

100% renewable energy and the transition to zero carbon societies, an upcoming global movement

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Event's Title: Starting the Transition to Zero Emission Societies



Full Proceedings:

http://inforse.org/europe/conf16_COP22.htm

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100% Renewable Energy is Starting Point for Civil Society

- INFORSE and researchers started work on 100% renewable energy (RE) in the 1990's, and proved the concept
- Demonstration sites, such as islands, popularised the idea
- Civil society against unsustainable solutions: nuclear, CCS and unsustainable renewables
- Majority of civil society, CAN and CJN now supports 100% RE, CAN has a campaign for 100% RE by 2050

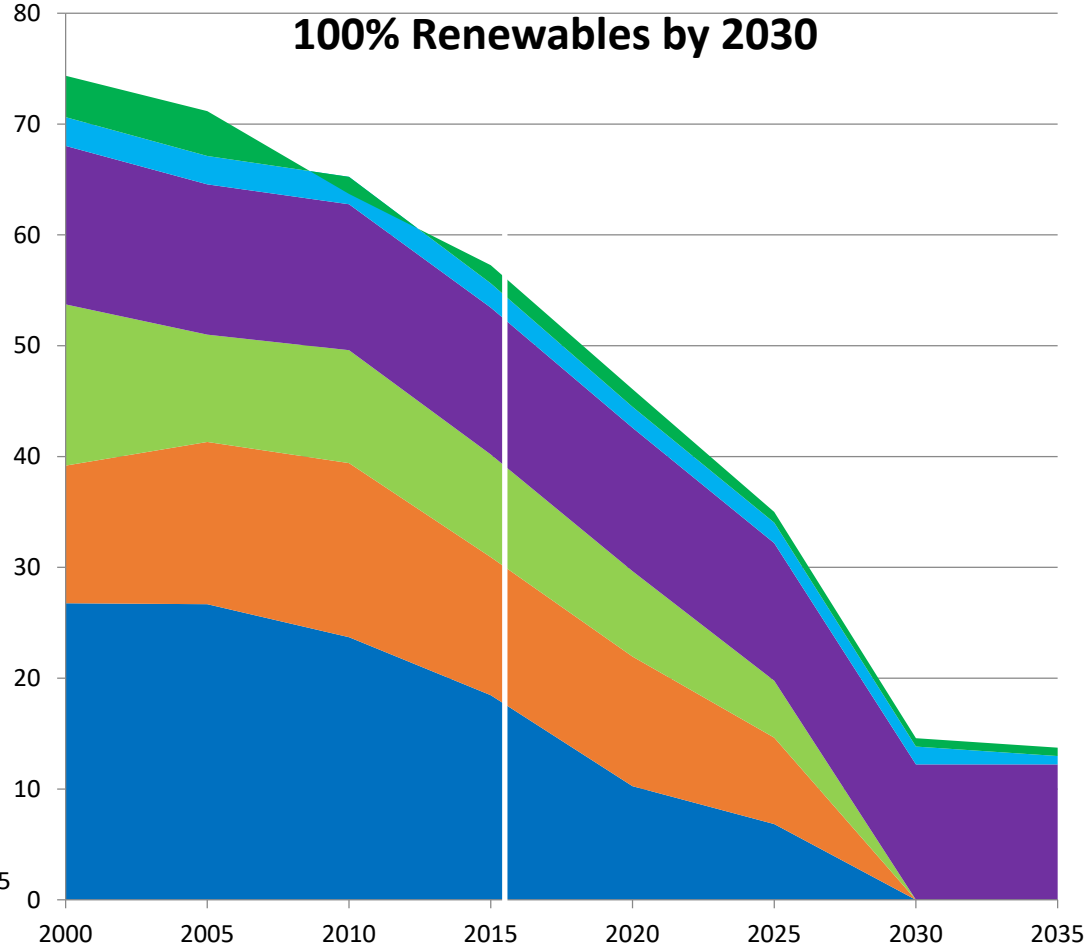
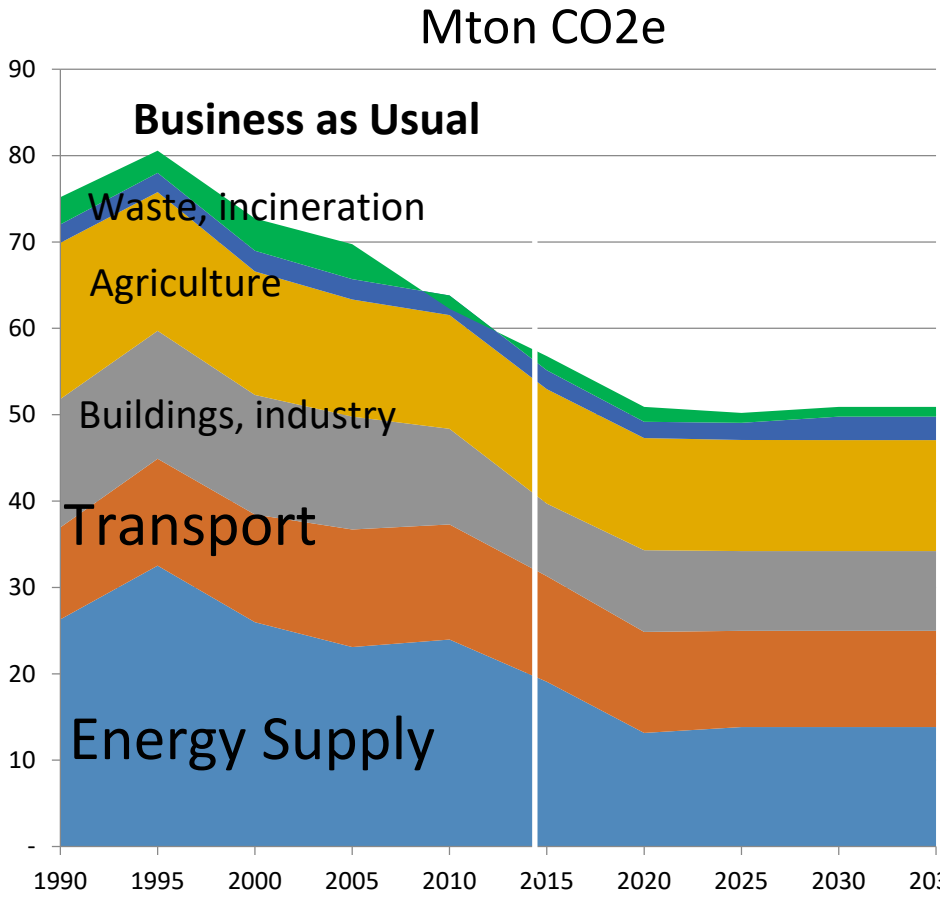


