



RystadEnergy

# Offshore rig market overview

Riggvedlikeholdskonferansen 2022

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# The balancing act of the “Energy Trilemma” and how sentiment has moved with events

The energy system should be:

Secure



Ukraine invasion 2022



Where we should be



Focus since 2015



Energy crunch 2021



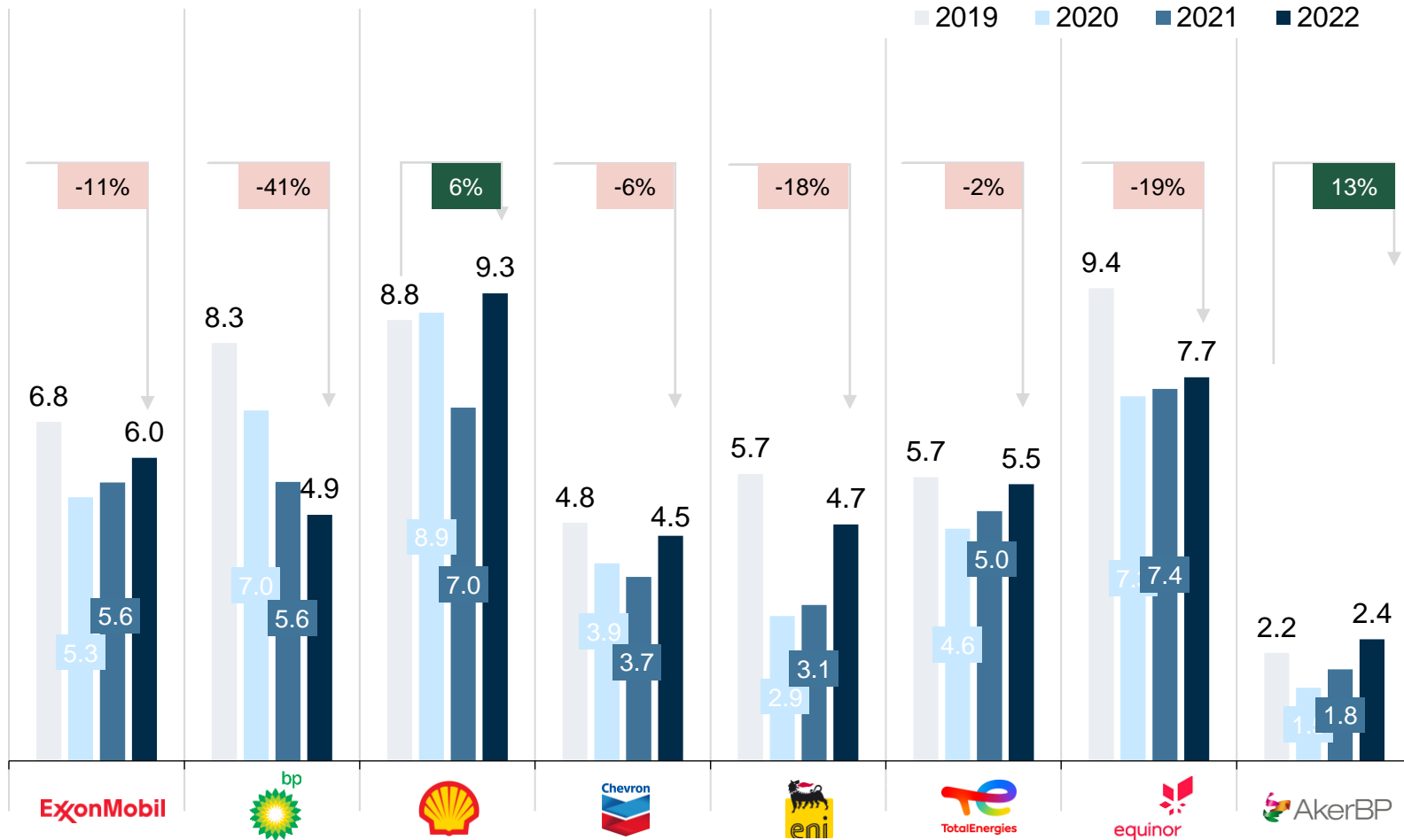
Sustainable



Affordable

# Uptick in offshore capex budgets in 2022, but still lagging pre-pandemic levels

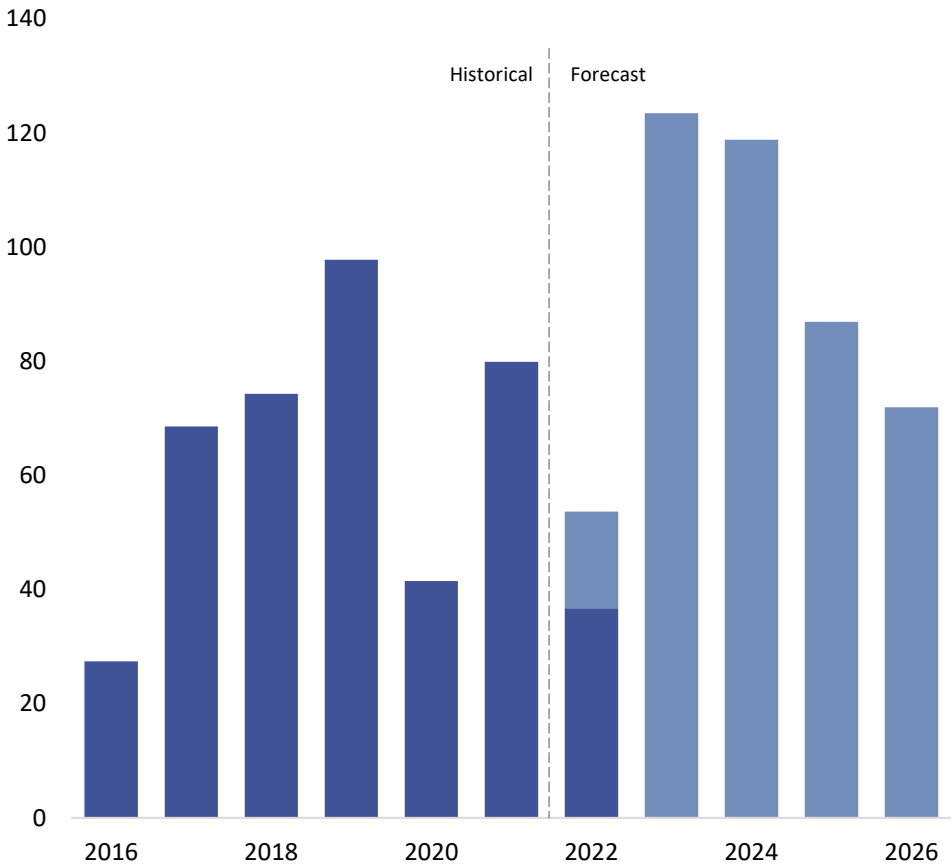
**Offshore upstream investments 2019-2022**  
USD Billion



