INFORSE-Europe Sustainable Energy Seminar August 21-24, 2017 Nordic Folkecenter for Renewable Energy, Denmark



International Network for Sustainable Energy

Transition Towards Sustainable Energy – Samsø, Denmark by Søren Hermansen; August 21, 2017 Samsø Energy Academy



See the Program and the Proceedings at: http://www.inforse.org/europe/seminar_17_DK.htm







Samsø A Commonity

Commonity = Common + community



A sustainable island?



NGO´s



On behalf of the community.....

- A lot of meetings......
- A lot of responsibility
- Very little backup
- Declining memberships
- A posible position as chair for the organisation
- A strong position for own ideas
- Access to limited ressources



A strong, sustainable and robust community must share locality, activity and mentality!





Our positioning of the chairs determines the functioning of society.

Ownership



Single year

instalations

Offshore White the site of the second second





Samsø investerer

- Vind- land plus hav
- Fjernvarme, sol
- Infrastruktur/færge/bile
 r
- Varmepumper, sol, besparelser m.m.

- 292 millioner
- 60 millioner
- 200 millioner
- 40 millioner

- Ialt omkring 592 millioner kroner /
- 85 mio EUR



DANISH Samsø gets the world's first biogas-ferry



Samsø will be free of fossil fuels by 2030. The municipality has decided that the island's new ferry, SamsøFærgen, will be the first in the world to sail on biogas. It is part of the municipality's plan to be free of fossil fuels by 2030. Already in 2007, the island was self-sufficient in renewable energy.

"The special thing about it is that it will be the EU's first gas ferry. Initially, we'll be supplied on the gas from tank, d.asp?ld=17263&Titel=Sams%F8+gets+the+world%27s+first+biogas%2Dferry','540','420','0','1','1') on it becomes the world's first biogas ferry,







In the center of Denmark







To make regional decisionmakers able to plan for the future we need:

- reliable policy
- brave politicians !!!!!!
- longterm framework and targets
- reasonable budgets
- bankable projects
- local individual action plans strong community networks



An experiment does not have to be perfect experiments can open the way for something radically new.

On global warming, world seeks "Viking leadership"

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SAMSO, Denmark-- It's an out-of-the-way place that takes some getting to, but the little Danish island of Samso -- a 20-mile-long squiggle of farms and tidy villages -- is providing answers to some of the biggest questions facing our warming world.

Samso's residents have already found ways to reduce their greenhouse gas output to effectively zero.

They haven't done it using magical new technology, they've used what they have readily available; power from the wind, power from the sun and power from crop waste.

Earth's hot streak continues for a record 11 months

<u>New Nordic education for</u> <u>sustainability</u>



Biogas 20/20



THE PROJECT ACTIVITIES NEWS EVENT PARTIES CONTACT

Q

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



European smart islands network



Creating new pathways for EU islands

28 Aardh 2017 Parliame

Signing Ceremony 2 co-ho MEPs

300 Islands



Australian consortium launches worldfirst digital energy marketplace for rooftop solar

Pilot program will allow homeowners to tap into a network of 'virtual' power stations made up of smart grids of rooftop solar and batteries



Bread and butter



