



**European Forum  
for Renewable Energy Sources**

# 18th Inter-Parliamentary Meeting on Renewable Energy and Energy Efficiency

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**Renewable Heating and Cooling can replace  
greenhouse gas emissions with home-grown  
renewable technology that generates local jobs  
and economic value in Europe**





**Renewable heating and cooling is for  
Comfort, Health and well being.**

**Production of chemicals, beverages,  
food safety, steel and copper making,  
water treatment and much more....**


**It has many sources; is difficult to  
transport but easy to store.**



# ENERGY SECURITY



**New pipelines are not security of supply,  
local renewable heat is....**

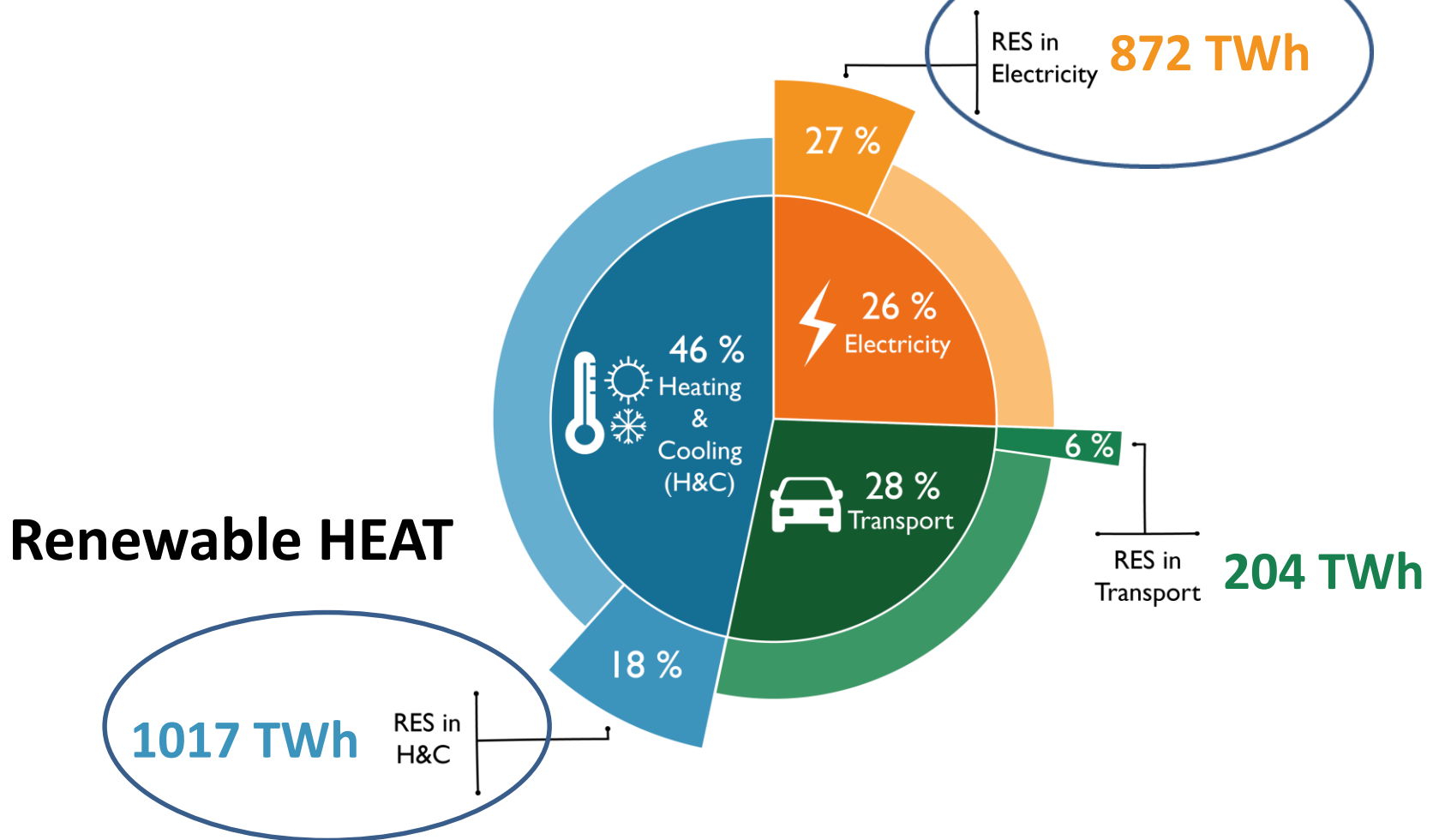


**Europe is world leader  
in Heating and Cooling;  
Jobs in work forces and  
research are local jobs,  
which are not easily  
moved abroad.**





# More RES heat than RES electricity



EU28 Sector's shares on total generation (inner ring) & RES shares for each sector (outer) for 2014

