



The Electricity Sector

The Practicable Sector

Wind Energy Mature Technology

The barriers for a switch-over to renewable energy is a combination of numerous factors. A vital part of a renewable energy project is obviously the economy.

Since the wind energy technology is the most mature of renewable energy technologies, it is only natural that Samsøe has quickly reached the level of self-sufficiency of electricity. See information on the 11 wind turbines now erected.

Not Only a Matter of Self-sufficiency

The goal for Samsøe is more than reaching a state of self-sufficiency of energy. It is also to demonstrate a number of technologies which together give a picture of the state of the art of the renewable energy sector.

A small combined heat and power plant based on

landfill gas has been established. The possibilities to establish a larger installation of same nature is being looked into.

Ongoing planning of establishing one or more bio-gas plants primarily based on manure shows the interest taken in this field.

Future individual renewable energy solutions will include photovoltaics. An ongoing dialogue between the energy organizations, clients and builders involved in establishing new buildings on the island should be seen as an overall ambition of applying new ecological solutions in the building sector.

When the offshore wind farm is on stream, the infrastructure needed for a wave energy project is available. Results from ongoing research and development in this field is being followed closely with Samsøes wave energy potential in mind.

