

UNFCCC COP22 Side-event, Marrakech, Morocco

11 November 2016 - Time: 16:45 - 18:15 Room: Mediterranean

Improving NDCs: Ecovillage Development, Energy Access & Zero Carbon Societies in Africa, Asia & EU.

How can local solutions in South and North lead to ambitious NDCs, provide energy access & improve livelihoods?



Nordic Folkecenter for Renewable Energy – INFORSE-Europe Session: **Transition to 100% Renewable Energy and Zero Carbon Economies with Local Solutions**

- *Transition to 100% Renewable Energy with Local Actors in the Driving Seat. How can community power & other local initiatives contribute as solutions?*

By Preben Maegaard and Leire Gorroño, Nordic Folkecenter for Renewable Energy, Denmark.

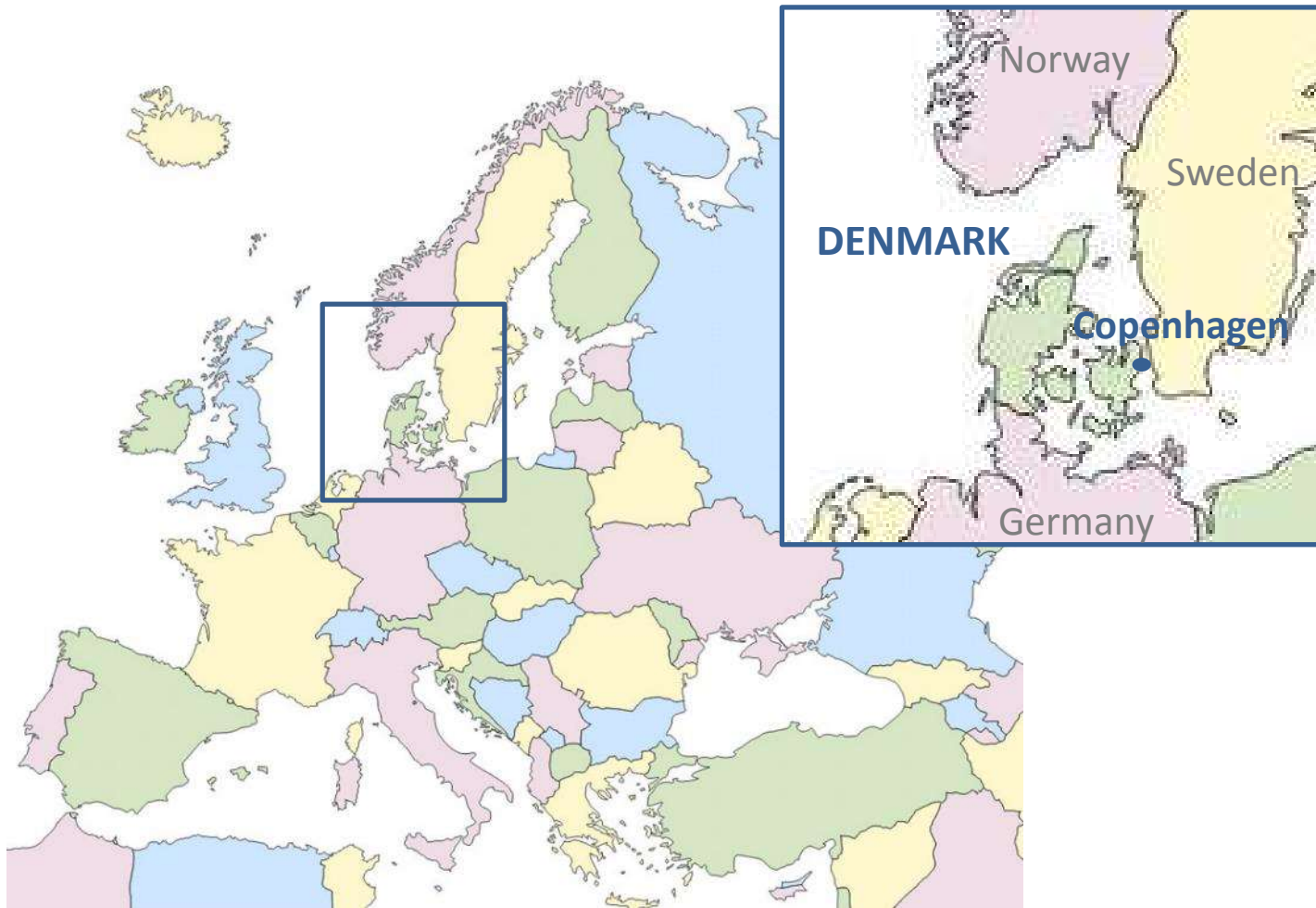
Community Power for the Transition to 100% RE

