



SUT Control Downunder Conference 2022

Gas

ZEUS - Making Natural Gas a Sustainable Transition Solution

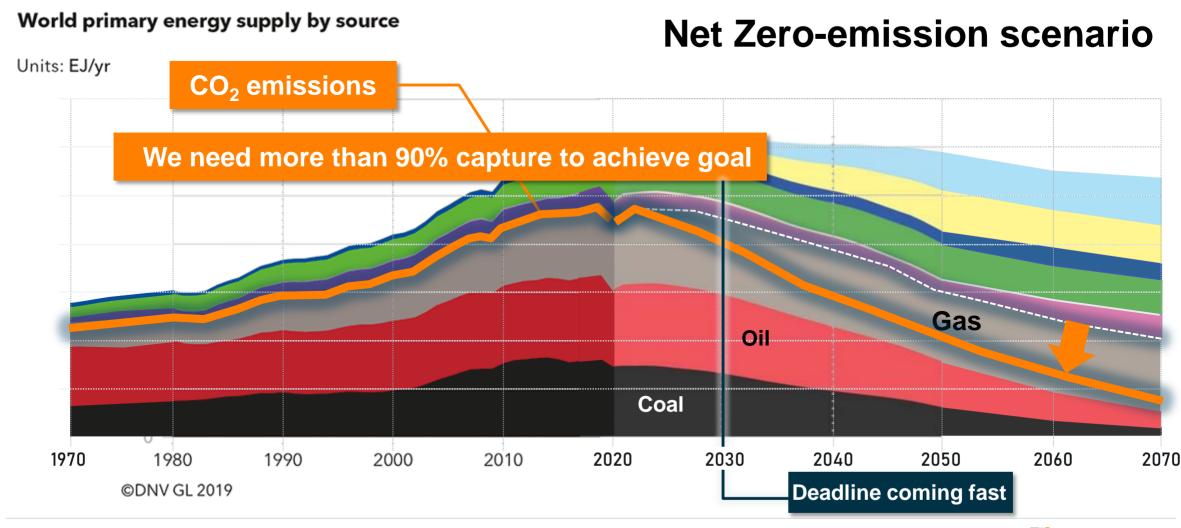
October 27th, 2022

Si Yeaw | Study Manager | Aker Solutions

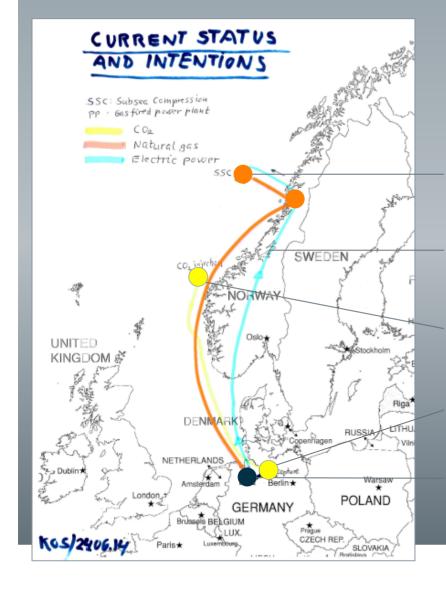




Net Zero Emission



Internal



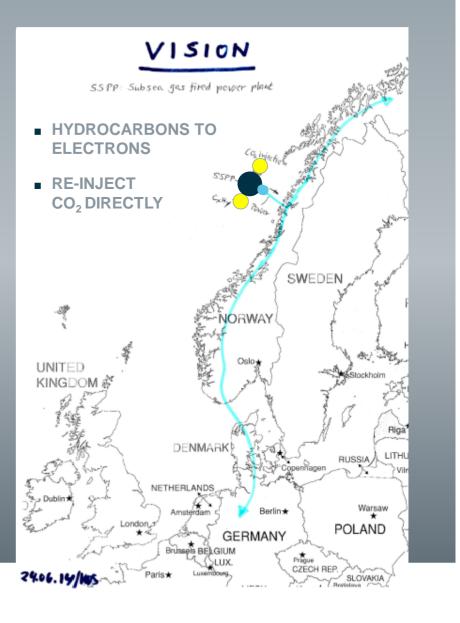
TRANSPORTING OIL & GAS FROM OFFSHORE

ELECTRICITY IS
TRANSPORTED BACK

CARBON STORED OFFSHORE (CO₂ INJECTION)

