



Samsø - Denmark's Renewable Energy Island 

Renewable Energy Island

A 10 year development plan
 towards
 100% Renewable Energy

Sustainable Energy Policy Seminar
 October 1-5, 2007
 Samsø, Denmark
http://www.inforse.org/europe/seminar07_samso.htm


 International Network for Sustainable Energy - Europe

www.veo.dk





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Background and Policy

- Survival of the island
- New strategy
- More jobs
- Local economy
- Independence
- CO₂ neutral
- Energy Democracy
- Local Action !!





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Samsø

- Samsø in Denmark. In Europe. In.....

Samsø data
 112 km²
 4.300 inhabitants
 Activity:
 Farming
 Tourisme
 Renewable Energy





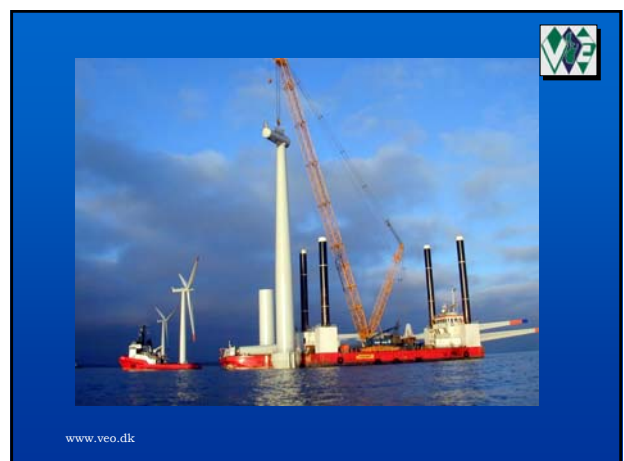
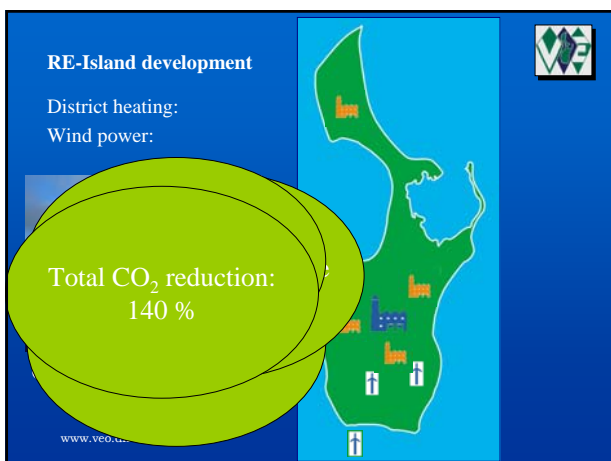
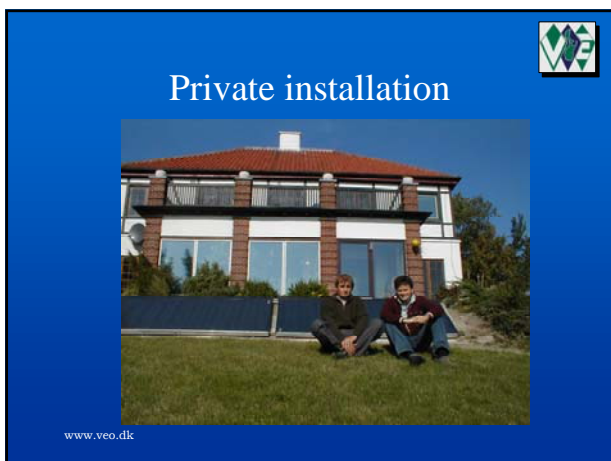
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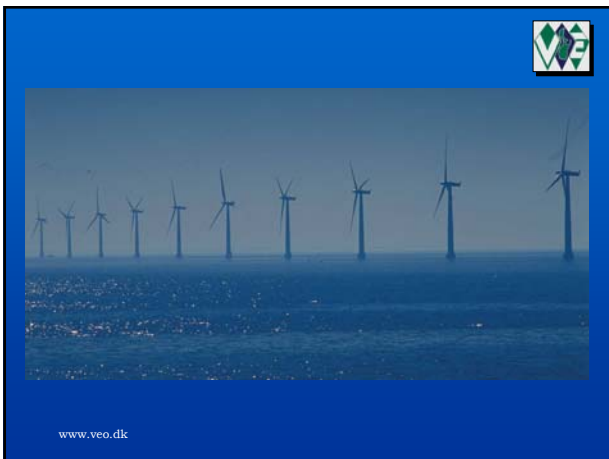
Local Activity





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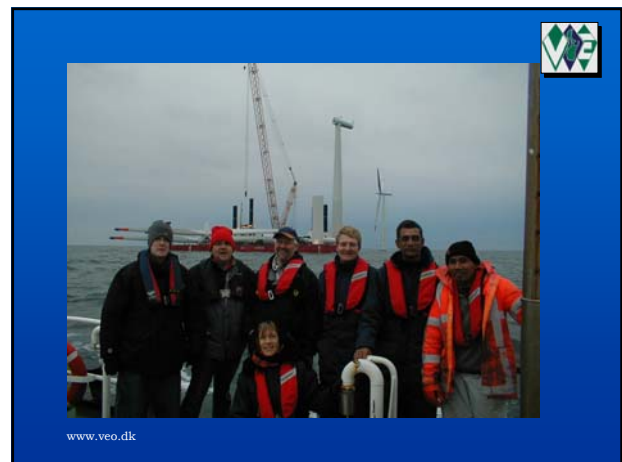
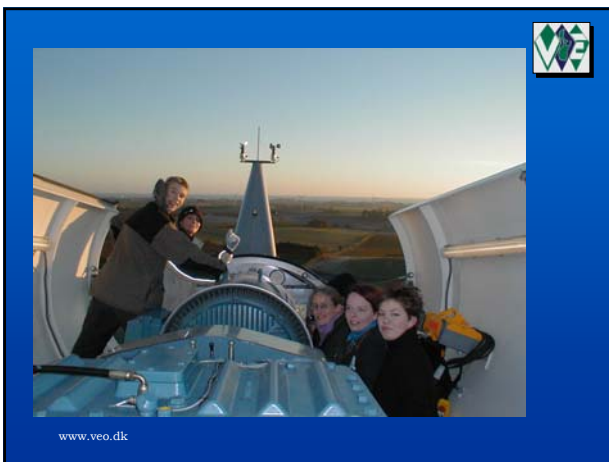


Individual planning
Common opportunities

- *Each "island" has an individual RE plan*
- Planning is a public tool
- Local resources is used
- Local business is involved

- **RESULT**
- More challenging jobs
- Better local economy
- Local capacity building
- CO₂ reduction


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INFORSE-Europe Sustainable Energy Policy Seminar, October 1-5, 2007,
 Energy Academy, Samsø, Denmark
 Evaluation of the Samsø RE-energy project
 By Peter J. Jørgensen, Plan Energy.







In the four years of construction the total investment in RES and RUE has been 49 mill € 41 mill. from local firms, private households and the municipality.

The dependency on energy-import has been reduced from 7.3 mill € per year to 4.1 mill € in 2003.
30 man year jobs/year in RE
The emission of CO₂ is reduced by 140 %.

The number of "technical tourists" is approx. 1,000 per year, visiting the Energy Academy to learn from our experiences .

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Useful links

- <http://www.wind-works.org/articles/VingesusWhisperofWings.html>
- www.elverkongensdatter.dk
- www.energiakademiet.dk for local action
- www.ens.dk and www.dkvind.dk for law
- www.windpower.dk for technology

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