And for development of local communities,
energy democracy,
local acceptance and
lower energy prices

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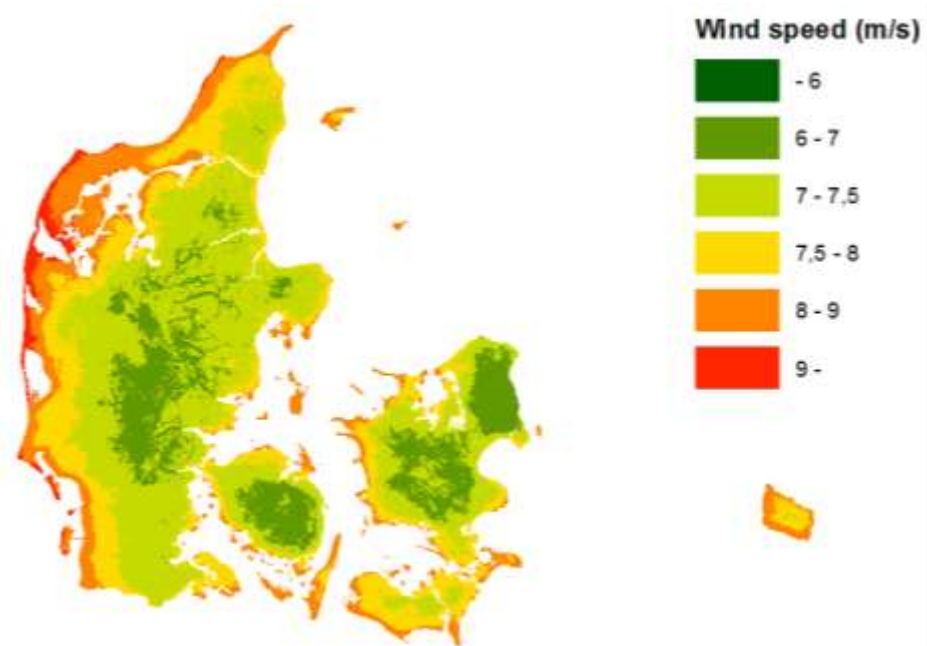
COP22
Marrakech
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Introduction: Denmark



Potential for Local Development

- The areas with the weakest economies are also the ones with the best wind conditions.
- Income from wind can be used to satisfy the needs of local communities –e.g. improvement of infrastructure, creation of new jobs, finance for local schools, to provide support for local organisations, for environmental projects, local public e-transport, etc.



The Case of Hvide Sande

- Ringkøbing Municipality
- 3,077 inhabitants
- Tourism and the harbour are the main economic activity producers.
(approx. 6,000 summer houses)



The Case of Hvide Sande

- Year 2011, 3 V112-3.0 MW wind turbines were installed in Hvide Sande.
- On land owned by the harbour.
- 80% owned by a *Erhvervsdrivende fonde* (community foundation), 20% owned by local residents.



