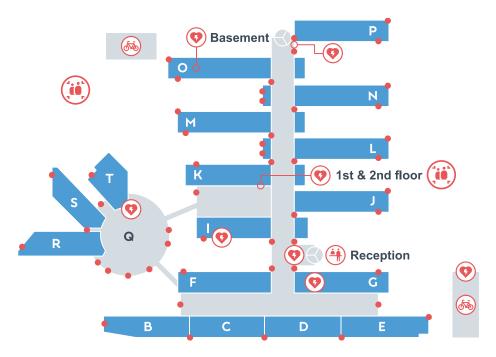
i-SUSTAIN Delegation visit to Ørsted

Addie and a state of a second state of the

GTF

Building 1 - 17

- 🤨 Heart defibrillators
- 🦲 Assembly point
- Reception
- 🚳 Bicycle parking
- Emergency exits



iSustain Delegation visit to Ørsted

9.30a to 9.45a

Introduction to Ørsted

Magnus Hornø Gottlieb, Senior Advisor, Group Policy Engagement

9.45a to 10.10a

Ørsted's PtX strategy and vision for the US Tommy Gerrity, Head of Business & Project Development PtX, North America

10.10a to 10.30a

Green Fuels for Denmark Lars Hansen, Program Director

Maersk's green fuels strategy

10.30a to 11.00a

Jacob Sterling, Senior Director, Head of Decarbonization Innovation & Business Development

Our global footprint

United States of America

- In operation: 30MW Under construction: 130MW Under development: 4,842MW
- ↓ In operation: 2,635MW Under construction: 428MW Under development: 252MW

In operation: 647MW
 Under construction: 680MW
 Under development: 1,185MW

In operation : 40MW Under development: 520MW

Fossil-fueled power plant

Activities

- Offshore wind
- Solar
- wind 🌾 Bio plant
- 📽 Biomass-fired power plant 🛛 💼 Sales of energy

- Denmark —
- In operation: 940MW
- In operation: our CHP plants, 2,865MW power and 3,560MW heat
 - Sales of energy

Ireland

Lin operation: 327MW Under construction: 45MW Under development: 466/298MW

United Kingdom

- In operation: 4,912MW Under construction: 1,386MW Under development: 4,000-5,000MW
- Under construction: 62MW Under development: 195MW
- In operation: Renescience Northwich
- In operation: 20MW
- Sales of energy

Status

In operation

Under development

- Sweden
 - Under development: 3,000MW
- Poland
- Under development: 2,500MW
- Germany
 In operation: 1,346MW
 Under construction: 1,16
- Sales of energy

The Netherlands

Japan

South Korea

Under development: 1,600MW

Taiwan -

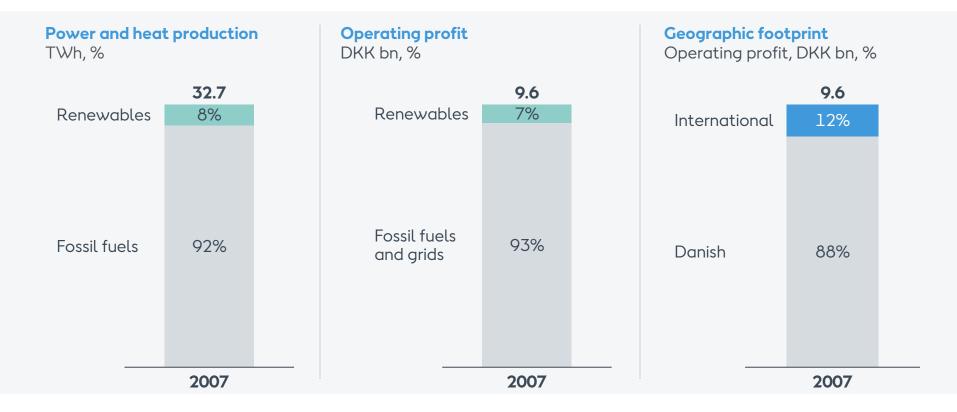
In operation: 128MW Under construction: 900MW Under development: 6,590MW

