



NCS Drilling future – seen through the eyes of  
the Stavanger based driller

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## Agenda



- **Dolphin Drilling**



- **Norwegian Continental Shelf**



- **NCS – Government Ambitions**



- **Way Forward**

## Dolphin Drilling in brief



### PRODUCT

Lower emissions  
7<sup>TH</sup> gen Semi-Subs  
Standard HE rigs



### PLACE

Stavanger, Norway  
Office and  
operational base



### PARTNERS

Operators  
Regulator  
Service providers  
Suppliers



### POSITIVE cash flow

Positive free cash  
flow in 2021

Safety is our license to operate!



5th and  
6th  
Generation  
Topsides



## Agenda



- Dolphin Drilling



- Norwegian Continental Shelf



- NCS – Government Ambitions

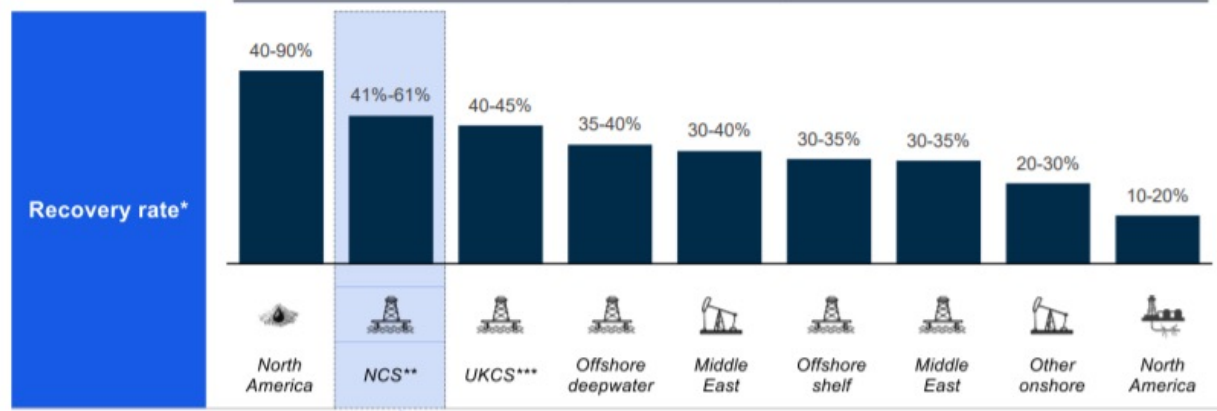
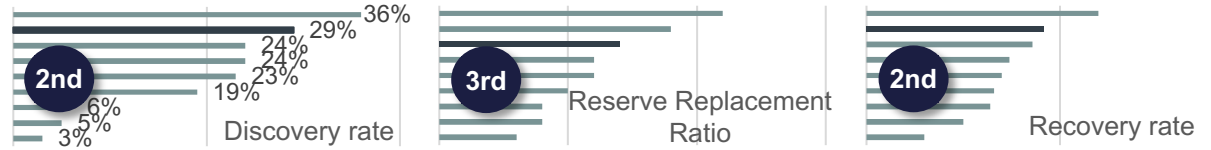


- Way Forward



Norwegian  
Continental Shelf  
–ATTRACTIVE...

