

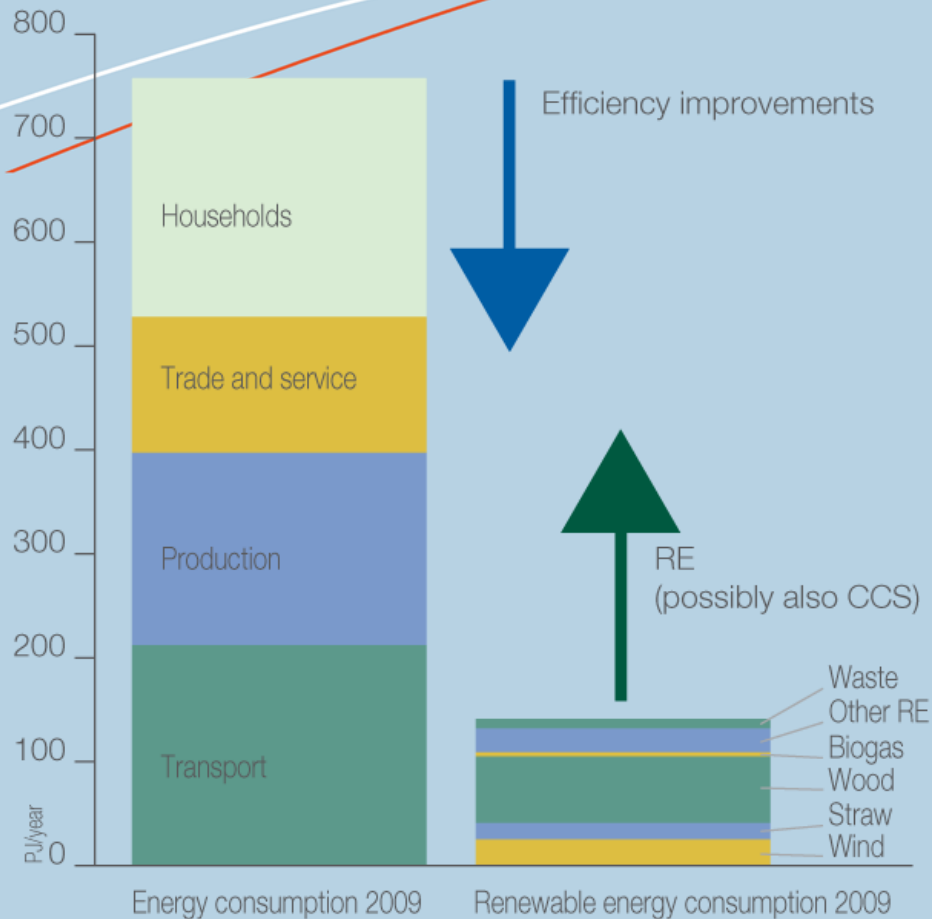


# Sharing experiences of successful policies

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IRENA/GWEC – 13 March 2012

# The Danish target 2050



The challenge is to make these columns approximately the same size...

...by improving energy efficiency

...in order for more energy services to be satisfied with less energy

...based on renewable energy sources

# Share of wind power in electricity consumption



# Danish Energy Agreement 2012

- In 2020 50% of electricity consumption supplied by wind power
- A solid and ambitious framework
- 1000 MW of large scale offshore wind at:
  - \* Horns Rev (400 MW)
  - \* Kriegers Flak (600 MW)
- 500 MW offshore turbines in coastal areas
- Net capacity of 500 MW wind power onshore