Vietnam -

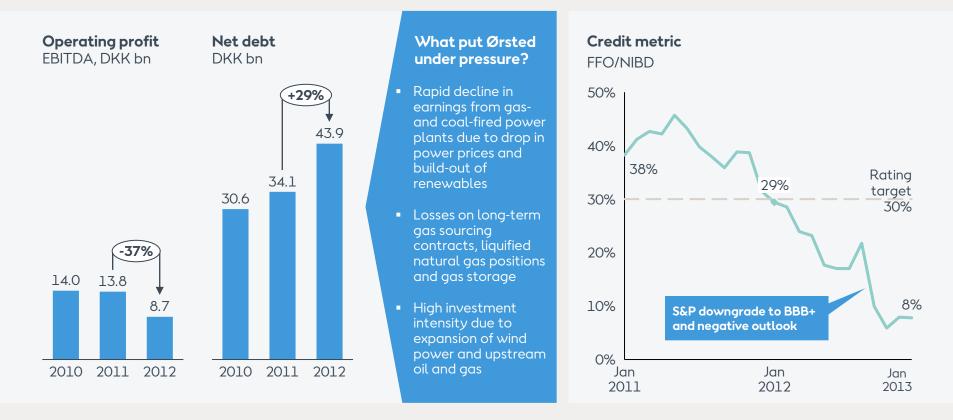
Orsted

Our footprint in North America North Dakota Connecticut **Rhode Island** Badger New Jersev Willow Creek Michigan New York South Dakota **Revolution** Wind Haystack Block Island Wind Farm Mastodon Nebraska Illinois Sunrise Wind United States of America Lincoln Land Kansas Ocean Wind 1 Ocean Wind 2 Skipiack Wind 1 Skipjack Wind 2 Arizona Texas Maryland Lockett Delaware Muscle Shoals 🍋 Western Trail Sage Draw • II Mockingbird Alabama Tahoka : Eleven Mile **Willow Spring** Amazon 🔅 🖪 Armadillo Permian Energy Status Activities Offshore wind In operation Conshore wind Solar Under development Storage Orsted 6

A little more than a decade ago, Ørsted was a fossil-fueled Danish utility



In 2012, Ørsted came under intense financial pressure



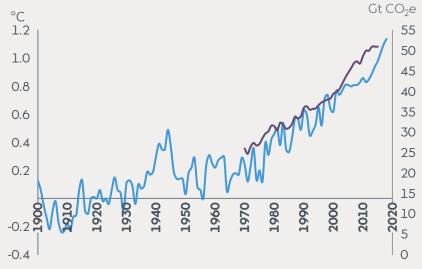
Climate megatrend

Rising greenhouse gas emissions drive up average global temperature...

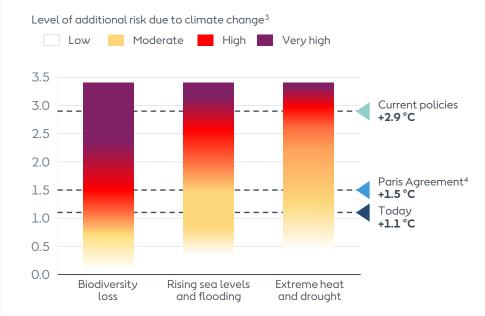
- Average global surface temperature relative to pre-industrial level (°C)¹



9

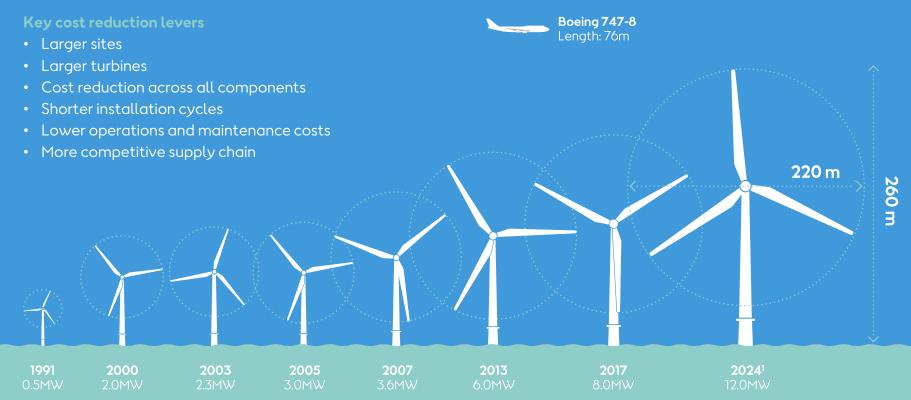


... threatening to destabilise the world we live in



1. NOAAGlobalTemp; 2. Ørsted analysis, data from World Bank (EDCAR) and Climate Action Tracker 3. World Resources Institute, data from IPCC. Scenarios from Climate Action Tracker's 2100 Warming Projections; 4. The Paris Agreement's official recommendation is "well below 2 degrees Celsius above pre-industrial levels and to pursue efforts to limit the temperature increase even further to 1.5 degrees Celsius"

