

LROE for Kriegers Flak DeepWind 2020

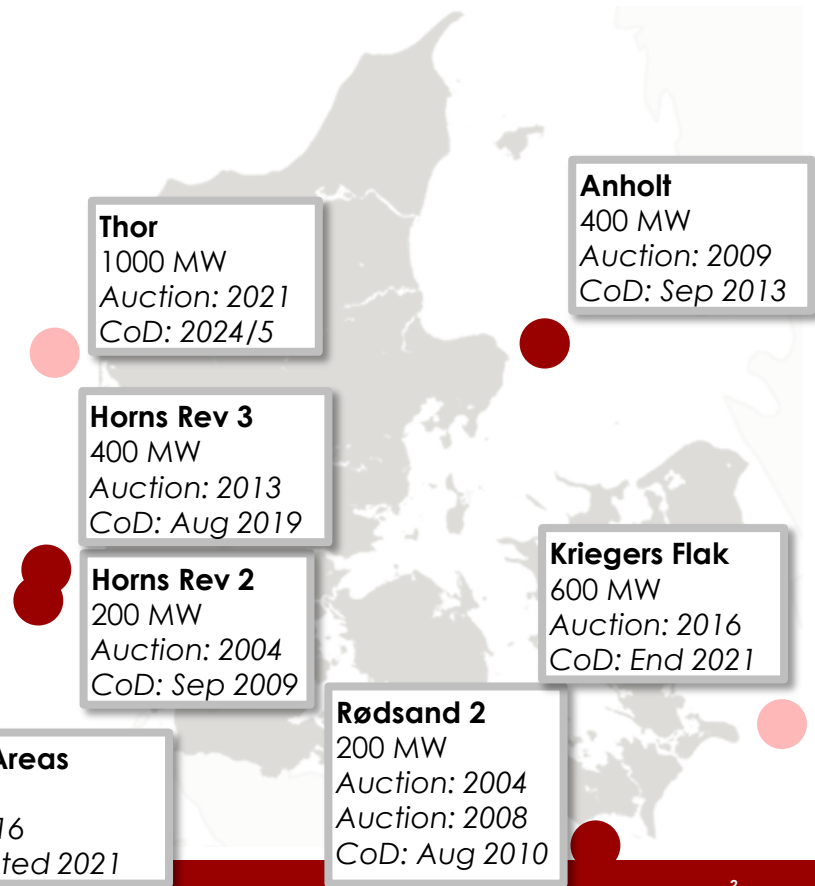
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Offshore wind auctions in Denmark

- First offshore wind support auction in Europe (2004)
- Tenders for guaranteed prices (Sliding premiums/contracts for difference)
- Different rules for each tender, some negotiated
- Thor plus two more GW-size project tenders upcoming (politically agreed)



Offshore wind auction results in Denmark

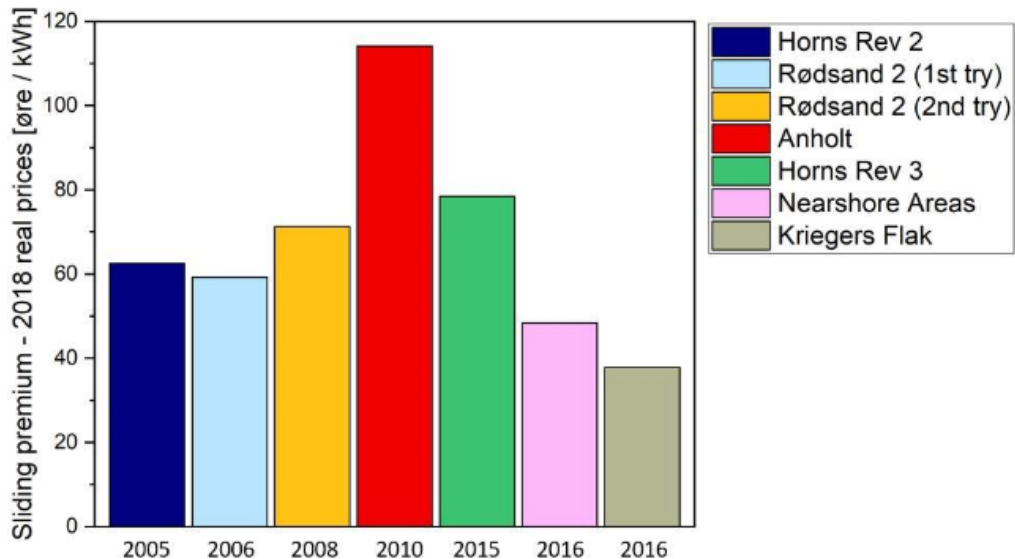


Figure 1. Comparison between the strike prices achieved in the different offshore wind energy auctions realised in Denmark until 2018. The support is provided in the form of a sliding premium tariff and it is presented in 2018 real prices.

Source: Gonzales & Kitzing (2019), [link](#)

- Significant differences in tender results – due to different market situations
- Significantly decreasing price trend in recent years
- We are expecting to see subsidy-free offshore wind in Denmark soon (even including grid connection as in Thor tender?) – but this will also depend on the pricing scheme (design of the sliding premium scheme)

Kriegers Flak specifications

- Distance from shore: 15-25.5 km
- Water depth 15-30 m

- Commissioning year: 2021

- Final investment decision: 2018 (assumed)

- Expected wind turbine size at auctioning: 8-10 MW
- Actual wind turbine size: 10.4 MW

DTU

