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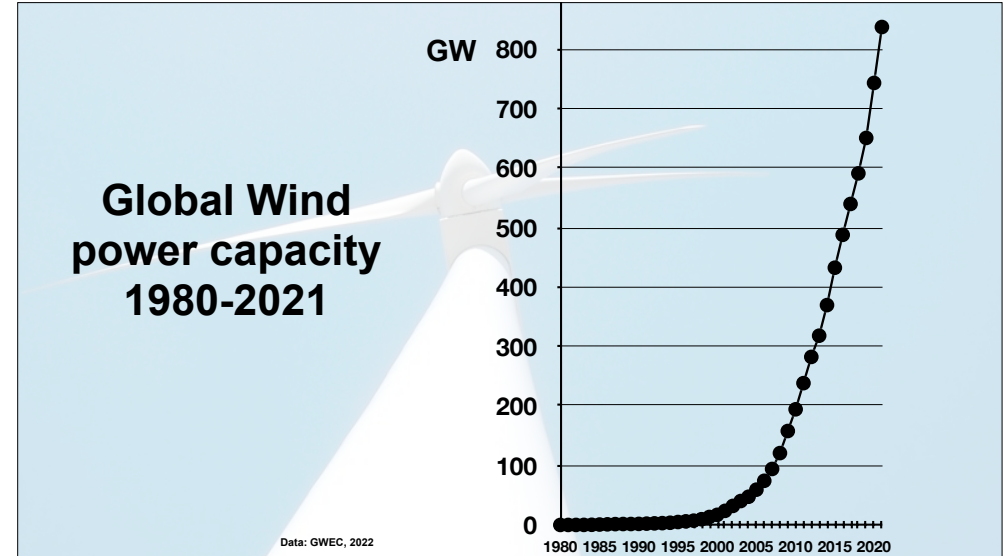
### Workshop The Need for Accelerated Regulatory Reform to Expand Offshore Wind

Print

in Japanese

Japan's offshore wind industry is still in the early stages of development and various reforms are needed to move forward to the next drastic phase of accelerated expansion. In particular, there is an urgent need to conform with the technical standards, conformity assessment, and certification systems for offshore wind power generation with internationally recognized norms.

In this workshop, we will explore how standardization and certification processes can be streamlined and simplified, introduce best practices from Europe, where offshore wind power is at the core of the green transformation, and discuss how these could be implemented in the Japanese regulatory, accreditation, and conformity assessment processes.



## Offshore wind costs hit record low

1k Shares

Published on 06/07/2016, 10:57am

Two 350MW arrays in the Netherlands will supply power at €87/MWh, beating the next cheapest project by miles

By Megan Darby

Dong Energy has set a record low price for offshore wind power in a winning bid to build two arrays off the coast of the Netherlands.

The Danish company committed to supply electricity at €72.70/MWh (US\$80.40), not including transmission costs. The cables will add about €14/MWh, experts say.

That beats an industry goal of bringing costs below €100/MWh by 2020. The closest any rival had previously come was €103/MWh by Vattenfall in Denmark last year.

"It was a result that was well beyond anyone's expectations," said Oliver Joy, spokesperson for the European Wind Energy Association.

## Offshore wind record low

### New record for cheapest offshore wind farm

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The cost of building offshore wind farms has fallen to a new low, with Sweden's Vattenfall winning contracts to build two projects in Danish waters for just over €60 (£51) per megawatt-hour (MWh).

By Emily Gosden, ENERGY EDITOR  
14 SEPTEMBER 2016 - 7:35AM

The costs of offshore wind have fallen significantly in recent years  
CREDIT: BLOOMBERG

**Offshore wind record low**

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Two 350MW arrays in the power at €87/MWh, beat by miles

By Megan Darby

Dong Energy has set a wind power in a winning bid on the coast of the Netherlands.

The Danish company came in at €72.70/MWh (US\$80.44) costs. The cables will be laid in the next few weeks.

That beats an industry average of €100/MWh by 2020. The average bid price for the tender was €103/MWh.