We identified significant cost-out potential through scale and innovation



Divestment of oil and gas completed the green transformation in 2017

The oil price dropped by 56% in the second half of 2014

Oil price USD / boe



Oil and gas business was restructured and later divested



Restructuring of oil and gas business from 2015 to 2016

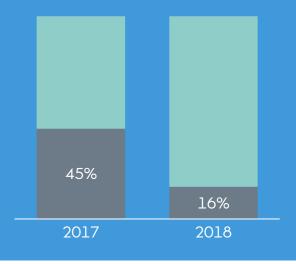
- Exploration spend reduced by approx. 40%
- Hejre project discontinued
- New investments brought to a halt
- Organisational cut-backs

Divestment of oil and gas business in 2017

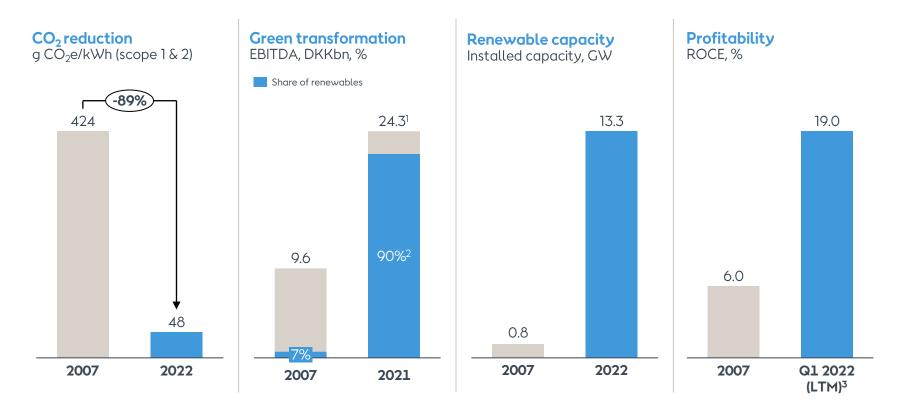
- Oil and gas business sold to INEOS for DKK 7 bn
- Long life assets and ~450 FTEs transferred to INEOS

Oil and gas divestment completed the green transformation

Fossil energy share of EBITDA¹ %



We have succeeded in profoundly transforming Ørsted



1. Including EBITDA from new partnerships 2. Taxonomy-aligned 3. LTM: Last twelve months

Over the coming decade, Ørsted will globalise based on its stronger growth platform and reinforce its position across technologies and markets



- Increase ambition from 15 GW in 2025 to 30 GW in 2030 by accelerating annual build-out to 3 GW
- Expand footprint to Baltics, Nordics, East Asia and other growth markets
- Take leading role in construction of energy islands
- Build a strong position in floating offshore wind
- Increase ambition from 5 GW in 2025 to 17.5 GW in 2030
- Continue to accelerate US build-out across technologies, and globalise by scaling EU platform and exploring APAC
- Create multi-technology solutions with hybrid wind and solar PV projects and integrated storage
- Build global leadership position in renewable hydrogen and green fuels
- Execute on +3 GW project pipeline and pursue global opportunities across our growth platform
- Lean into selected renewable hydrogen and green fuels value chains in close collaboration with key offtake partners

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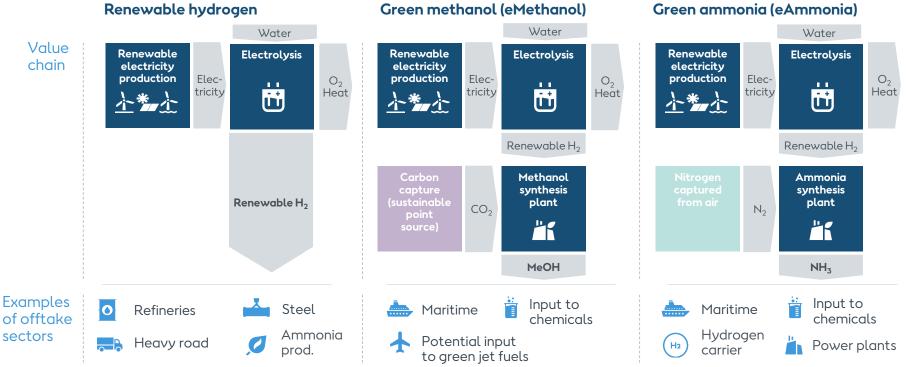
Ørsted Power-to-X is focused on serving customers in all 4 offtake sectors

