

Eurelectric | European Heat Pump Association Power Talks  
**Making Your Home Heating Low-Carbon & Flexible for 2050**

Brussels, 15 November 2018  
18h00 – 20h00  
The Office (bar), Rue d'Arlon 80, 1040 BRUSSELS



The upcoming Long Term Strategy of the European Commission aims at GHG reduction levels in line with the entry into force of the Paris Agreement and possibly compatible with the IPCC Special Report on 1.5°C. The Commission calls on all sectors to contribute to this target: from agriculture to industrial processes, as well as transport and heating (especially in buildings).

The power sector is committed to become carbon-neutral well before 2050 to enable other sectors to decarbonise. An economy where 60% of final energy consumption is coming directly from decarbonised electricity would allow us to cut EU emissions by 80-95% between now and 2050 (Eurelectric [Decarbonisation Pathways' study](#), 2018).

One of the sectors in which the highest potential for electrification hides is heating. With renovation rates of 1% (EU average) and lack of capillary investments to revert the trend, the recently updated rules on renewable energy, energy efficiency and performance of buildings could be an important gateway to trigger the potential of the sector.

Energy efficiency is a key driver of emission reductions in the residential sector. In addition to efforts needed to improve the efficiency of a building envelope, 45% to 63% of buildings energy consumption could be electric in 2050 driven by the adoption of electric **heat pumps**. This also opens the door for increasing use of demand side flexibility.

Digitalised solutions and smart charging operations will allow people to manage their energy consumption efficiently while mitigating the effects of increasing RES penetration. Loads from EVs and heat pumps are large enough to play a significant role in flexibility schemes in the coming years.

Eurelectric and the European Heat Pump Association will discuss the potential of efficient and smart electrification of heating in the building sector and what to do to get us there from now until 2050.

### **PROPOSED AGENDA**

18.00 – 18.30: Welcome Drink

18.30 – 19.30: Panel Discussion and Q&A

Moderated by **Eva HOOS**, Policy Officer, European Commission

- **Kristian RUBY**, Secretary General, Eurelectric
- **Thomas NOWAK**, Secretary General, EHPA
- **Mercè ALMUNI**, Energy Policy Officer, BEUC
- **Claire ROUMET**, Executive Director, Energy Cities