## WELLS

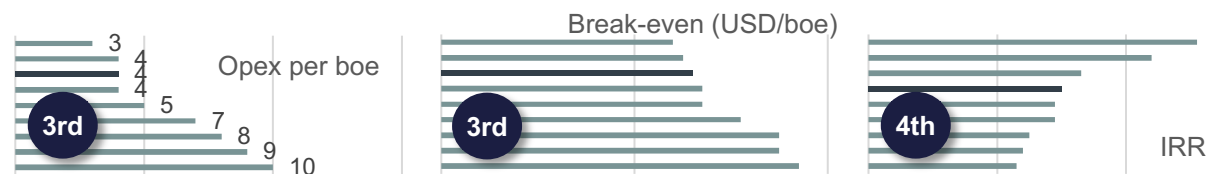
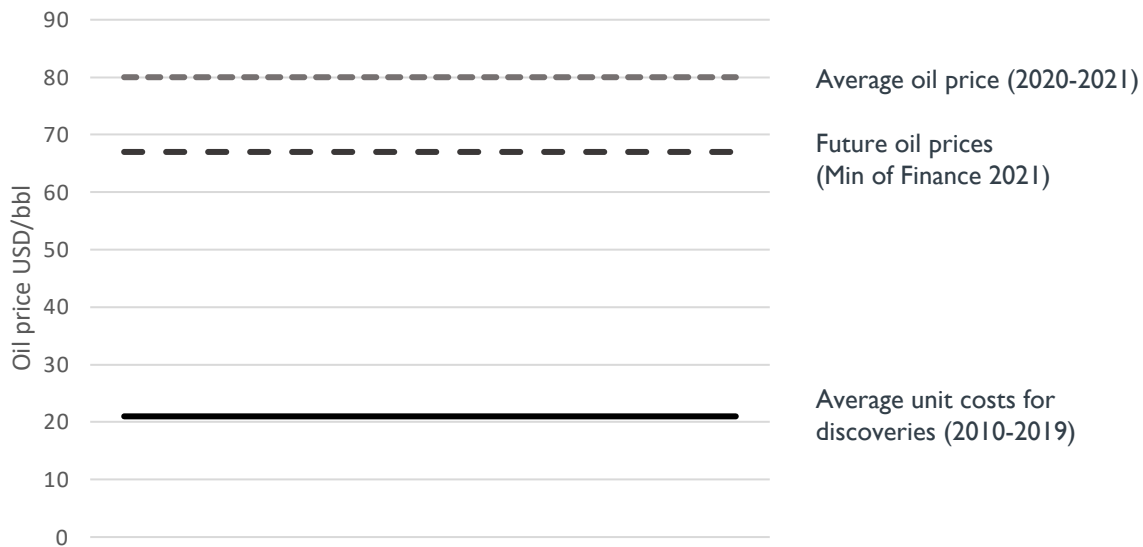




## Norwegian Continental Shelf

...STILL VERY  
ATTRACTIVE

### ■ FINANCIAL



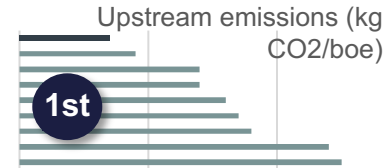
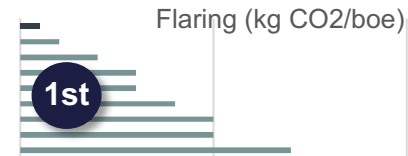
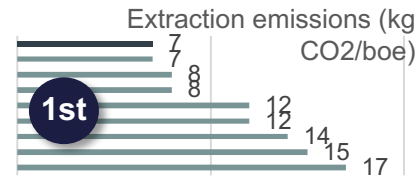
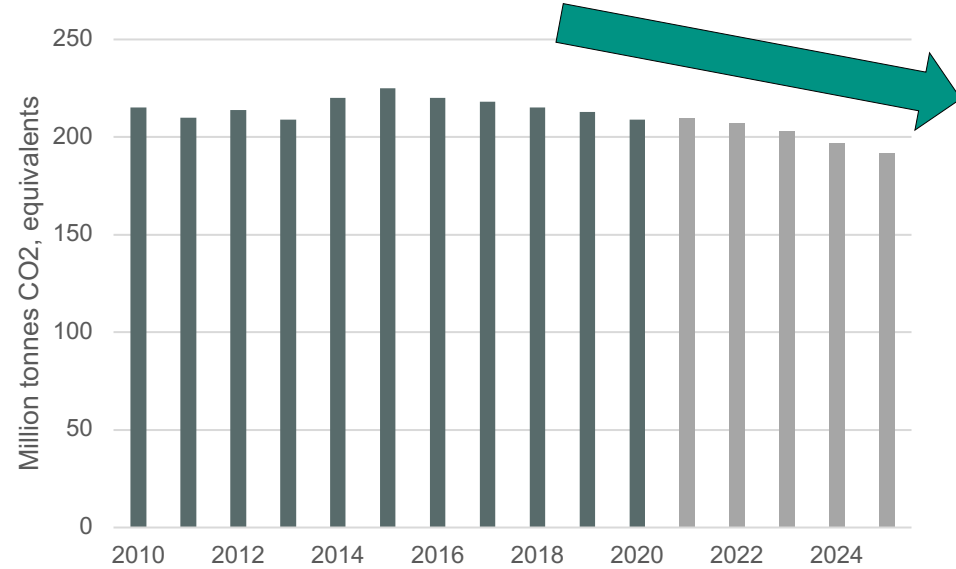




