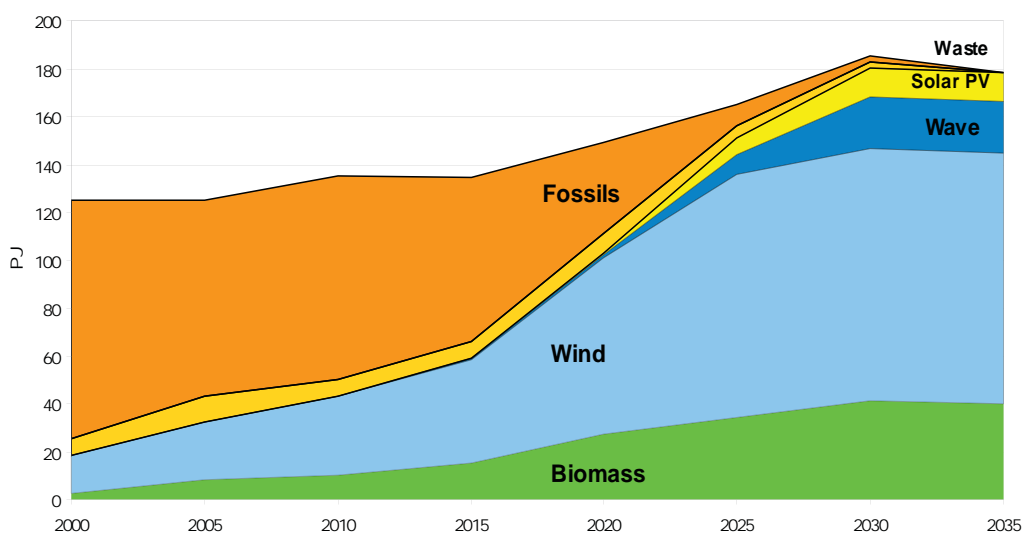


Sustainable Energy Vision 2030 Denmark

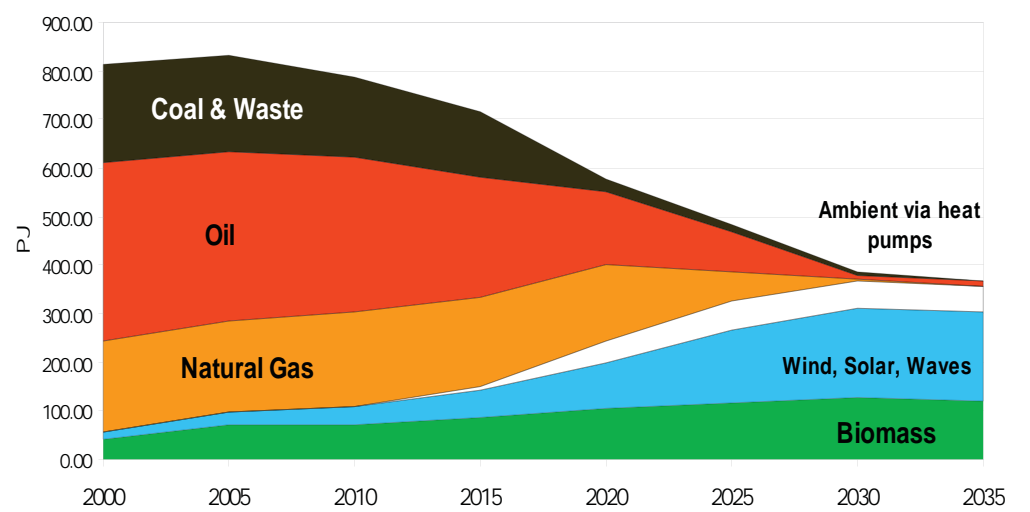


29% of the hot water in Marstal, Denmark is supplied by 18,365m² of solar-thermal collectors.
Photo: Ide Seidelin, Ærø

Denmark's Electricity Supply



Denmark's Energy Supply



An Ambitious Vision for Denmark

Denmark is recognised worldwide for its sustainable energy solutions. In 2010, 15% of energy consumed in Denmark was derived from renewable sources (waste not included), up from 5% in 1996. At the same time, gross energy use for domestic purposes has been stable in spite of continued economic growth. This is largely due to improved efficiency. As one of the richest countries in the world and one of the largest CO₂ emitters per capita, Denmark is in a good position to embark on a fast transition to 100% sustainable energy.