CARBON CAPTURE

TO A GAS-FUELED POWER PLANT





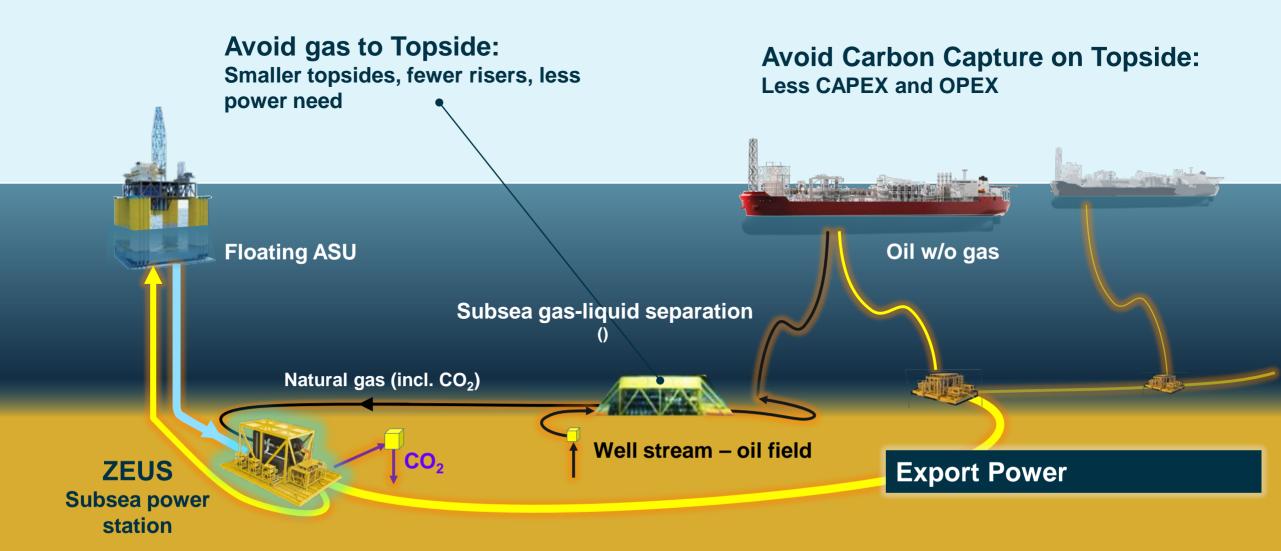
Zero Emission Underwater power Station – ZEUS



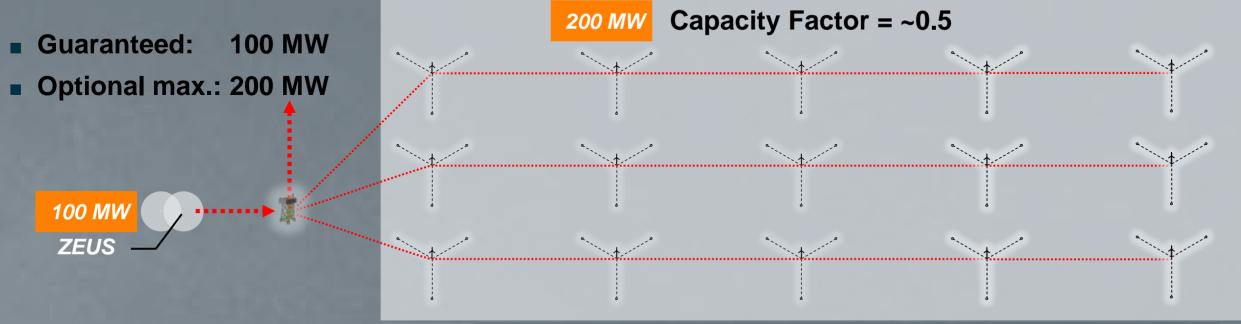
ZEUS Application Areas

- Decarbonising Existing Assets
- Liberalise Offshore Wind
- Complement Green hydrogen production
- Monetize stranded gas

