

# Vision2050 for the EU 27

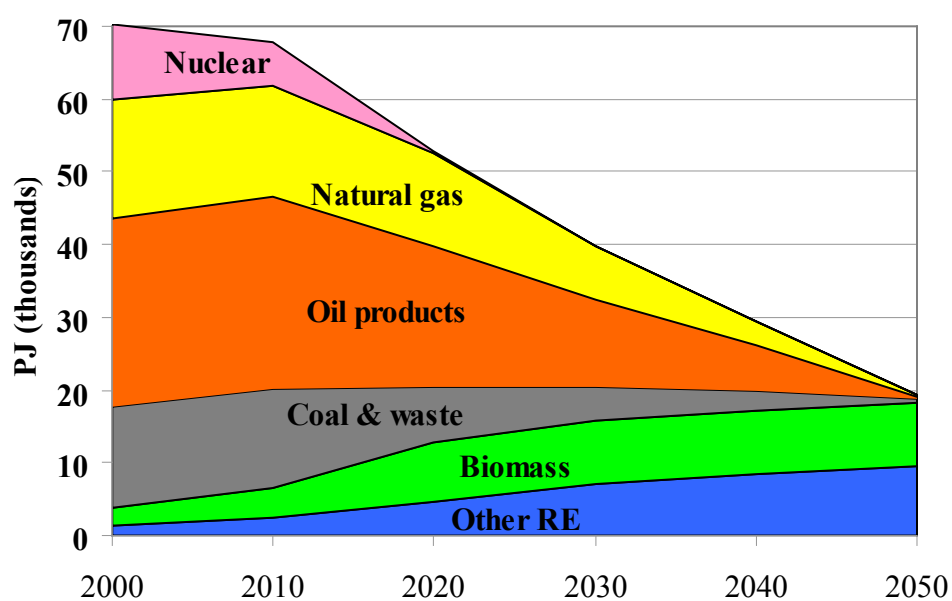
A 72 m<sup>2</sup> solar thermal collector provides hot water to 24 homes in Hjortshøj, Denmark.



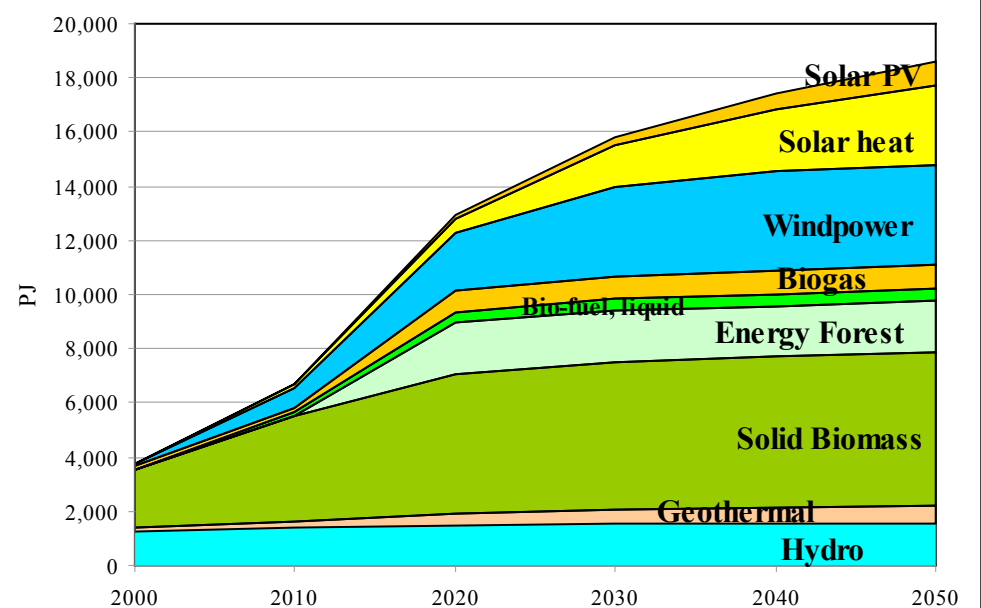
**Vision2050** is INFORSE's campaign for a global transition to renewable energy by 2050. We have developed visions for the EU25 and for several individual European countries, decade by decade by decade through 2050. These visions combine realistic growth of renewable energy, a high priority for cost-effective efficiency and a sustainable transport vision.

The Vision2050 for the EU27 follows the EU's own target of 12% renewable energy by 2010 and the NGO-proposed target of 25% renewable energy by 2020. In the Vision, the share of renewable energy by 2030 is 35%, and 65% in 2050.

**Total Primary Energy Supply, EU-27**



**Renewable Energy Supply, EU27**



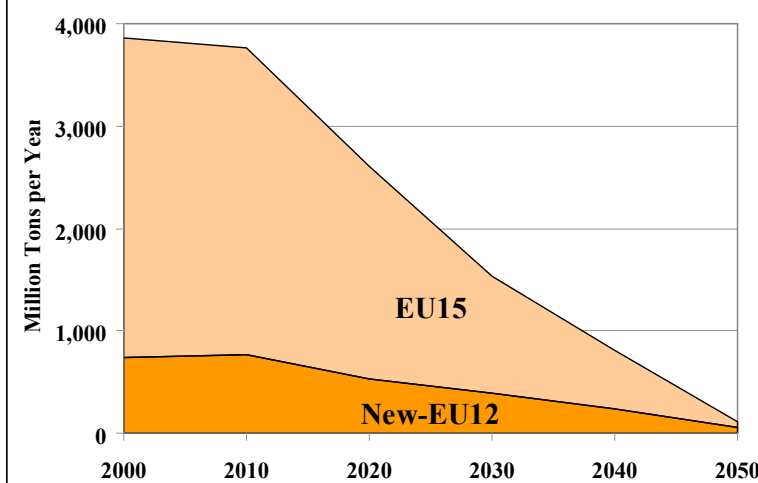
## Factor 4 Energy Efficiency

By 2050, it is possible that we will have increased the efficiency of our energy use in the EU by a factor of four or more.

If new generations of equipment boast ever-better energy performance, the factor four target can be reached in less than 50 years, based on normal turnover of equipment. Large-scale use of the efficient products will make them cost-effective.

The drivers needed to realise this are consumer awareness and market regulation. Vision2050 incorporates this market growth and increased consumer uptake of energy efficient solutions.

**CO<sub>2</sub> Emissions, EU-27**



**INFORSE-EUROPE**  
International Network for Sustainable Energy

Read about European visions at:  
[www.inforse.org/europe/vision2050.htm](http://www.inforse.org/europe/vision2050.htm)

Offshore wind park producing electricity in Denmark

