



equinor


New Energy Solutions

Building an industrial position

Jannik Lindbæk

Vice President

Head of EU affairs



Shaping the
future of energy

New Energy Solutions – driving energy transition

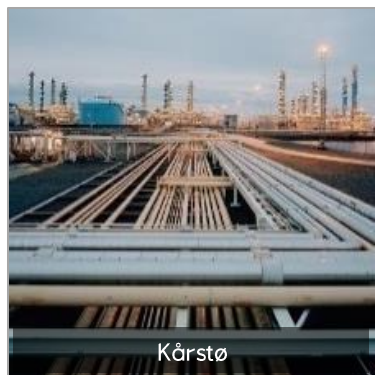


Norwegian continental shelf

Build on unique position

- Highly cost competitive
- Attractive project pipeline
- Exploration potential

Johan Sverdrup



Midstream and marketing

Access premium markets

- Flow assurance
- Asset backed trading
- Capital light

Kårstø



International oil & gas

Deepen core areas

- Enhance Brazil portfolio
- Flexible US position
- New growth options



US onshore

New energy solutions

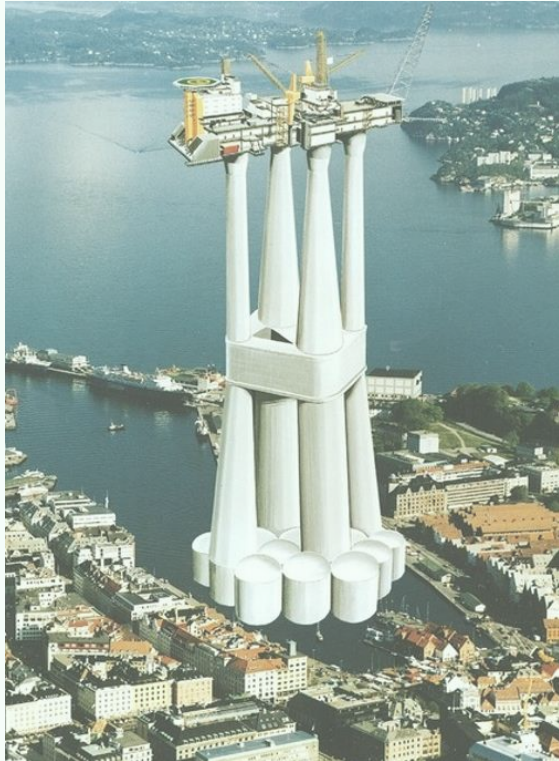
Industrial approach

- Offshore wind
- Low-carbon solutions
- Ventures, R&D



Offshore wind

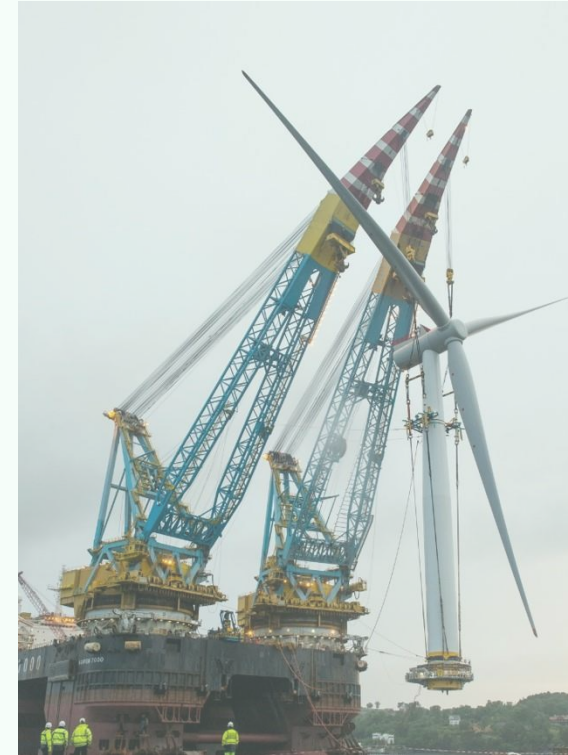
Energy transition is a journey



Troll 1995

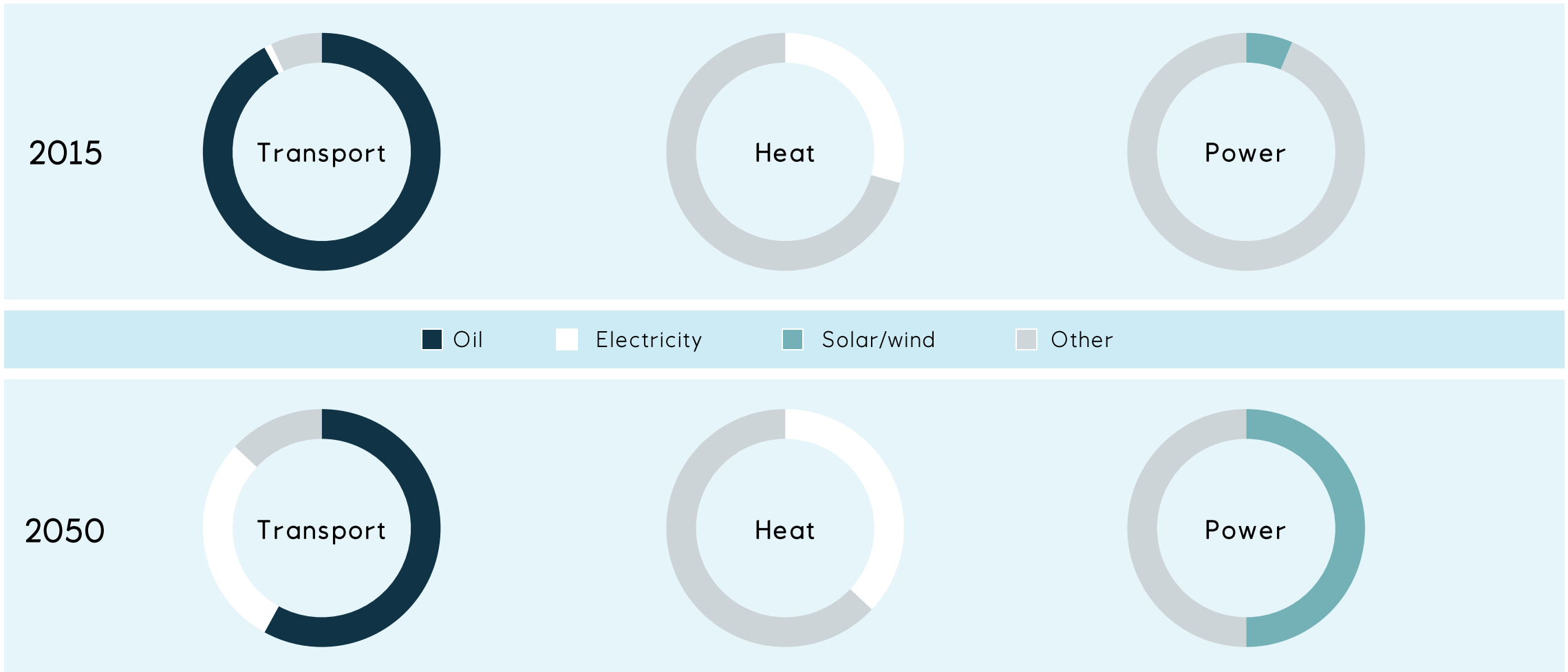


Snøhvit 2007



Hywind 2017

Energy transition – where is it taking place?