"It was a result that exceeded expectations," said European Wind Energy Association (EWEA) President.

**New record for cheapest offshore wind farm**

**VATTENFALL**

7.33 AM CET / 9-Nov-2016 / Vattenfall (STO:ONOT)

**Vattenfall wins tender to build the largest wind farm in the Nordics**

Today, Vattenfall has won the tender to build Danish Kriegers Flak, a 600 MW offshore wind farm in the Baltic Sea. The winning bid was EUR 49.9 per MWh, which is among the lowest costs in the world for offshore wind power.

"The announcement is an essential milestone for our ambition to increase our production of renewable power. We are already the second largest offshore player globally. The winning bid of EUR 49.9 per MWh proves that Vattenfall is highly competitive and brings down the costs for renewable energy", says Magnus Hall, CEO of Vattenfall.

Kriegers Flak will be Denmark's largest offshore wind farm and can supply 600,000 Danish households with renewable energy – corresponding to 23 percent of all households in Denmark. Vattenfall's investment in Kriegers Flak will be EUR 1.1 – 1.3 billion, pending a final investment decision.

"This is exciting news. I'm very proud of our people in the Wind organisation who once again delivered a winning bid. Vattenfall has won the three latest offshore wind tenders in Denmark; Horns Rev 3, Danish Near Shore and Kriegers Flak, equivalent to the energy consumption of 55 percent of the Danish households", says Gunnar Groebler, Head of Vattenfall Wind.

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**VATTENFALL**

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PRESS RELEASE • WIND • 8 SEPTEMBER 2021 14:00 CET • 2 MIN

**Scandinavia's largest offshore wind farm inaugurated**

His Royal Highness the Crown Prince of Denmark, together with Danish Minister for Industry, Business and Financial Affairs, Simon Kollerup, has inaugurated Vattenfall's new offshore wind farm Kriegers Flak. The wind farm is Scandinavia's largest and will increase Danish wind power production by 16 per cent.

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**First Subsidy-Free Offshore Wind Deal In German Auction, DONG Energy & EnBW Win Big**

April 14th, 2017 by Joshua S Hill

Germany's first competitive auction for offshore wind projects has not only delivered an average bid price that was "far below expectations" according to the Bundesnetzagentur, but also included what is likely one of the world's first subsidy-free offshore wind projects.