Zero Carbon is the Logical Next Step

- INFORSE organisations, such as CAT and SustainableEnergy in Denmark started with 100% RE proposals, now developing to proposals for transitions to zero GHG emissions societies within 20-40 years
- Cities, islands, and companies also started with 100% renewable energy targets, and some are adding zero GHG emission targets
- Paris Agreement is effectively calling for zero GHG emissions societies in the second half of this century

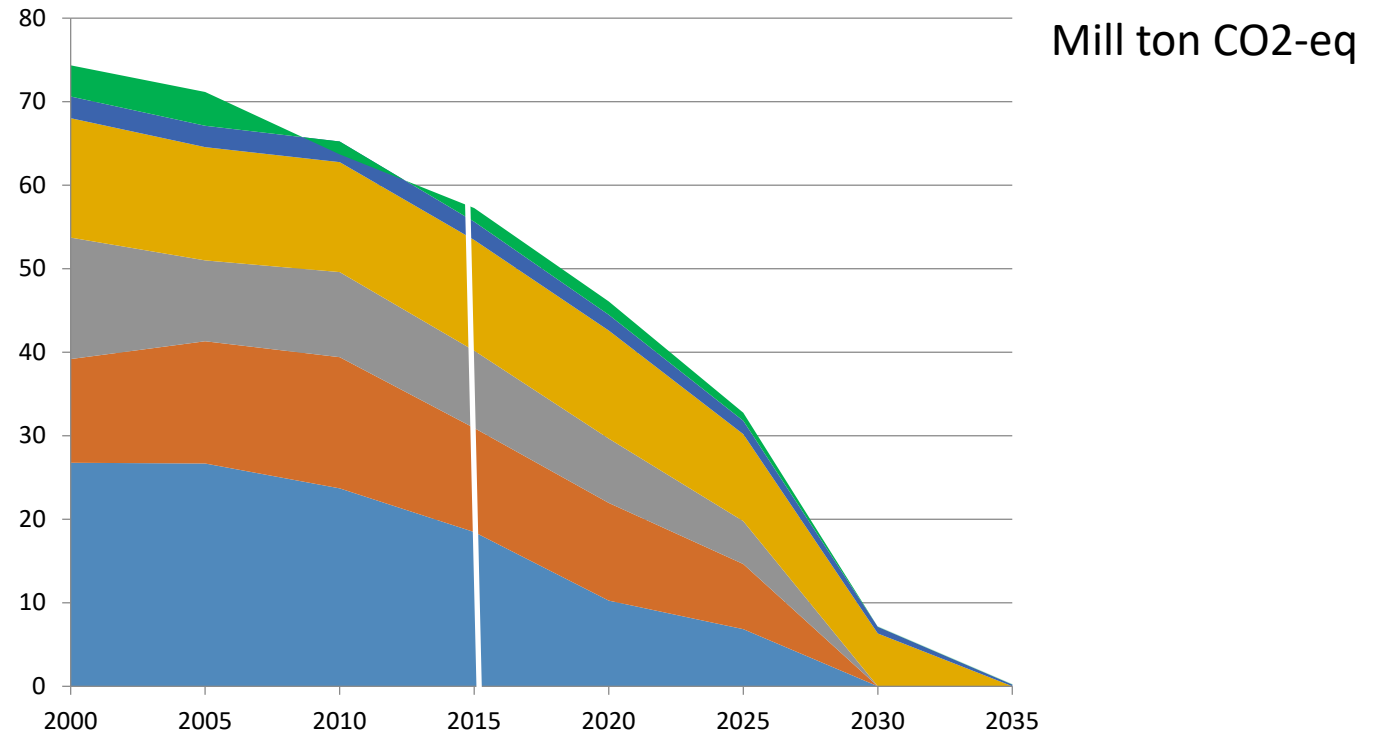


Example: Denmark (proposal by INFORSE-SE)

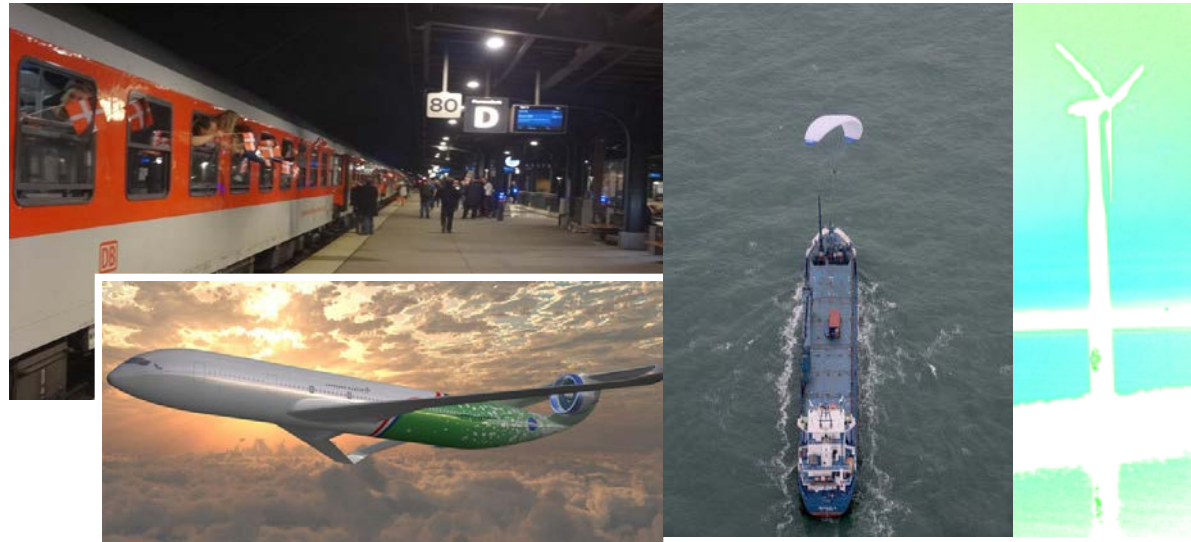


Example: Denmark

**100% RE,
“very green” agriculture,
no incineration
70.000 ha land (1.6%) to
CO2-capture**



Additional: emission reductions in international aviation, shipping, imports



We Need to Build a Movement for Change

- The concept is understood (generally) and the need is obvious
- We need to define the details, agree what to include, and rate the plans: when are we zero carbon (which external inputs are counted?, Exports? Offsets?, do plans include unsustainable sinks?)
- **Very few countries have agreed to it**, and also few others
- INFORSE would like to work with others, to promote zero carbon in national plans, drawing from plans and experiences of cities, regions, islands, companies etc.
- We need to build a global movement





Thank you

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