Source: Energy Perspectives, Renewable Scenarios

Building on our oil and gas competence



Safety is our first priority



Large complex projects



Marine operations & maintenance

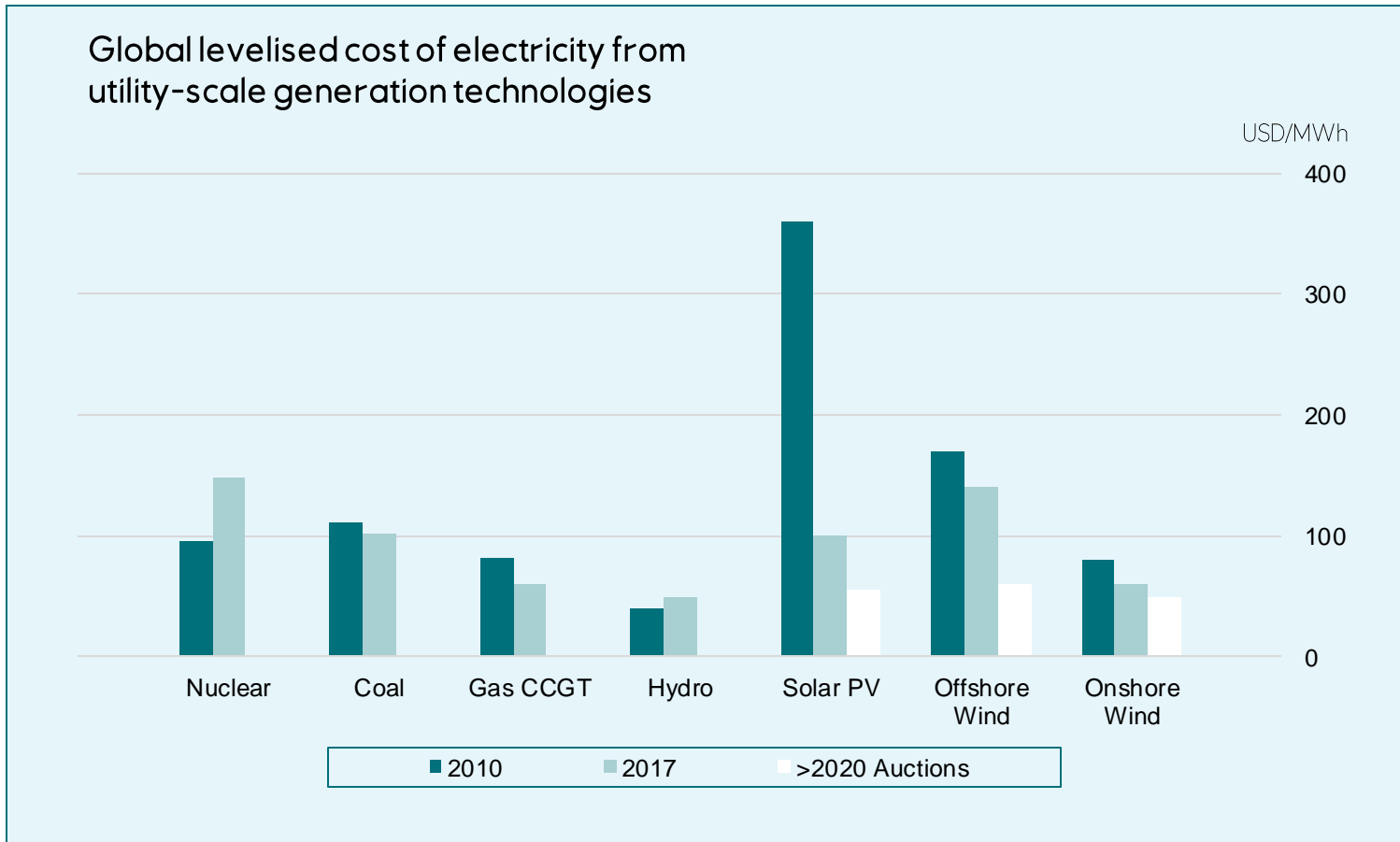


Leverage local presence & corporate capabilities



Technology & innovation

Cost reductions leading to exponential growth



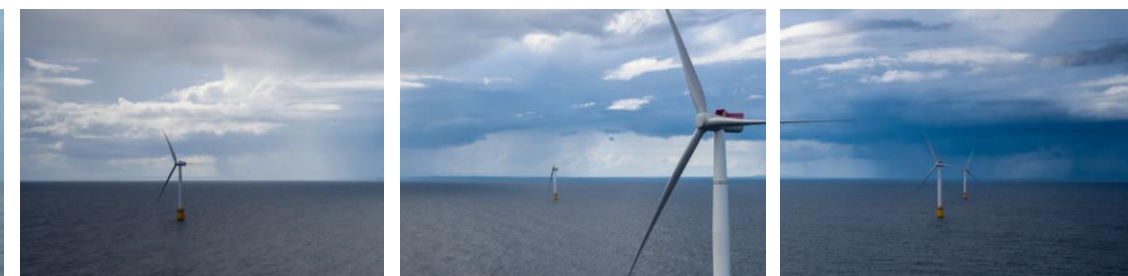
Source: IRENA, Lazard



Building a profitable offshore wind portfolio

<p>Sheringham Shoal In production</p> <p>316_{MW}</p>	<p>Dudgeon In production</p> <p>402_{MW}</p>	<p>Arkona In development</p> <p>385_{MW}</p>
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Bottom fixed



Floating

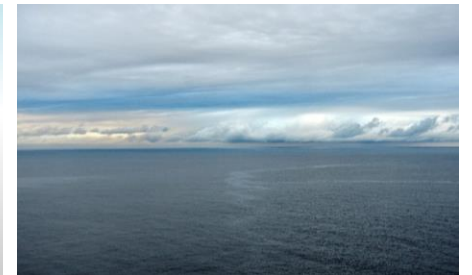
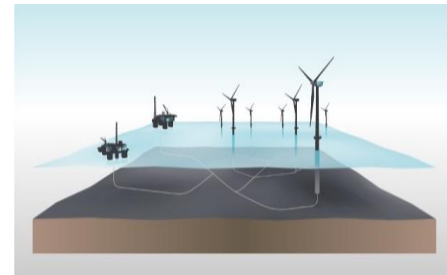
<p>Hywind demo In production</p> <p>2.3_{MW}</p>	<p>Hywind Scotland In production</p> <p>30_{MW}</p>	<p>Batwind In development</p> <p>1_{MW}</p>
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Figures: Installed capacity, 100% basis.

Expanding within offshore wind

<p>Doggerbank UK</p> <p>3.6_{GW}</p>	<p>Empire Wind USA</p> <p>1-2_{GW}</p>	<p>Baltyk II and III Poland</p> <p>1.2_{GW}</p>
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Bottom fixed



Floating

<p>Floating wind to oil and gas installations Norway</p> <p>100_{MW}</p>
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<p>Expanding global position</p> <p>UK/Ireland, France, US West Coast, Japan</p>
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Figures: Installed capacity, 100% basis. Non-sanctioned.

