

Samsø, Denmark

1. Science and research dwellings
2. Biogas/transport project

Project description on the island

Samsø is the official Danish energy island and the island has a long term plan where a 100% self supplied energy system already has been established. Samsø is today producing more energy than the island is consuming. Next phase is about implementation of smart grids and use of biomass in energy generation.

Partners

- Region Midtjylland/ Erhvervs- og Byggestyrelsen
- Samsø Offshore company
- Samsø Municipality
- Plan Energy (ingenueer company)
- Arkitema (arkitekt company)

Targets of the project

1. To establish 12 dwellings for scientists and researchers. Passive house standard and Cradle to Cradle® building materials.
2. Establishment of a central biogas plant to utilize biomass from all available resources such as waste, farm manure, bio energy crops

Innovation and value of the project

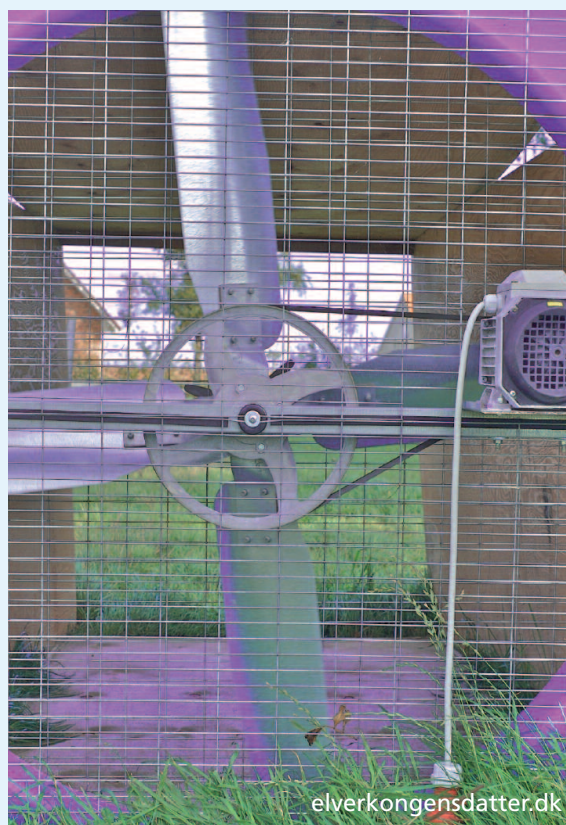
The previous experiences of Samsø are so positive that this alone is a showcase. The next phase is therefore an even better chance for development of knowhow and demonstration. Cradle to Cradle® is part of this sustainable thinking and will be part of the planning of new buildings and installations as well as the use of resources on the island.

Start and end date of the project

January 2009 - Summer 2012

Project leader

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elverkongensdatter.dk

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"Samsø is a valuable showcase and the project in version 2,0 is even more interesting. Samsø is by this project a modern energy community and it is gaining respect from the international networks."

Søren Hermansen
 Director of Samsø
 Energy Academy



WATER



ENERGY



MATERIALS