# Why has the Danish wind development been a success?

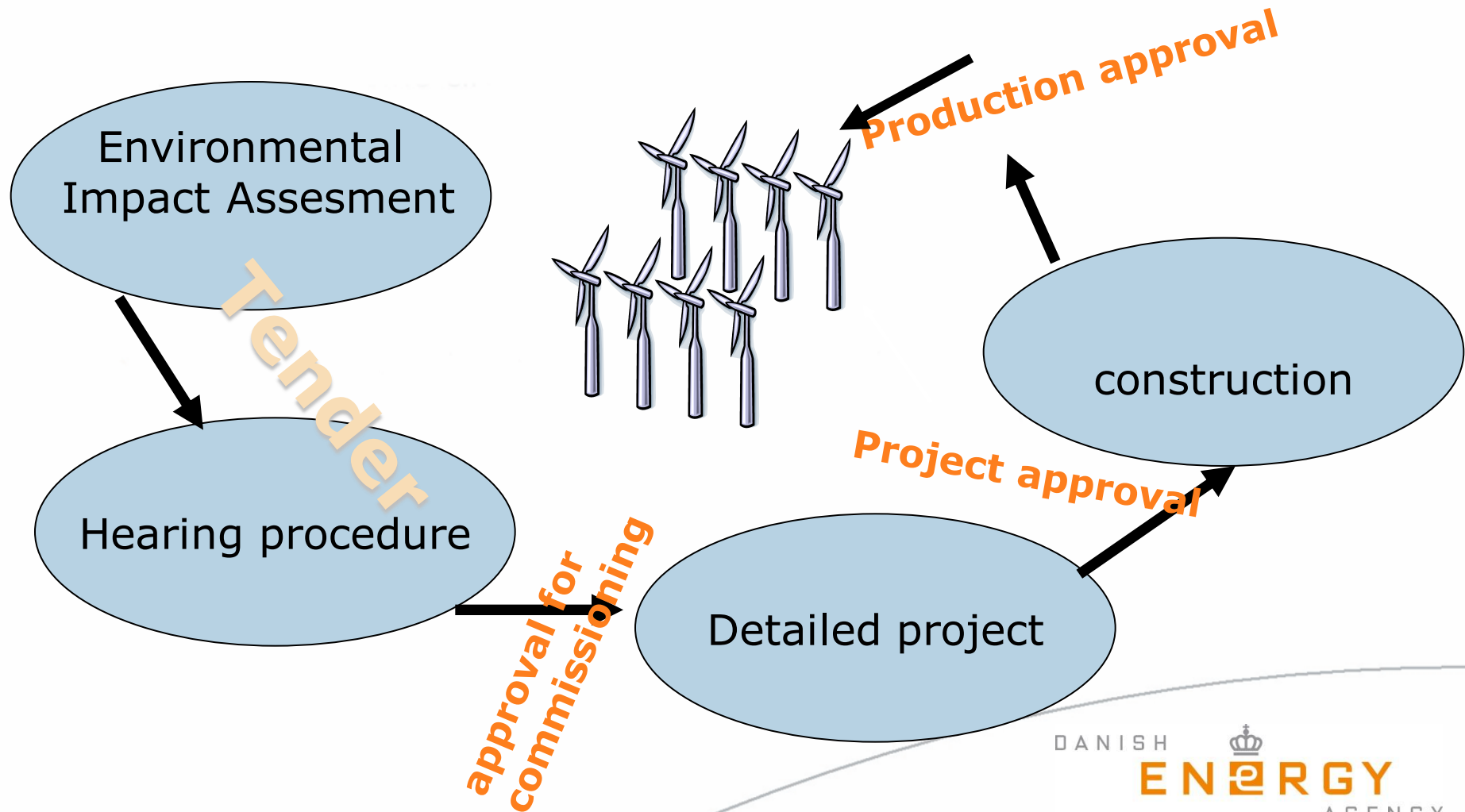
- Firm political commitment
- The planning process and one stop shop
- Production for both the domestic and international markets
- Danish manufacturers in the lead globally
- Bottom-up process to gain local initiative and acceptance from neighbours

# Model for installing offshore capacity

## Tender for large scale farms

- Political agreement
- Dialog with potential bidders
- Fixed feed in tariff for 50.000 peak-load hours
- Fixed/flexible time schedule
- Cable to shore provided by TSO

# One-stop-shop approval process for offshore windparks



# Future challenges

Smart Grids and more flexible usage, such as electrical cars and heat pumps are necessary





Thank you for your attention

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