NETHERLANDS

**Vattenfall awarded Dutch zero-subsidy site**

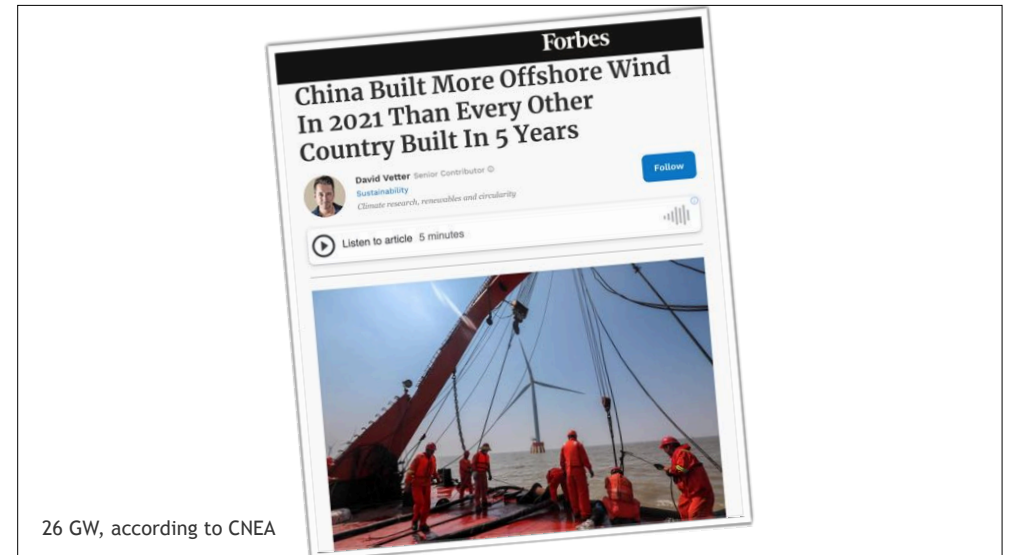
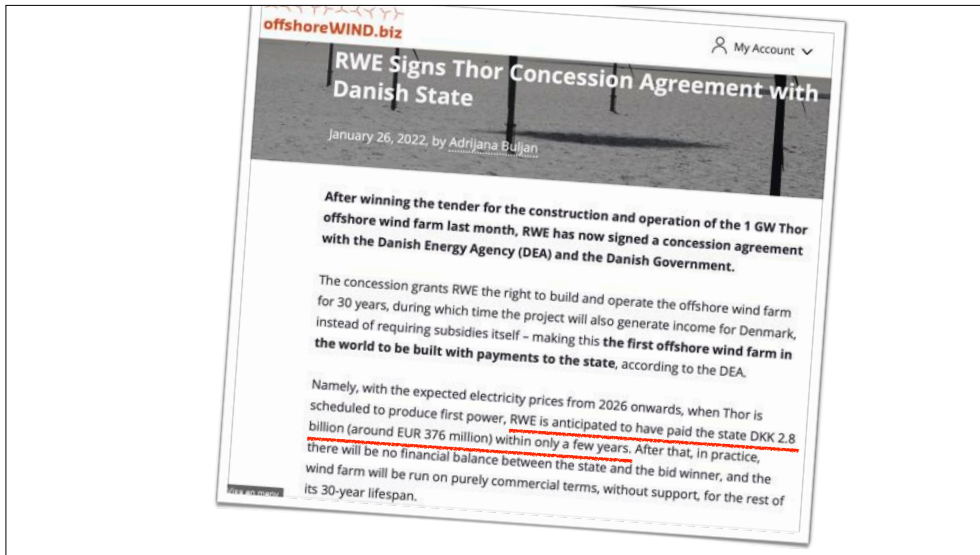
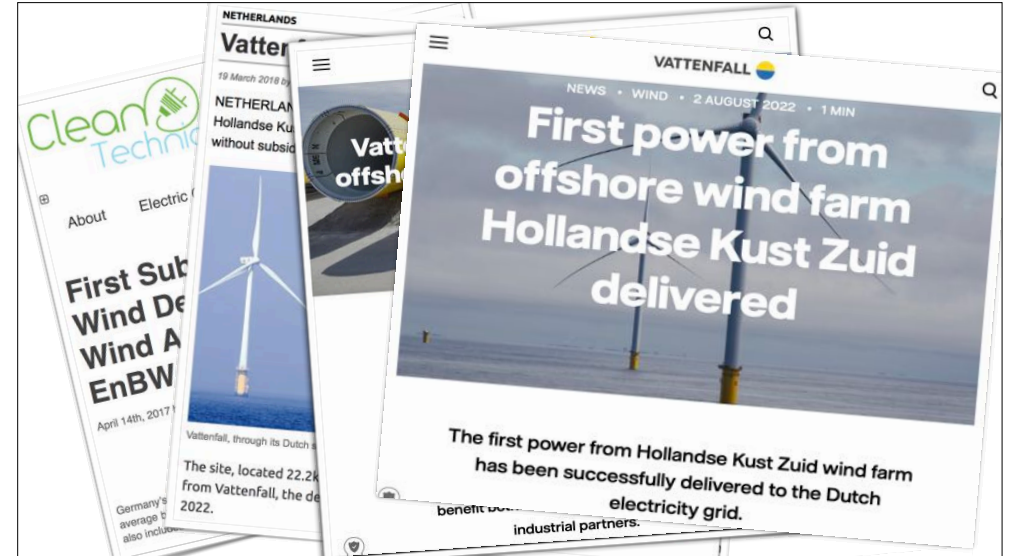
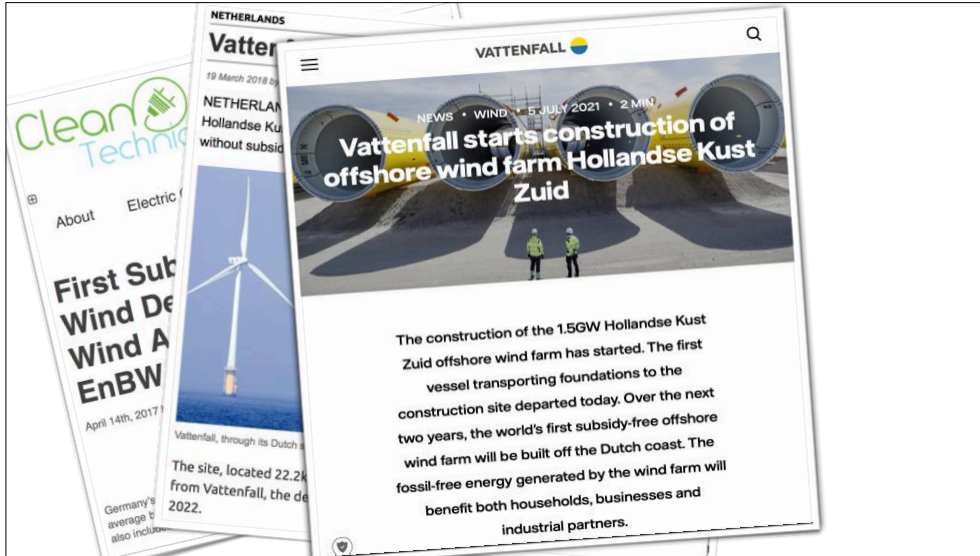
19 March 2018 by David Weston. Be the first to comment