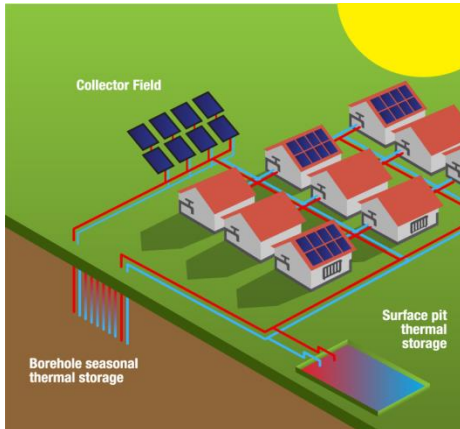
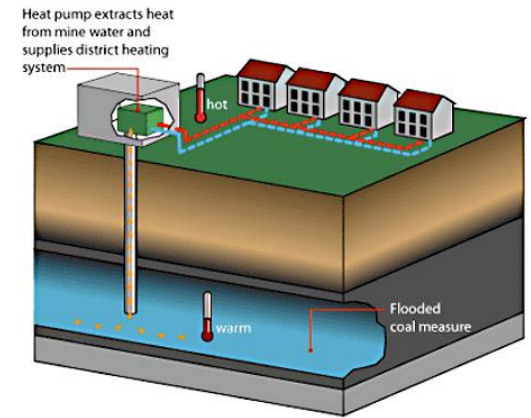
© ESTIF 2016  
Source; Eurostat data for 2014 (SHARES)

# Tipping point

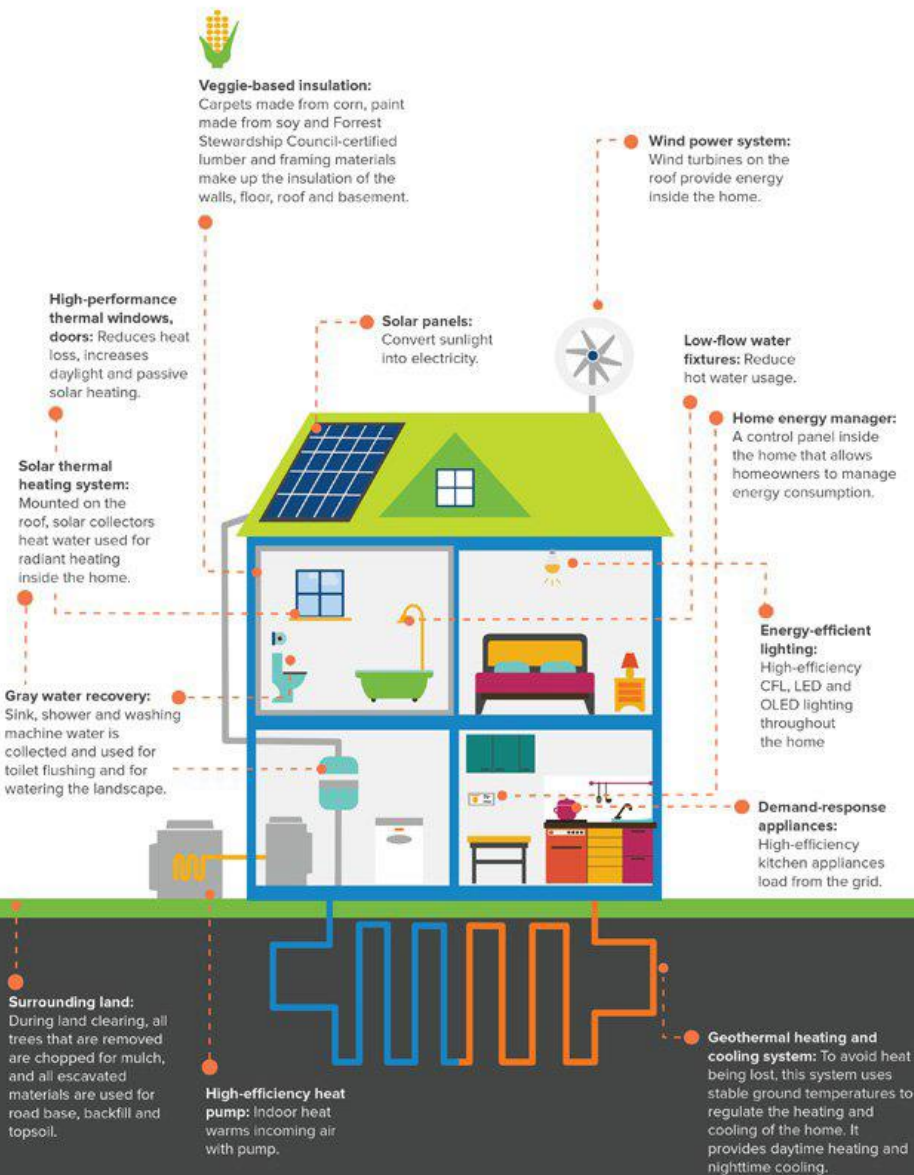




# Heating and Cooling ready to deliver



# INSIDE THE NET-ZERO HOME



Only 2 refurbishment cycles left between now and 2050

Boilers last 20 years

Avoid locking in fossil fuels

A woman with blonde hair tied back, wearing a dark blue jacket, is smiling and looking towards the camera. She is working on a complex system of copper pipes and electrical wires. The background shows a white wall with various pipes and wires. The text is overlaid on a dark blue background.

**National policies should think of the future but also how current generations can benefit from the opportunities of the energy transition**





- set the tipping point; stop funding high carbon investments with EU money;
- make clear to the public fossil fuel use will no longer be acceptable;
- invest in renewable thermal storage and mini-grids;
- develop a long-term strategy which underlines the urgent need for uptake of Renewable heating and cooling and thermal energy efficiency;
- and deliver a balanced approach, so that all renewable options can succeed.



**Thank you**

# Gas demand 5 to 6 times > electricity

