

communities

=

commons

+

communities

+

Fælledskab

=

Fælled

+

Fællesskab

SAMSO: THE ENERGY SELF-SUFFICIENT ISLAND

The first island to become completely energy self-sufficient in 10 years?

11 ONSHORE WIND TURBINES

1 turbine generates enough electricity to power **630 houses**.

The turbines transmit electricity to the mainland when more electricity than the island can consume is generated.



OFFSHORE WIND TURBINES

10 103m high offshore wind turbines constructed in 2003 produce more energy than the island uses for transport



3 x STRAW FIRED PLANTS

-  Tranebjerg
Heats **263** households
-  Ballen / Brundy
Heats **232** households
-  Onsbjerg
Heats **76** households

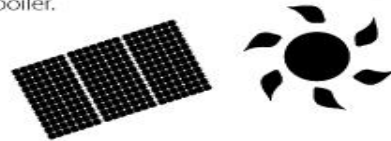


SAMSO: ISLAND FACTS

Area:	114 km ²
Population:	4,000
Investment:	DKK 368 million

SOLAR PLANT

One of the heating plants receives heat from **2500 m²** of solar panels. This is combined with a **900 KW** wood chip fired boiler.



EXCESS ENERGY

Excess electricity produced from offshore wind farms is invested in new energy projects.



11 1MW onshore wind turbines

generate 28,000 MWh, that's more electricity than the island's total consumption and the equivalent of 690,000 gallons of oil.







Bæredygtighed?



sustainability

=

sustain-

+

ability

+

Hvordan definerer
du dig selv-
Hvem er du
?



In the center of Denmark







Fælles interesse

Forskellig grund

Jeg er begrænset
af.....

Jeg har brug
for.....



















Find the
"blacksmith"







De Nordiske Fællesskaber



New Nordic education for sustainability



NORDISK BÆREKRAFT

course #2 :: 2016

Øko-penge til Samsø strømmer ind

Aktieselskabet Samsø Økojord har kæmpe succes med at indsamle penge



Biogas 20/20

BioGas2020 

Interreg
Oresund-Kattegat-Skagerrak
European Regional Development Fund 

THE PROJECT

ACTIVITIES

NEWS

EVENT

PARTIES

CONTACT



SUSTAINABLE DEVELOPMENT OF BIOGAS

Together we create a Scandinavian Biogas platform

Biogas2020 working to Scandinavia will be the best in the world in the biogas - it contributes to a sustainable society and creates new jobs. To achieve this is our main goal to develop a Scandinavian platform where players can grow together.

[Read more](#)



Færgerute mellem Samsø og Aarhus

Job i Aarhus – bolig på Samsø

[Forside](#) ▾

[Aktie tegning](#)

[Tegningsblanket](#)

[Galleri](#)





European smart islands network



Creating new pathways
for EU islands

28
March
2017 | European
Parliament

1 Signing
Ceremony

12 co-host
MEPs

300 Islands

Capacity

**Minds on the
margin are
not marginal
minds**

communities

=

biodiversity

+

people

+

bread and butter





Samsø Energiakademi
www.energiakademiet.dk

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Heroes of the Environment

TIME



SPECIAL REPORT

Our annual celebration
of the people who are
changing our world

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