

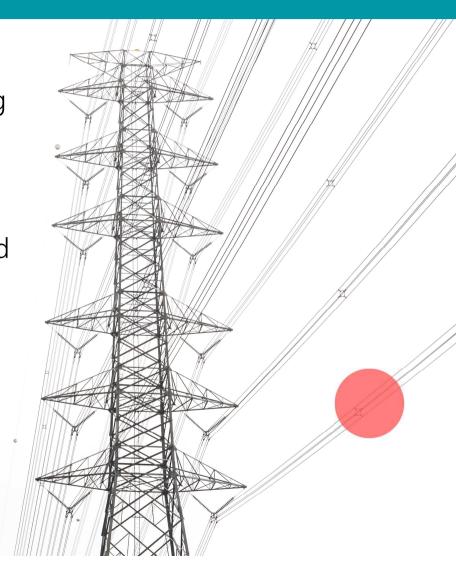
Important elements, setting the agenda

A lot of similarities in history

Green Energy in Denmark

- Like China, Denmark has a fossil past, relying on imported fuels
- Like China, Denmark has wonderful RE resources and a long coastline
- A majority in parliament stands firmly behind an ambitious green transition:
 - By 2030: multiply offshore wind capacity by 5
 - By 2030: multiply onshore wind capacity by 4
 - PtX (upcoming hydrogen auction)
 - Establishing energy islands





Denmark's energy transition

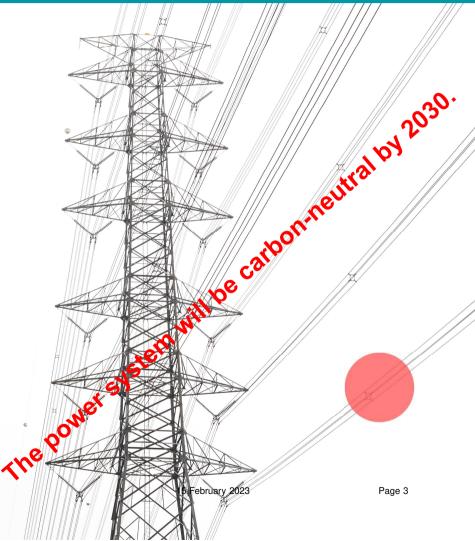
From 99% dependent on imported fossil fuels in in the early 1970's to full independence of fossil fuels by 2050

Climate targets

In 2025,
Danish
emissions must
have fallen by
50-54%,
compared to
the level in
1990

By 2030, Denmark must have cut 70% of its emissions, compared to 1990

In 2050,
Denmark must
be climate
neutral (will be
advanced to
2045 by new
Government)



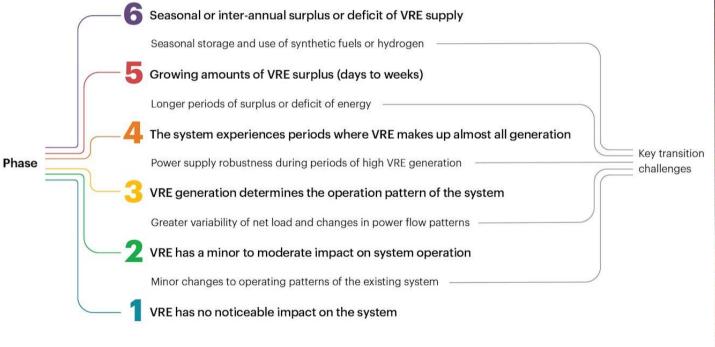


Denmark is leading on integration of variable Renewable Energy

Source: IEA

Experiences of inspiration to many countries

Key characteristics and challenges in the different phases of system integration







Key facilitators

- To accelerate the green transition

- Ambitious policy targets
- Getting consumers engaged (transparency, motivation to move consumption)
- Liberalized and unbundled energy system



The Sino-Danish cooperation on energy transition *Going on since 2006*

Topics presently covered:

- Energy planning, long term scenario modelling (CETO)
- District Heating
- Clean energy (integration of fluctuating RE etc.)

