

Meet the Net-Zero Target while Ensuring Sustainable and Affordable Energy Supply

IEA GOT-EOR Workshop, Nov.24, 2022

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War in Europe – Energy used as a weapon

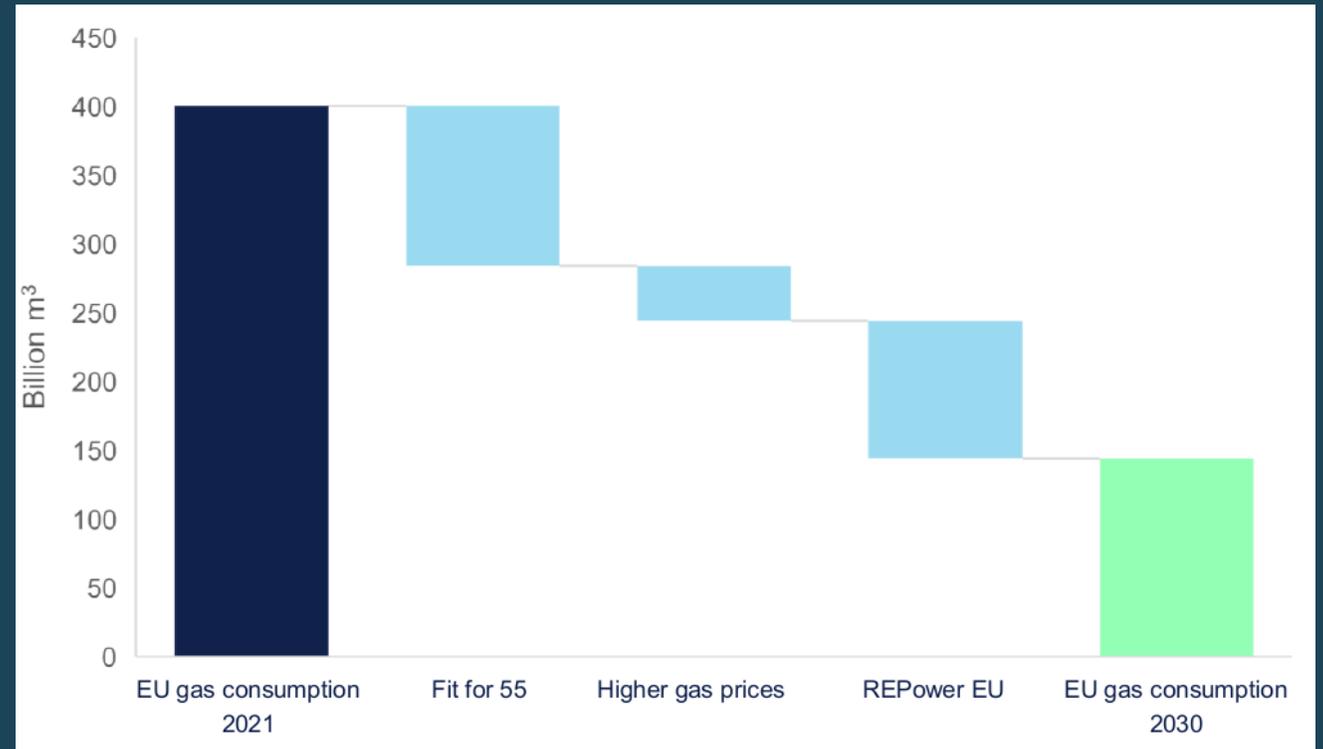


Natural gas prices (TTF). Euro per megawatt-hour



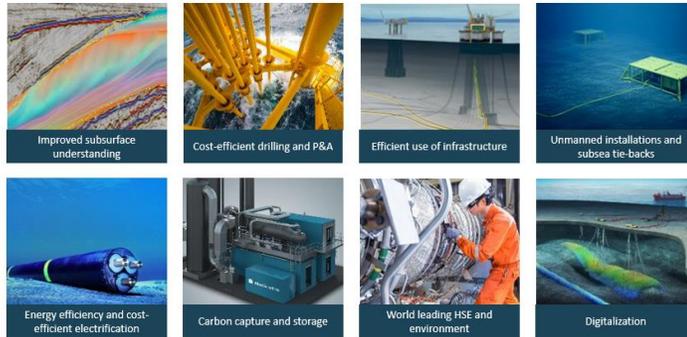
Sabotage of Nord Stream pipelines September 27