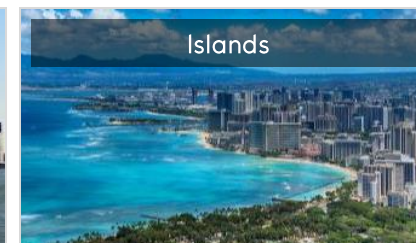
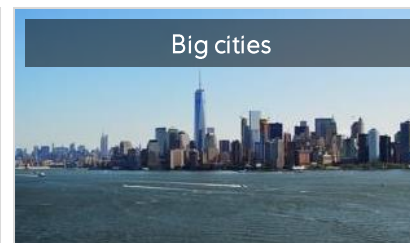
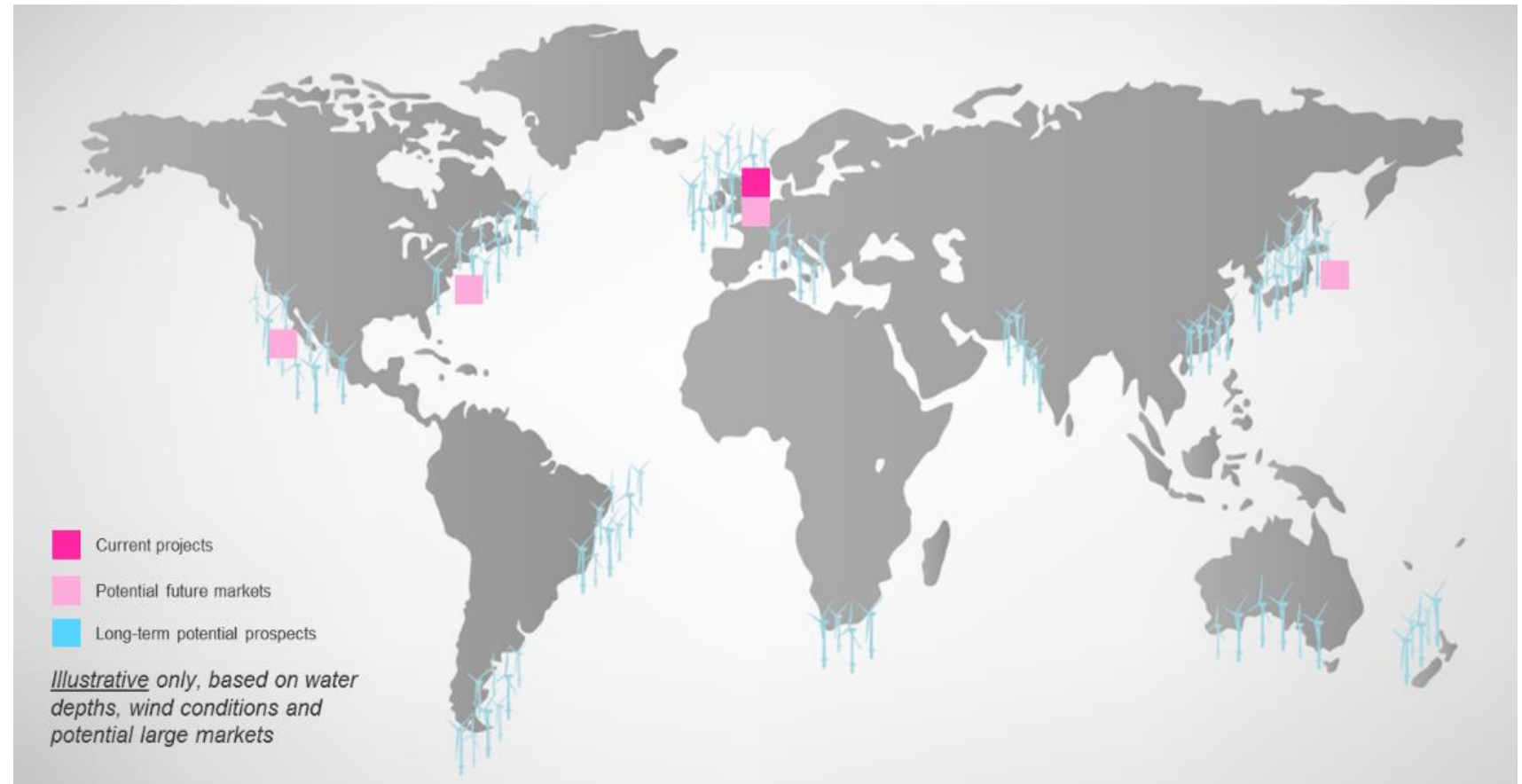
Vast potential for floating offshore wind

