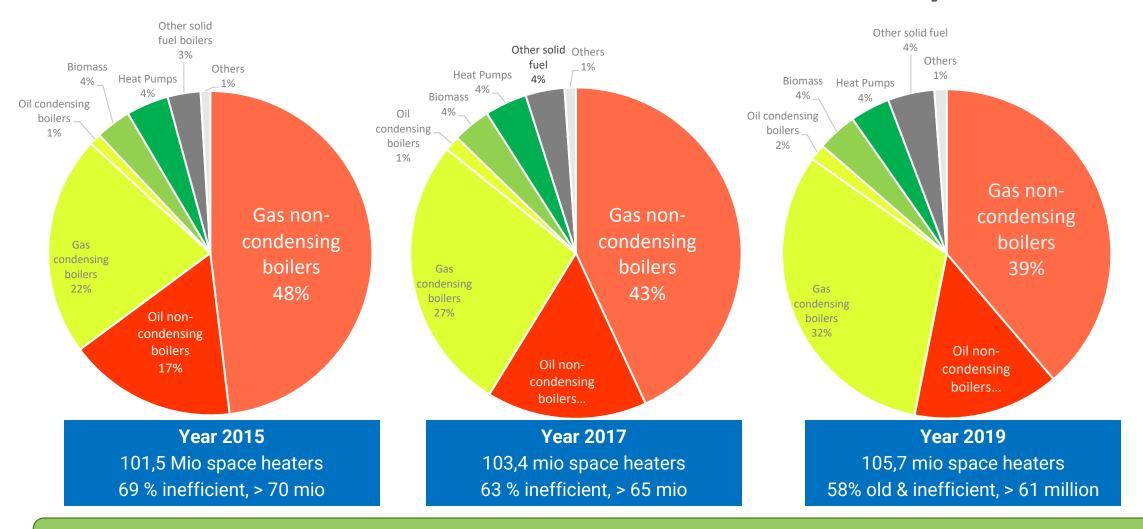




Our members represent 90% of EU market for heat & hot water generation, covering a wide range of technologies



#### Installed stock of heaters in the EU 27 across the years



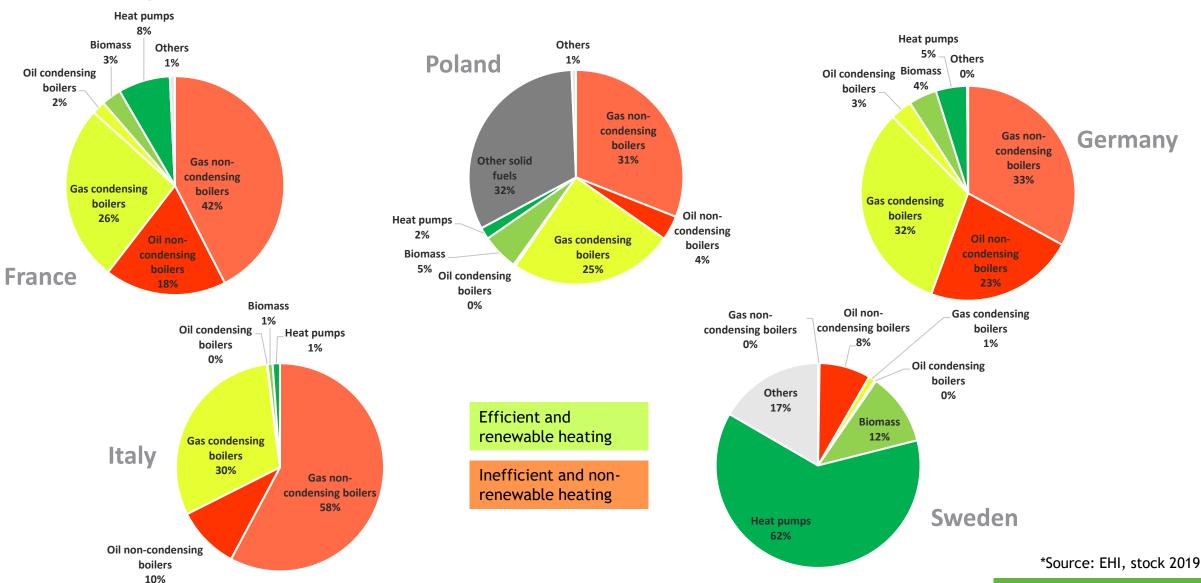


Source: EHI.
Colours based on
the energy label for
new heaters.