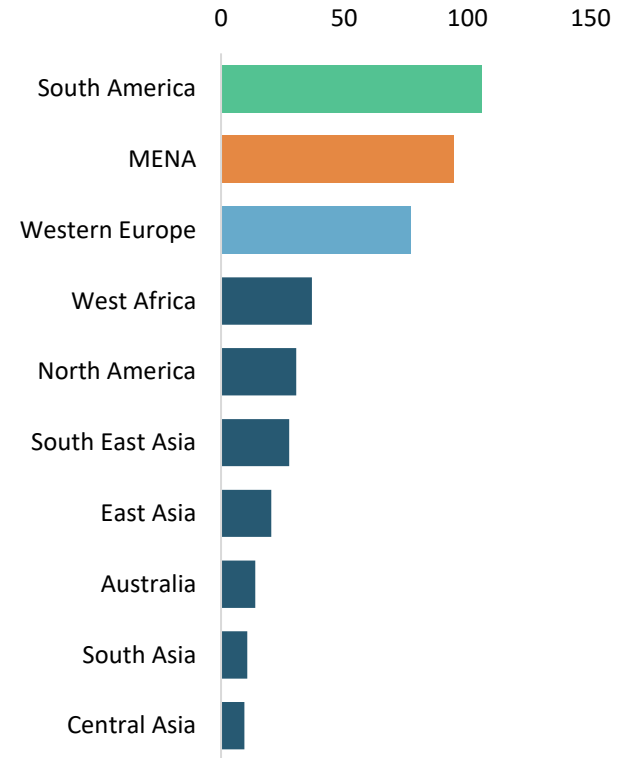
Source: Rystad Energy Ucube

# The next offshore investment wave is visible through the FID lineup

**Sanctioning of offshore greenfield investments (Capex committed each year)<sup>1</sup>**  
Billion USD



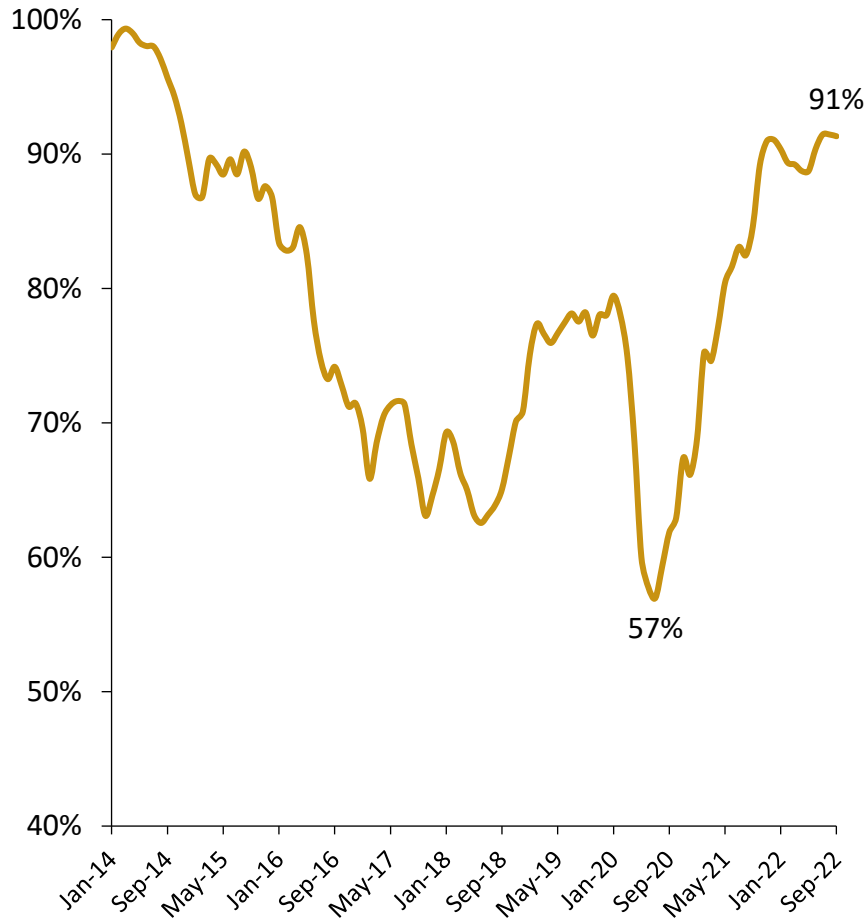
**Top 10 regions (2022-2026)**  
Billion USD



<sup>1</sup>100% of a projects greenfield Capex is allocated in the sanctioning/approval year. Actual spend is typically spread across the next 2-4 years depending on size, development solution etc.  
Source: Rystad Energy research and analysis; Rystad Energy UCube