Danish INFORSE members use the Sustainable Energy Vision to show how a transition to sustainable energy can be made in as few as 20 years. This is in line with the members' positions and follows Danish debates on the benefits of a 100% sustainable energy supply. It also follows the plans for large expansions of windpower, biogas, energy forests and others, and a new recognition that the Danish power systems can include up to 80% varying power, with adequate regulation and new, flexible demands.

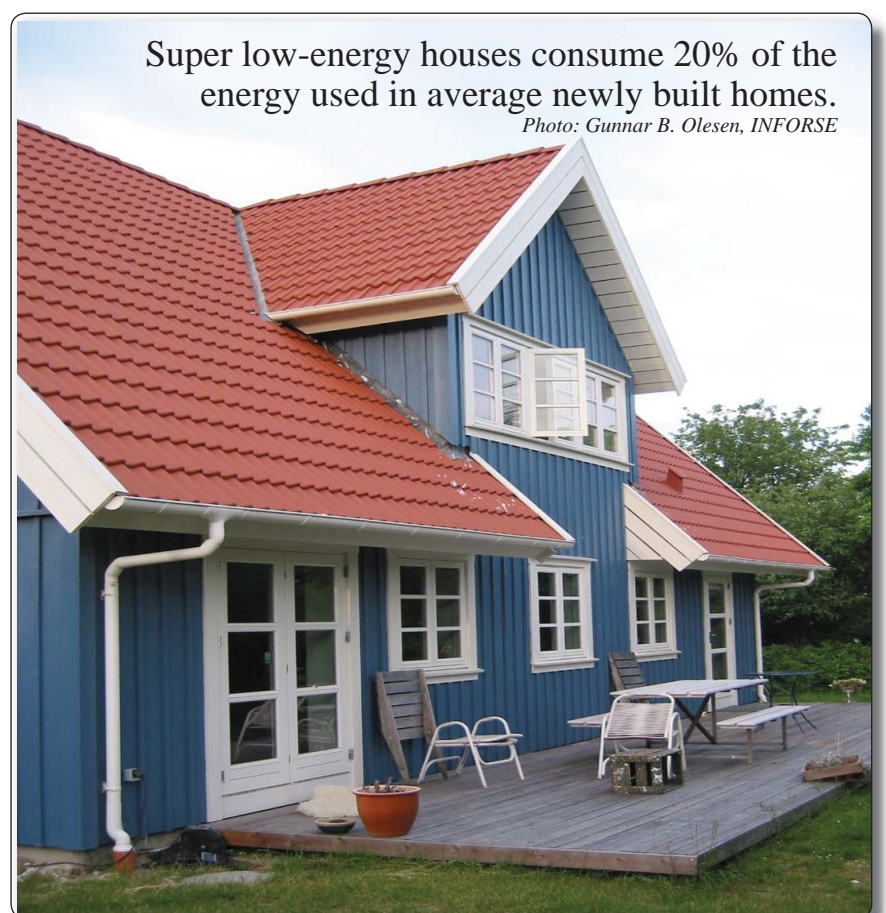


Photo: Mads Eskesen, Denmark

INFORSE

International Network for Sustainable Energy

Read more on our website at:
www.inforse.org/europe



Super low-energy houses consume 20% of the energy used in average newly built homes.

Photo: Gunnar B. Olesen, INFORSE

Photo: Gunnar B. Olesen, OVE