Replacement too slow (4%/year) → at least 6% needed for 2030



#### Diversity of the installed stock of heaters in EU Member States





#### Some of the challenges to a faster replacement rate:



- 1. Low consumer awareness of energy efficiency & their appliance;
- 2. Capacity/capability e.g.: lack of installers to handle a 'renovation wave'; installers' skills update;
- 3. Financial e.g.: upfront investments & energy prices for end-users.
- **4. Poor energy performance** of buildings: most built before 1960s, when no EPB standards.



#### Focus on consumer awareness



## Recent CenterData study on purchase decisions on heating appliances (Oct 2021, 5 EU countries: DE, FR, IT, BG, PL)

- **Energy Label** is perceived as more informative rather than being used as a comparison tool;
- **Installers** seem to play an important role in increasing understanding of the label;
- **Specifics of building** determines choice of an appliances versus another;
- Only 8% of recent buyers replaced a boiler with e.g. a heat pump;
- With costs, energy performance is the most important aspect for consumers, but shows limited switching to more efficient technologies.



HARP was conceived as a tool to raise consumer AND installers awareness about the efficiency of heating systems installed.

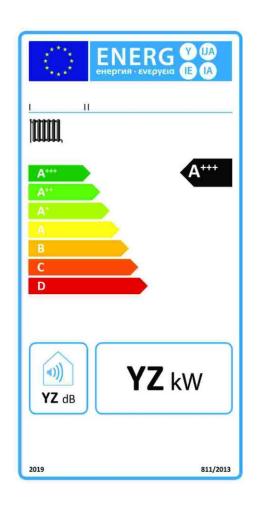
Knowledge is power: knowing the efficiency of your (old) heating system is the first step to improve it.





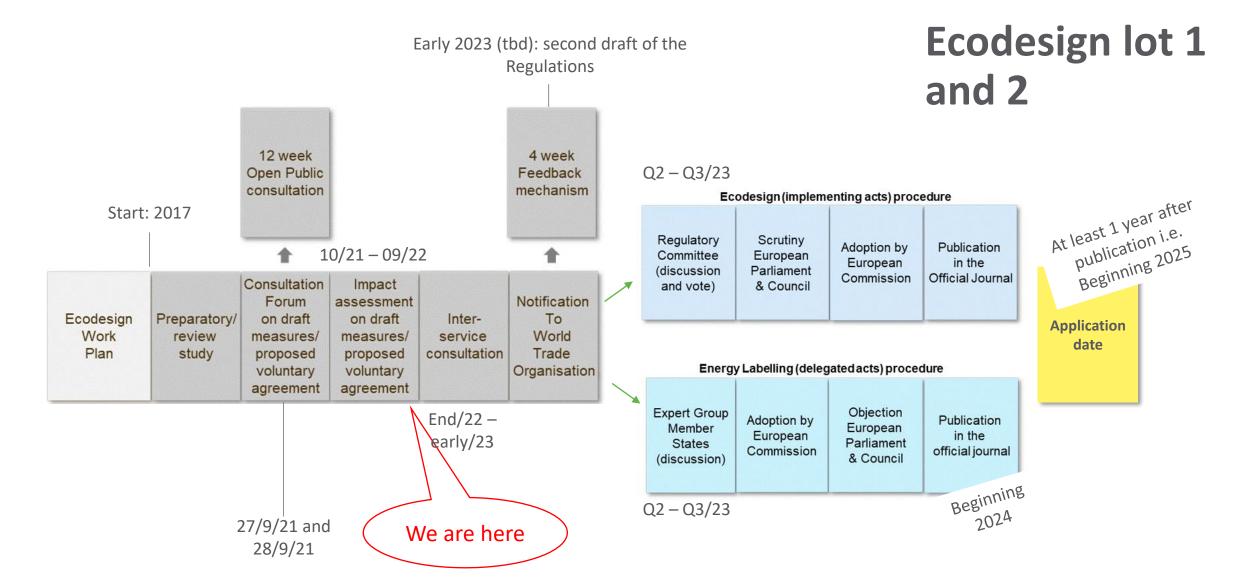
#### The European Heating Energy Label

VI, V



- Commission delegated Regulation N°811/2013
- Mandatory label for new space & water heaters placed on the market from 26 September 2015.
- 26/09/2015: energy classes range from A++ (most efficient) to G (least efficient).
- 26/09/2019: energy classes from A+++ to D.
- Ongoing revision







Various options to decarbonise buildings. Different buildings = different heating solutions

& energy carriers

























#### Thank you for your attention!



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#### Follow us!

heating-retrofit.eu

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