# The harsh floater market is tightening, but higher activity within the drillship market

**Committed drillship utilization**  
Percentage



**Committed harsh floater utilization**  
Percentage



Source: Rystad Energy RigCube

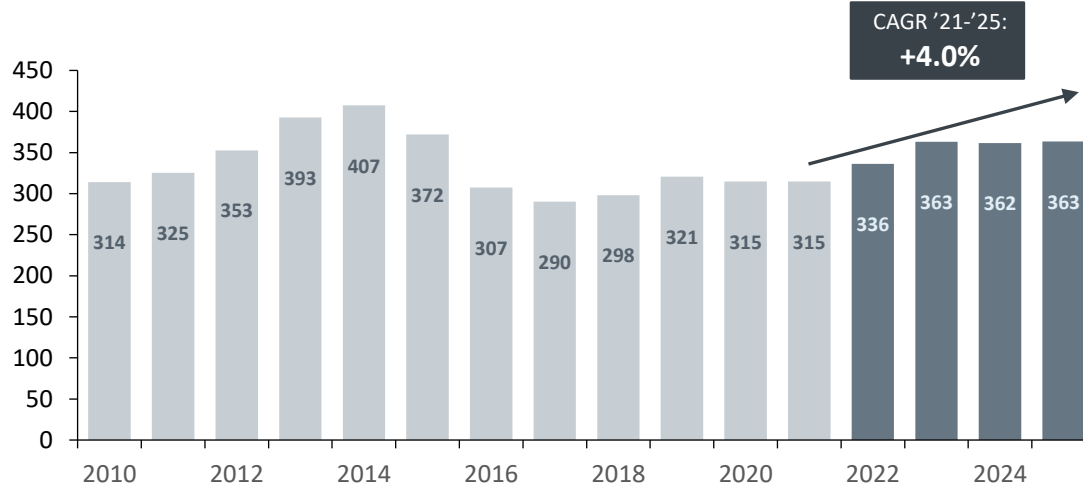
# Jackup and floater markets with different “signatures” in years to come

**Market**

**Demand profile (rig years)**

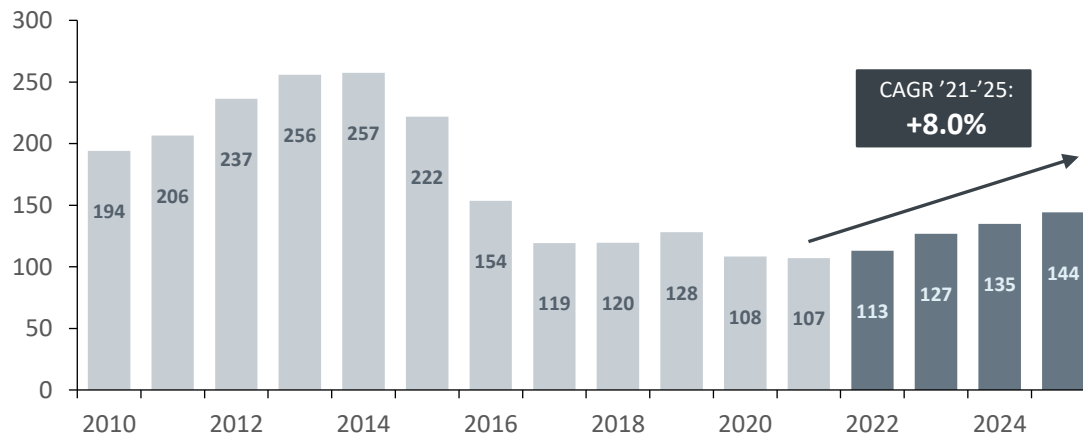
**Key trends**

Jackups



- Will enjoy short term uptick to deliver on incremental production
- Expect cool-off with commodity price normalization
- Middle East to gain significant market share