Norwegian  
Continental Shelf

... BEST IN CLASS

## ■ EMISSIONS

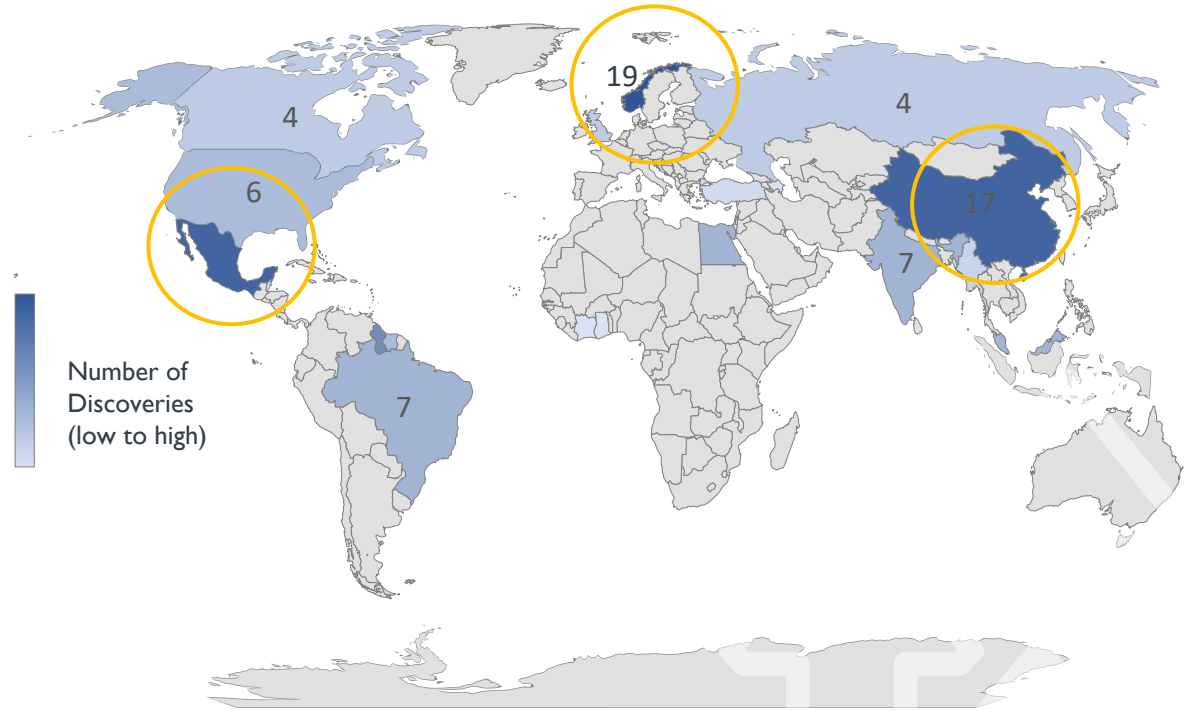




Norwegian  
Continental Shelf

...AGAIN - BEST IN  
CLASS

## ■ OFFSHORE DISCOVERIES 2020-2021



## Agenda



- Dolphin Drilling



- Norwegian Continental Shelf



- **NCS – Government Ambitions**



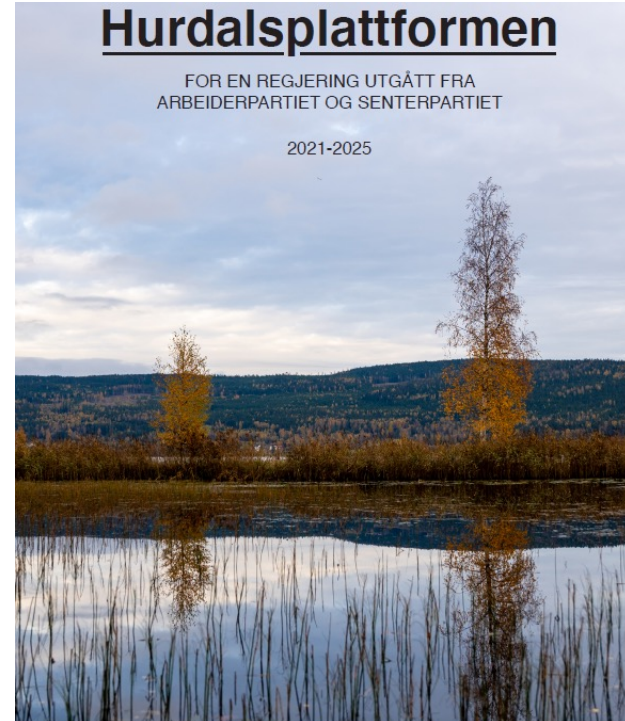
- Way Forward

# New elected Government in Norway

## High ambitions 2021-2025

### Norwegian Petroleum sector

- “Develop – not phase out the petroleum sector”
- “Facilitate continued high level of activity on the Norwegian Continental Shelf”
- “Stability around ongoing petroleum activities”
- “Continued exploration in new areas”
- Emphasize “Norwegian best available world-leading technology, including HSEQ standards”
- “Reduce emissions with 50% by 2030”



Arbeiderpartiet



Senterpartiet

## Agenda



- Dolphin Drilling



- Norwegian Continental Shelf

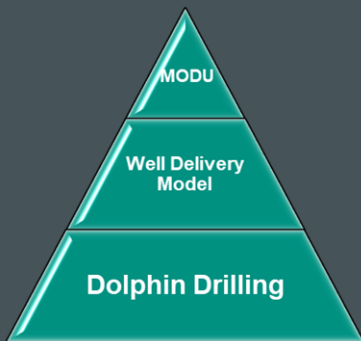


- NCS – Government Ambitions



- **Way Forward**

## WAY FORWARD



## WELL DELIVERY MODEL

### Contract Strategy

Scope of work – standard / added services  