The energy trilemma: Affordability, Security of supply, Sustainability



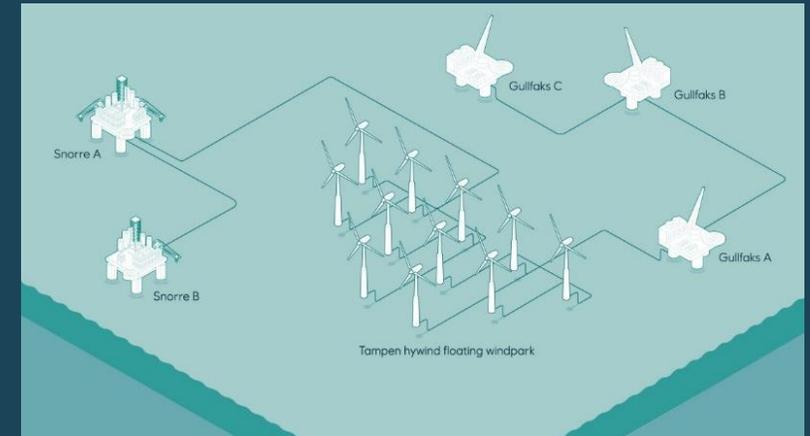
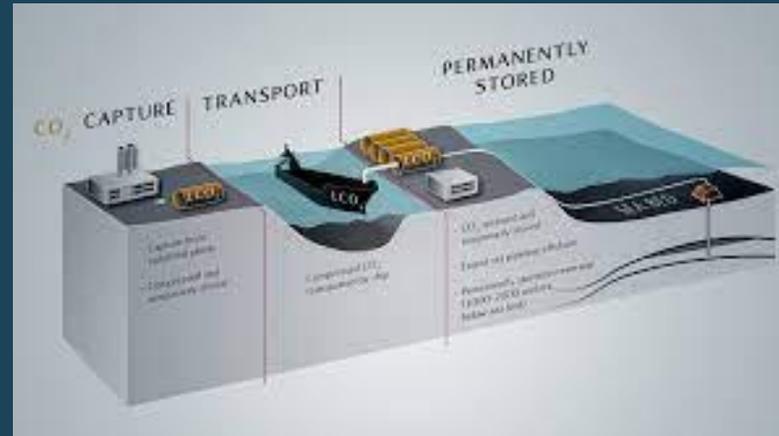
Ref: DNV (2022)