Size of the prize
12 GW
in 2030

Expected LCOE
40 – 60
€/MWh by 2030

The big four

- US West Coast
- Japan
- France
- Scotland/Ireland





Solar opportunities



Apodi project

Brazil
In development

162^{MW}¹



Exploring opportunities

Latin America and
other Statoil regions

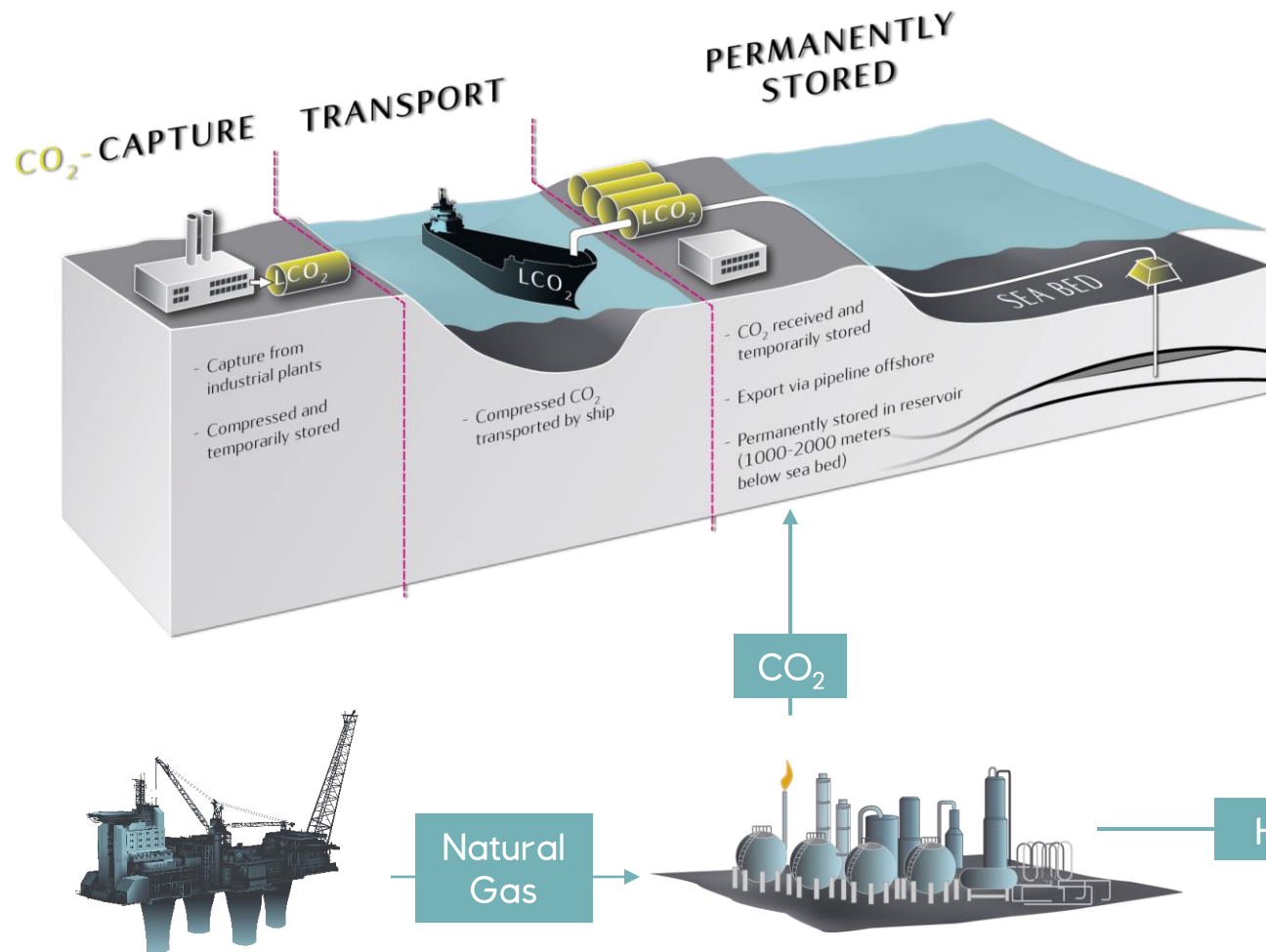


Combining solutions

Bundling
technologies

1. Installed capacity, 100% basis

CCS as enabler for hydrogen productions



H₂
Clean Hydrogen

- Power
- Heat
- Maritime transport

Equinor Energy Ventures

Investing in green energy growth

Mandate

Support our current operations in renewables

Position in renewable growth opportunities

Explore new high impact technologies and business models



Largest EV charging network in the US



Solar technology – increasing efficiency in solar cells



Energy storage asset developer



Advanced distributed generation technology



@JannikLindbaek

Head of EU affairs

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