Compensation – dayrate / milestone / dynamic  
Total well cost – joint compensation

### Planning and execution

All parties – entire value chain  
Common digital framework – sharing data  
Reduce overhead for operators  
Multi skilled personnel – onshore / offshore

### Partnerships

Join partners business model  
Join partners strategic direction  
Align concept with partners strategy  
Vehicle for growth

# Implementing the strategy: Greener for the future



## **BENEFITS** implementing ISO 5001:2018

- Improve energy-related performance and energy efficiency continuously and to identify energy reduction opportunities
- Reduction in energy usage and operating costs
- Reduction in CO2 emissions

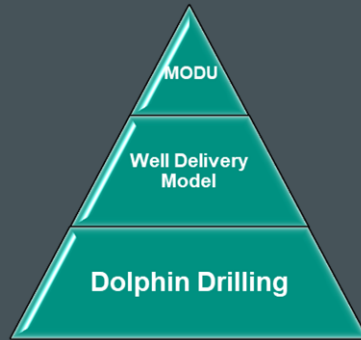


## **ESTABLISHED** work process

- By integrating all our improvement efforts in our existing management system, we ensure proper follow up over time
- Using new technology will allow us to track and trend on micro level
- By measuring the effect, we are in a better position to constantly monitor and reduce our environmental footprint