The Case of Hvide Sande

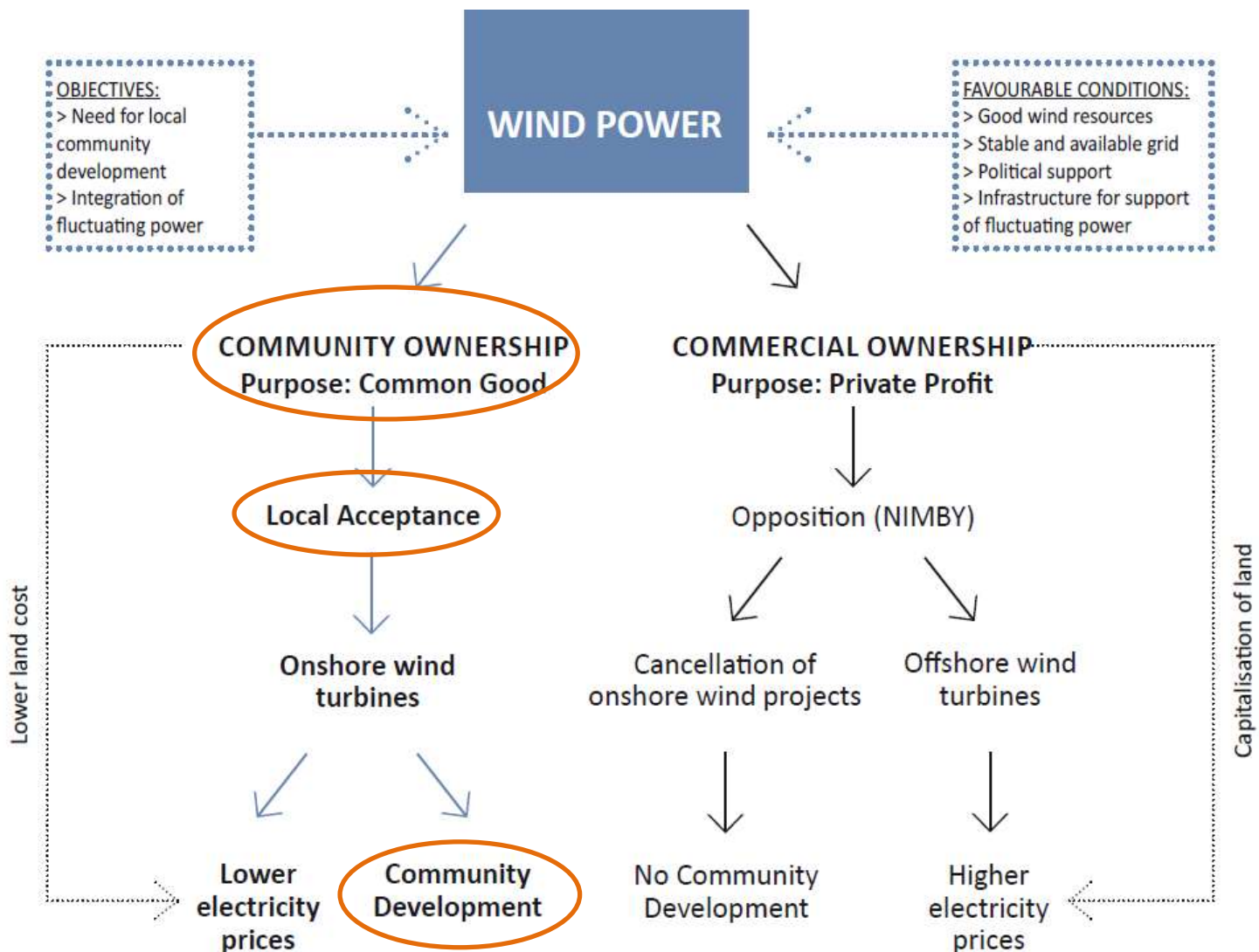


What Do the 3 Wind Turbines Mean for Hvide Sande?

- Hvide Sande Nordhavn will get a land payment of 0.64 million EUR per year over 30 years, i.e. 19.33 million EUR.
- The community foundation will generate additional 16.11-32.22 million EUR to be used for tourism and the harbour project. (Harbour project, 19.5 million EUR)
- 20% commercially locally owned: private income.

Economic stability, development, job creation,
self-sufficiency...

ACCEPTANCE



Community ownership is focused on the objective of using the income generated by renewable energy projects to benefit the residents of local communities, i.e. the main objective is achieving the **common good.** In contrast, the main objective of commercial ownership models is to generate private profit.

Final Remarks



- We have to raise **awareness** about the local development potential renewable energies provide.
- Energy policies must promote **community power** to make the most of the potential for socio-economic benefits of renewable energies.
- It is necessary to include **specific targets** for community power in energy policies
- This will be specially relevant for rural areas.

Communities for RE



RE for Development of Communities



Thank you for your attention


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