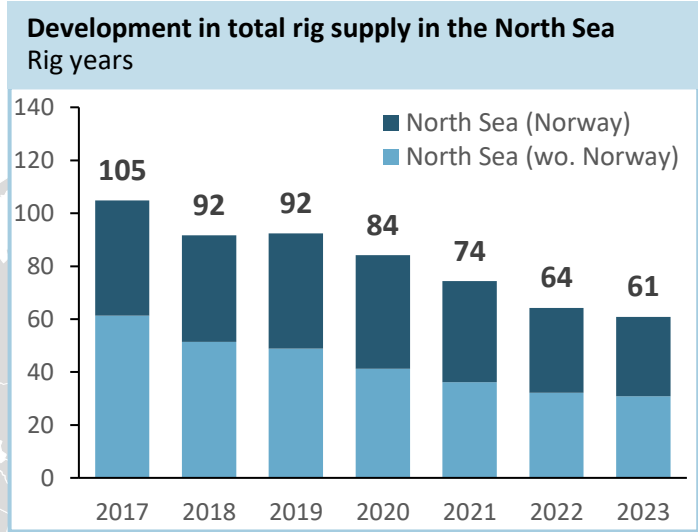
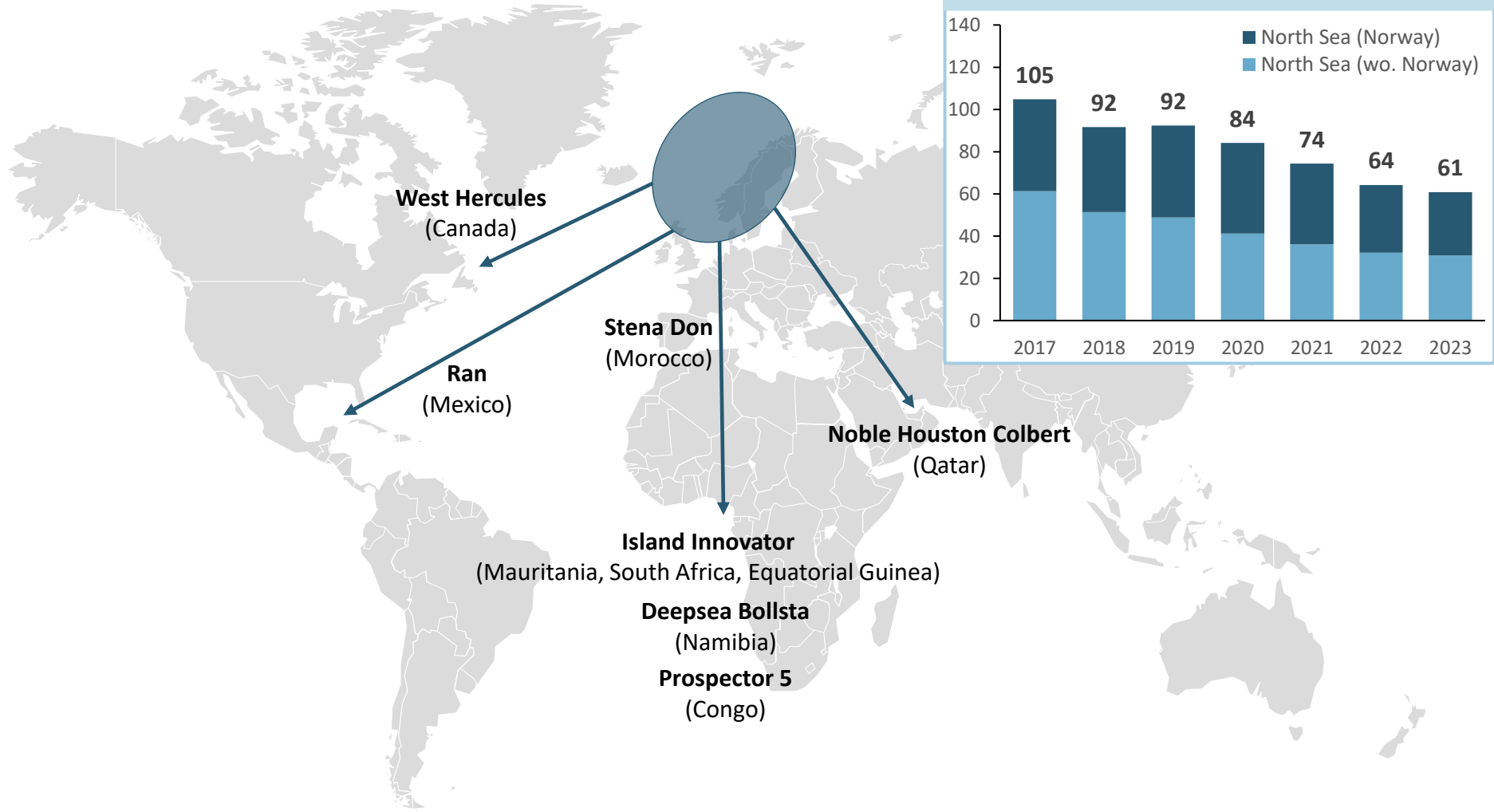
Floaters



- Still secular growth in development drilling
- Expect short-lived comeback in exploration during 2022/2023 but still structural reluctance longer term
- Golden triangle to continue its high relevance