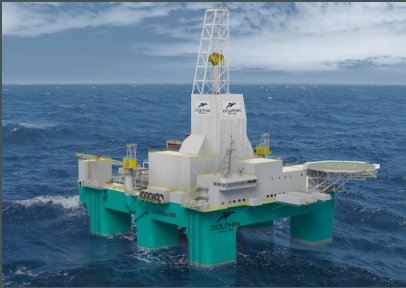


# INTRODUCING 7<sup>TH</sup> GEN HE SEMISUBS

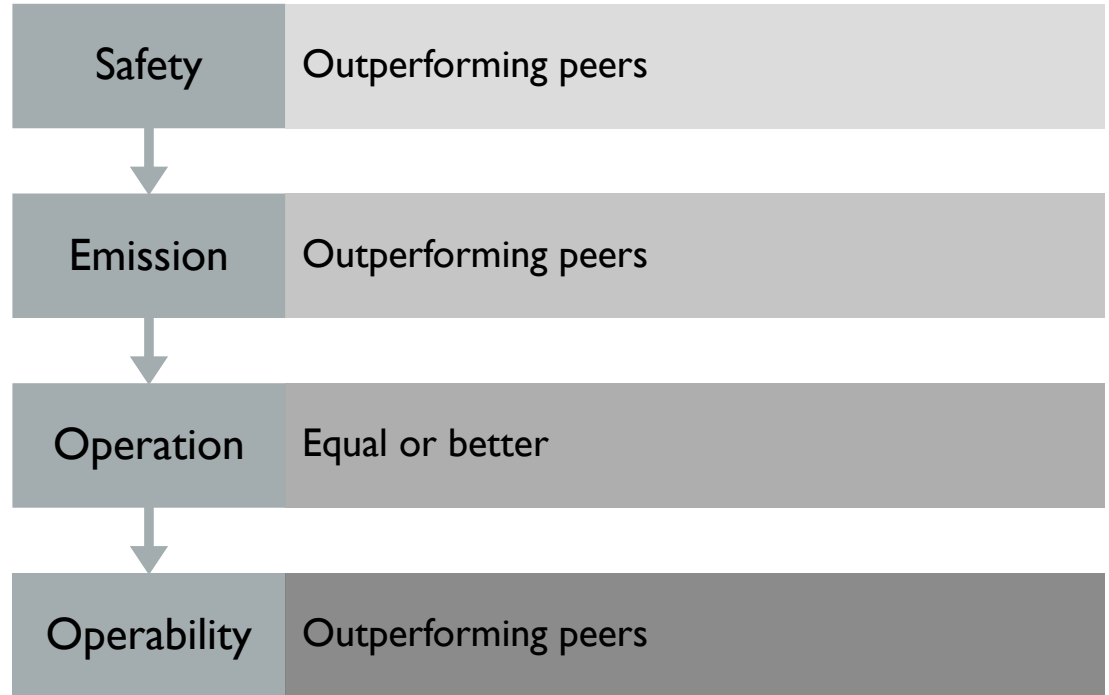




## 7<sup>TH</sup> GEN SEMISUB



### ■ OUTPERFORMING ON ALL KEY SUCCESS PARAMETERS



# 7<sup>TH</sup> GEN SEMISUB



## ■ WHAT DOES 7<sup>TH</sup> GEN MEAN?

### ▶ SAFER by design

- Reduced «Potential Incident Exposure Time» (PIET)
- Minimum manual handling & operations
  - Hands free drill floor
  - Hands free riser run / pull
  - Remote ops gooseneck
- Material handling
  - Lay out
  - X-mas tree handling
  - Sea fastening
- Automation reducing manual interface

### ▶ SMARTER by design

- Newest technology with most digitalized rig systems
- CADS, DEAL, drilling automation, driller assist, soft torque, OptiWOB

### ▶ FASTER by design

- True design giving unmatched motion characteristics
  - Extended Slip Joint
  - Staying connected and on location longer
  - Operational envelopes
- RamRig 3rd generation
- Quick connection riser
- Derrick and moonpool layout

### ▶ GREENER by design

- An average consumption of less than 20t/day
- ISO 50:001 certified
- Hybrid integrated in design
- Closed loop bus
- Energy Management System
- Power & heat re-generation
- Clean Design (Tier III) notation

# Dolphin drilling – a trusted partner



## We know the business

Strategic alignment between partner and Dolphin

In depth experience all aspects of offshore drilling

NCS experts in rig management and operational



## We know the industry

Dolphin are 56 years strong

Strong know-how operating rigs on the NCS



## We are here

Operating out of Stavanger

Digital operation center

Management, ops team and core competence located at Forus



**DOLPHIN**  
DRILLING