The OG21-strategy remains relevant



IEA GOT-EOR Workshop

OG21



1

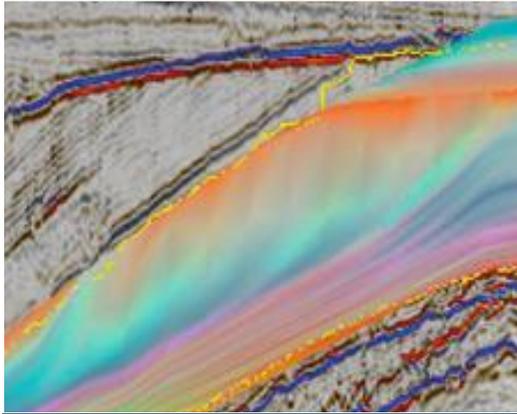
Compete for O&G market shares

2

De-carbonize to secure future markets

3

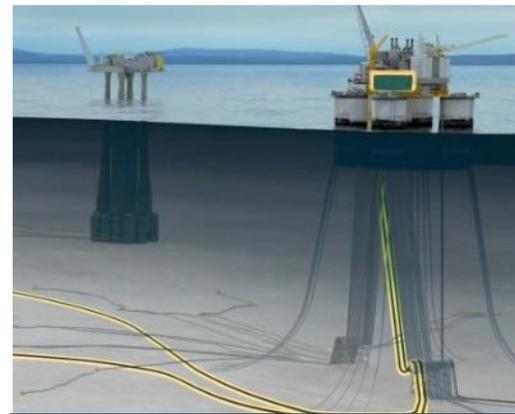
Contribute to develop new industries



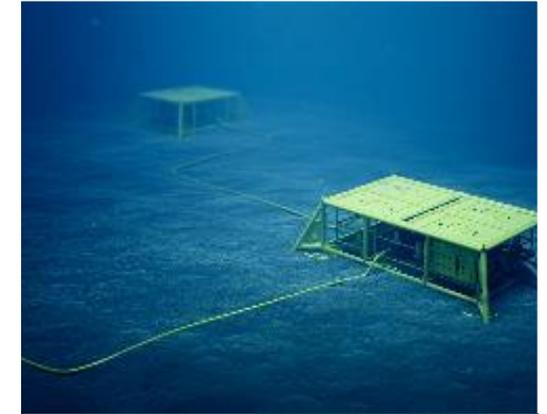
Improved subsurface understanding



Cost-efficient drilling and P&A



Efficient use of infrastructure



Unmanned installations and subsea tie-backs



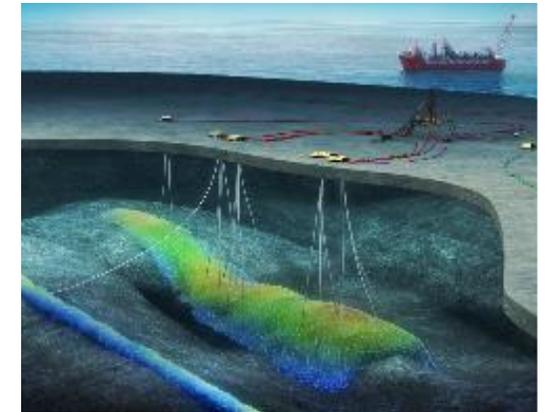
Energy efficiency and cost-efficient electrification



Carbon capture and storage

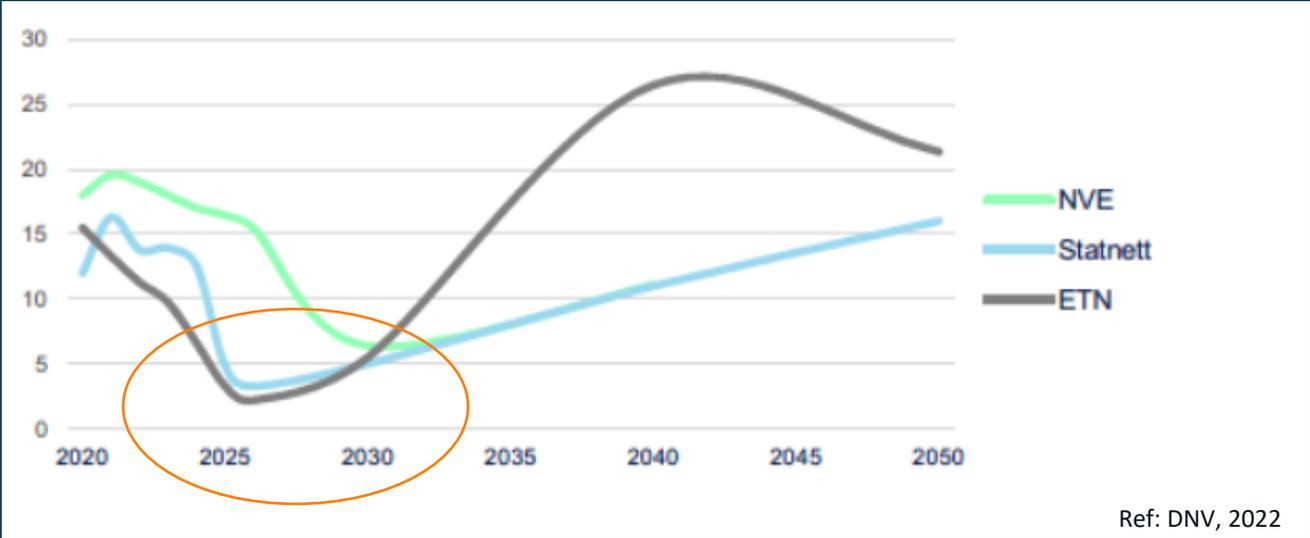
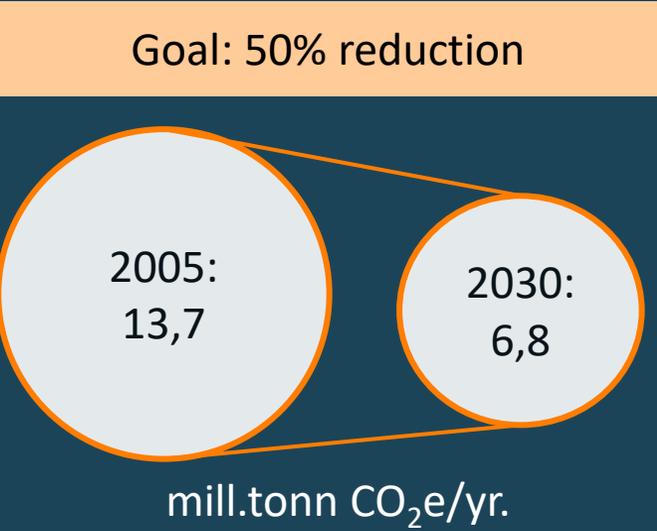