Fossil H₂ substitution

New renewable H₂ application



Renewable hydrogen can be used to produce green fuels such as eMethanol and eAmmonia – Ørsted is leaning forward and orchestrating full value chain



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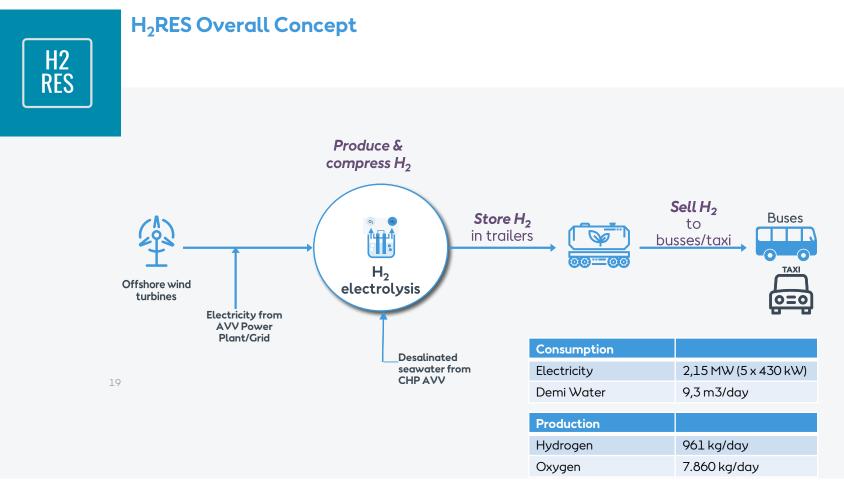
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Jacob Sterling, Senior Director, Head of Decarbonization Innovation & Business Development

H2RES & Green Fuels for Denmark



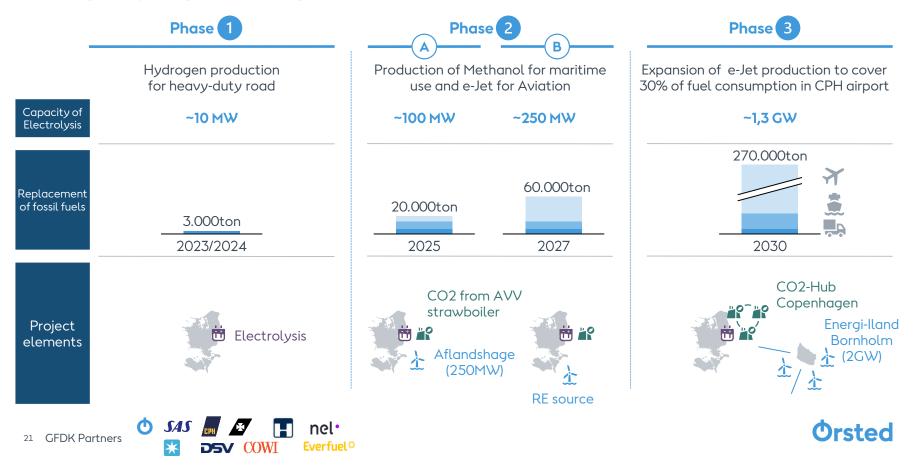
Copenhagen April 2022







Green Fuels for Denmark: The vision is built upon partners' fuel offtake appetite and the capacity to produce expected volumes based on the future RE sources



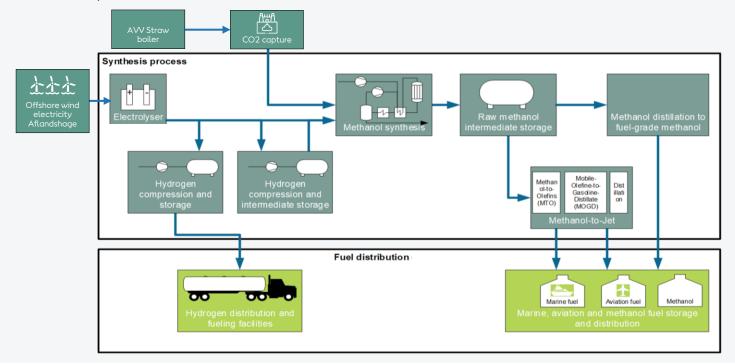
Phase 1 focusses on scaling-up electrolysis technology, develop H2 fueling stations to higher capacities and deploying them to pilot heavy-duty fuel cell electric transport





Phase 2a onwards adds production of carbon-based fuels for marine shipping and aviation offtake in addition to H_2 for heavy-road applications

Process overview for phase 2a onwards





GFDK layout

