



ENERGY TRANSITION

BOWE2H





ENERGIKONTOR SYD

Non-profit organization

Projects in energy

Owned by municipalities and
regions in South Sweden

[Home \(energikontorsyd.se\)](http://energikontorsyd.se)

Policies

- New Government 2022
- Goal: 100% Renewable Fossil free electricity 2045
- Double use of electricity
- Technology neutral market based system but...
 - Support for new nuclear
- No goals/targets for wind power
- Complex permitting



No clear targets for
Hydrogen





Offshore wind

Huge plans!

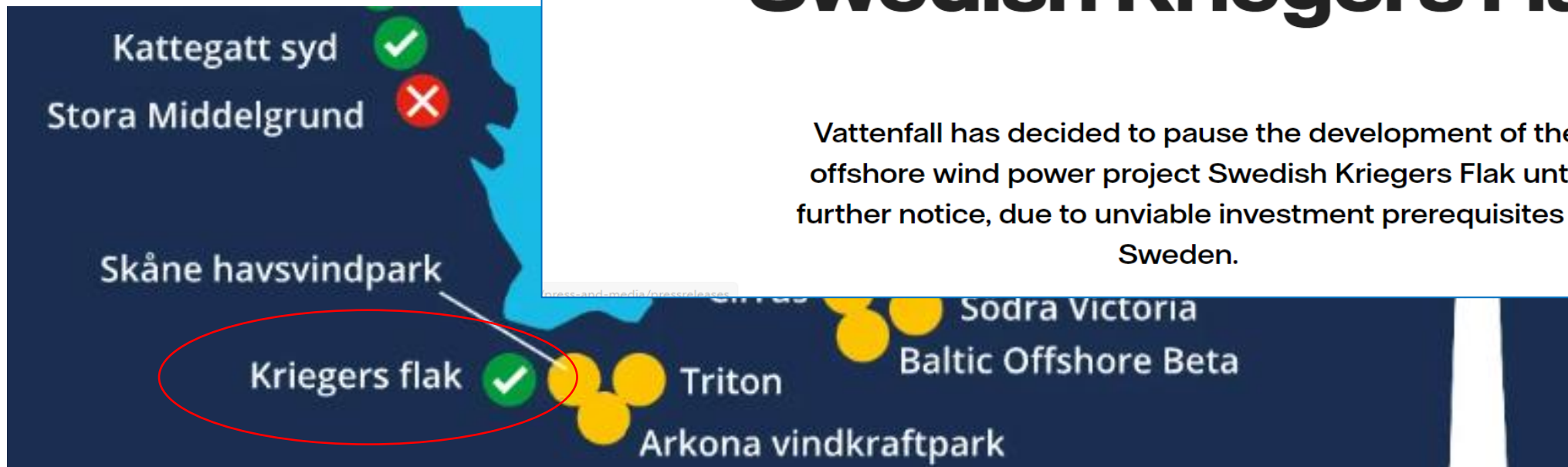
- Green dots: Permitted - 10 TWh
- Yellow dots: Under approval - 190 TWh electricity
- Corresponding to 50 GW




Figure: Swedish Government



But...



VATTENFALL  Who we are What we do Our markets Investors **Press and media** Careers

[Press releases](#) News and stories Newsletter THE EDIT Media bank Press contacts

PRESS RELEASE • WIND • 2 SEPTEMBER 2024, 12:00 CET • 1 MIN

Vattenfall to pause offshore wind project Swedish Kriegers Flak

Vattenfall has decided to pause the development of the offshore wind power project Swedish Kriegers Flak until further notice, due to unviable investment prerequisites in Sweden.





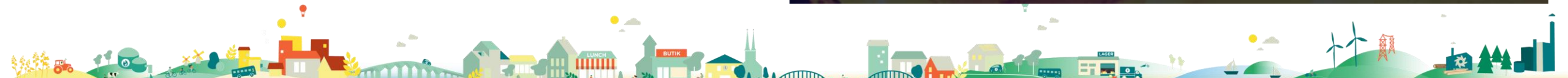
Hydrogen

- Subsidies for filling stations:
Now we need trucks (cars)
- Industry - steel, chemical, ...
are drivers!
 - Ovako Steel 20 MW
 - Hybrit 4,5 MW (next step 500 MW)
- First hydrogen grid is
under permitting

Photo: Ovako Steel



Ovako have completed the world's first successful full-scale trial in a production environment of using hydrogen to heat steel before rolling



Hydrogen hurdles

- Market
- Cost - electricity
- Infrastrucure

Slow-developing e-fuel market prompts Ørsted to terminate FlagshipONE project

BUSINESS DEVELOPMENTS & PROJECTS

August 15, 2024, by Ajsa Habibic

Danish energy company Ørsted has decided to cease the development of what was set out to be Europe's largest commercial-scale e-Methanol facility under construction, the FlagshipONE project in Sweden.



Good Practise

- Local entrepreneurs
- Wind turbine
- H2-production
- Filling station



Thank you






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