World leading HSE and environment



Digitalization

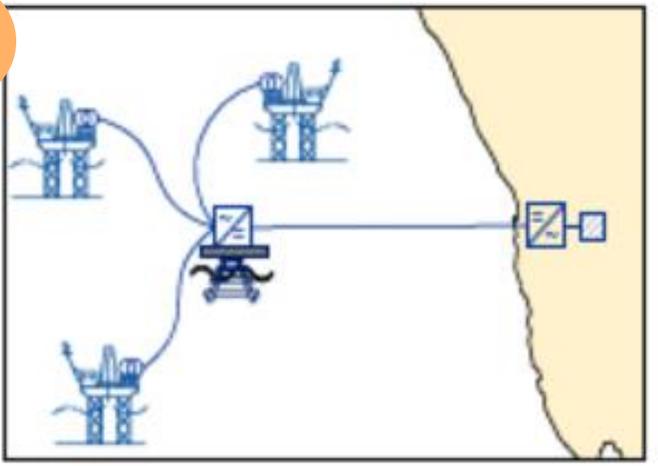
First GHG goal is only 7 years ahead – electrification is a key measure



Power surplus forecasts [TWh]

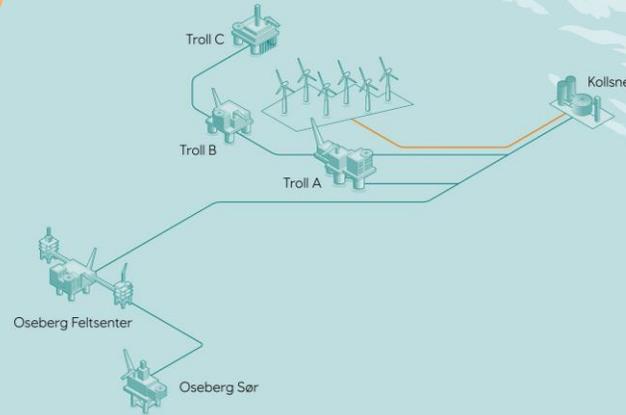
Technologies to reach 2030 goal

1



Efficient power-from-shore

2



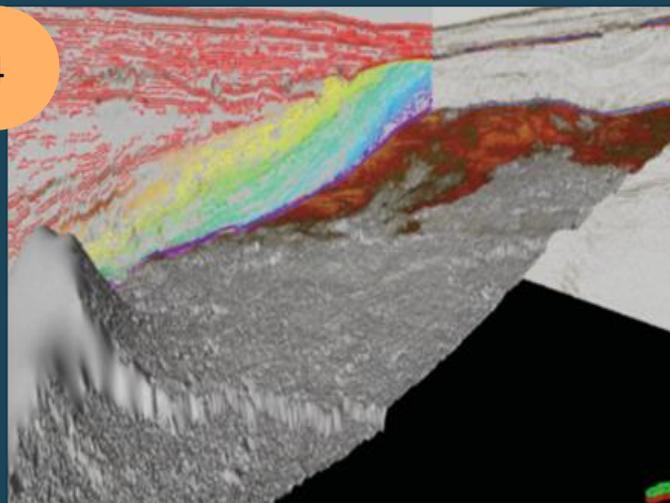
Accelerate ocean wind

3



Gas power with CCS

4



Water management

...and for Scope 3



CCS



Blue hydrogen



The image features a background of dark blue ocean waves with white foam, viewed from a slightly elevated perspective. The waves are moving from the top left towards the bottom right. In the center of the image, the text "OGG21" is displayed in a white, stylized, sans-serif font. The letters are bold and have a modern, geometric feel. The "O" is a simple circle with a horizontal bar at the bottom. The "G" has a curved top and a vertical stem. The "2" is composed of two curved segments. The "1" is a simple vertical bar with a small horizontal top bar.

OGG21