Decarbonize Topsides: Use Associated gas



Liberalise Offshore Wind: Guarantee minimum delivery

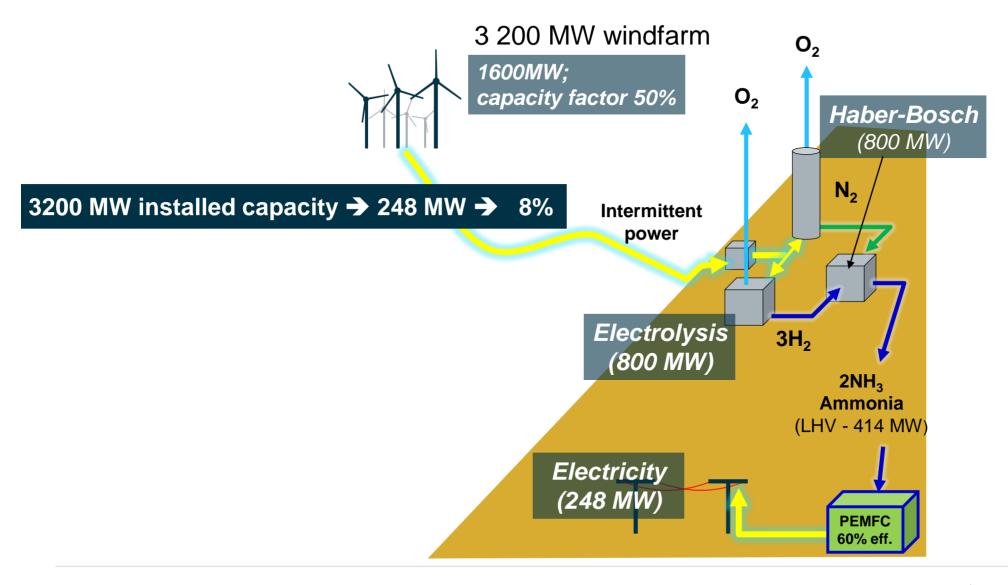


ZEUS + Wind = Guaranteed Power

ZEUS = Exploit high prices, improve economy



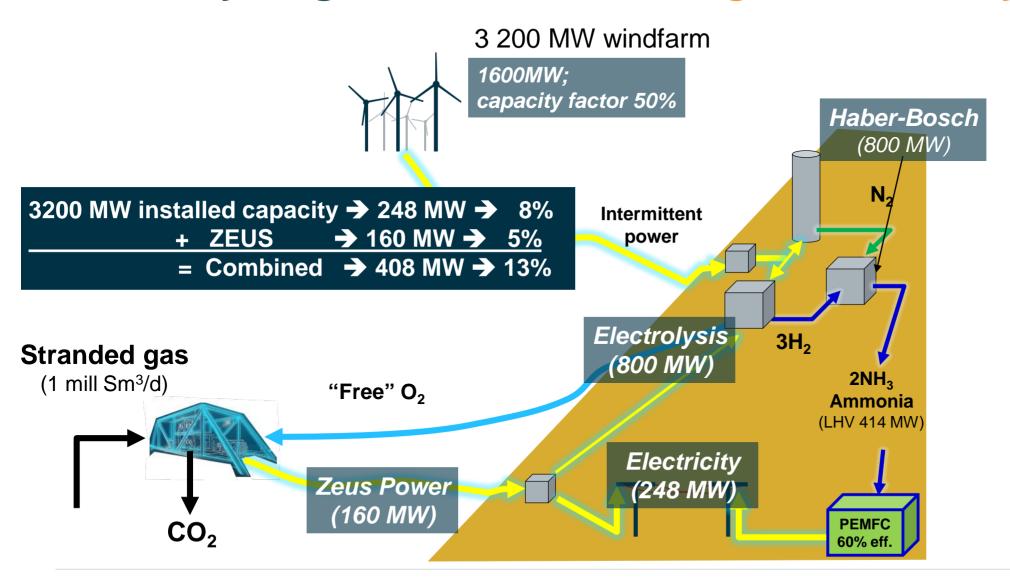
Complement Green Hydrogen



Internal

2021 © Aker Solutions

Green Hydrogen + ZEUS : 50% higher efficiency

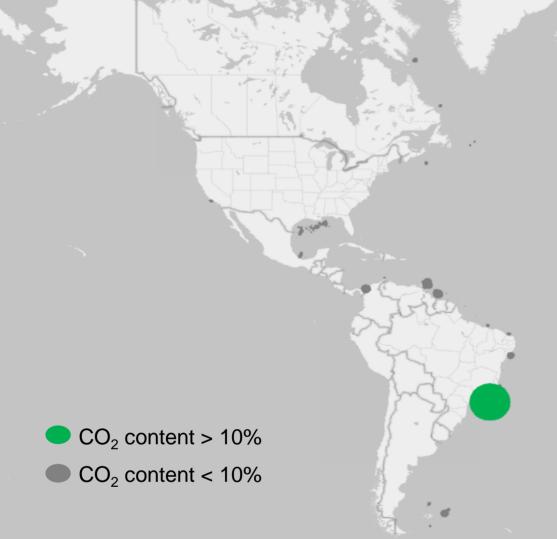


Monetize stranded gas - exporting electricity



Monetize CO₂ rich gas

- ZEUS process is not limited by CO2 content
- Minimise the conventional infrastructure cost with CO2 rich gas





Copyright and Disclaimer

Copyright

Copyright of all published material including photographs, drawings and images in this document remains vested in Aker Solutions and third party contributors as appropriate. Accordingly, neither the whole nor any part of this document shall be reproduced in any form nor used in any manner without express prior permission and applicable acknowledgements. No trademark, copyright or other notice shall be altered or removed from any reproduction.

Disclaimer

This Presentation includes and is based, inter alia, on forward-looking information and statements that are subject to risks and uncertainties that could cause actual results to differ. These statements and this Presentation are based on current expectations, estimates and projections about global economic conditions, the economic conditions of the regions and industries that are major markets for Aker Solutions ASA and Aker Solutions ASA's (including subsidiaries and affiliates) lines of business. These expectations, estimates and projections are generally identifiable by statements containing words such as "expects", "believes", "estimates" or similar expressions. Important factors that could cause actual results to differ materially from those expectations include, among others, economic and market conditions in the geographic areas and industries that are or will be major markets for Aker Solutions' businesses, oil prices, market acceptance of new products and services, changes in governmental regulations, interest rates, fluctuations in currency exchange rates and such other factors as may be discussed from time to time in the Presentation. Although Aker Solutions ASA believes that its expectations and the Presentation are based upon reasonable assumptions, it can give no assurance that those expectations will be achieved or that the actual results will be as set out in the Presentation. Aker Solutions ASA is making no representation or warranty, expressed or implied, as to the accuracy, reliability or completeness of the Presentation, and neither Aker Solutions ASA nor any of its directors, officers or employees will have any liability to you or any other persons resulting from your use.

Aker Solutions consists of many legally independent entities, constituting their own separate identities. Aker Solutions is used as the common brand or trade mark for most of these entities. In this presentation we may sometimes use "Aker Solutions", "we" or "us" when we refer to Aker Solutions companies in general or where no useful purpose is served by identifying any particular Aker Solutions company.

AkerSolutions

2021 © Aker Solutions

November 2, 2022 | Slide 13