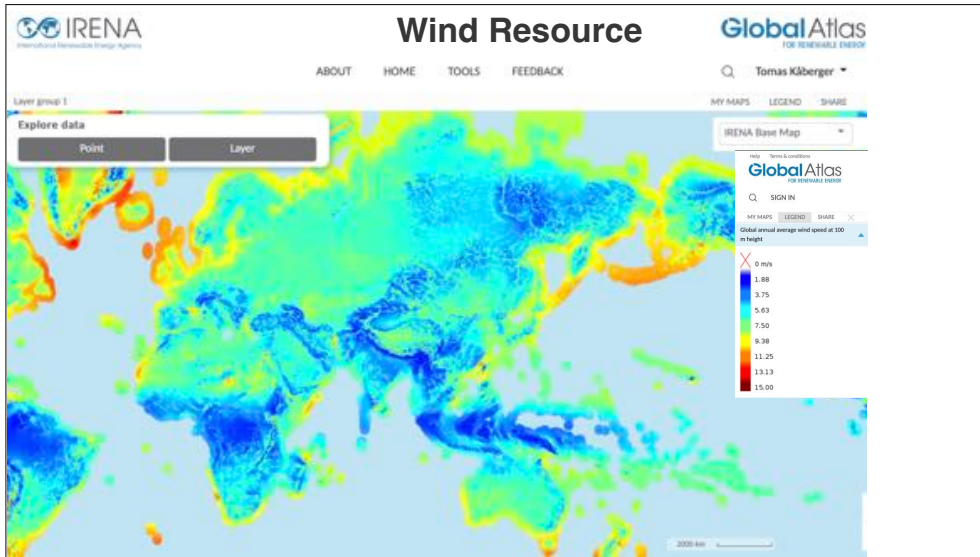
NETHERLANDS: Developer Vattenfall has been granted the licence to build the 700MW Hollandse Kust Zuid offshore wind project in the latest Dutch offshore tender round, without subsidy.

**First Subsidy-Free Offshore Wind Deal In German Auction, DONG Energy & EnBW Win Big**

April 14th, 2017

Vattenfall, through its Dutch subsidiary Nuon, built Egmond aan Zee, the Netherlands' first offshore wind project. The site, located 22.2km off the Dutch coast, will require €1.5 billion in investment from Vattenfall, the developer said. It comprises two 350MW projects and due online in 2022.





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