Source: Rystad Energy RigCube

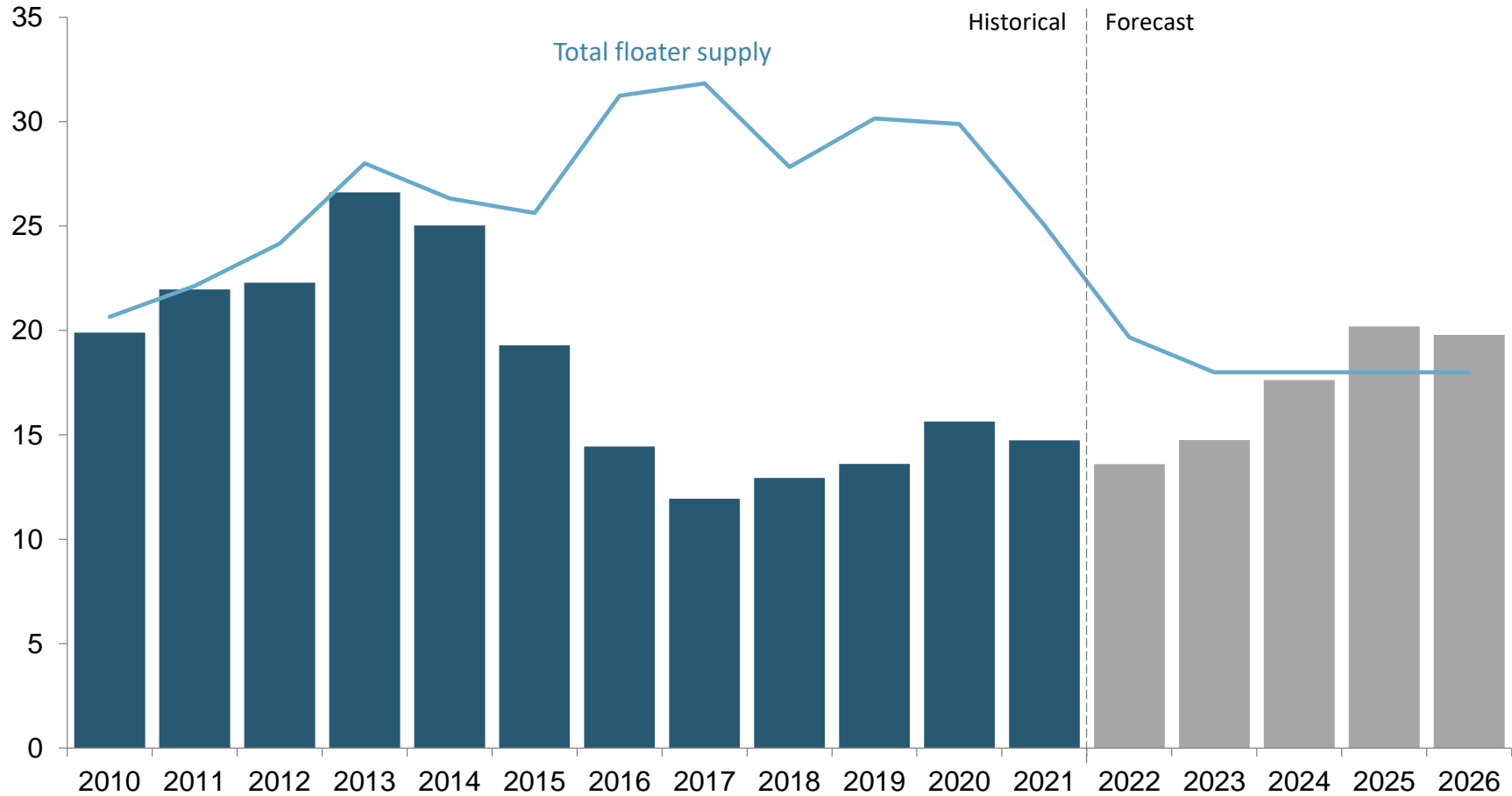
# Harsh rigs winning work outside the North Sea



Source: Rystad Energy RigCube

# Norway will need influx of floaters to meet upcoming demand

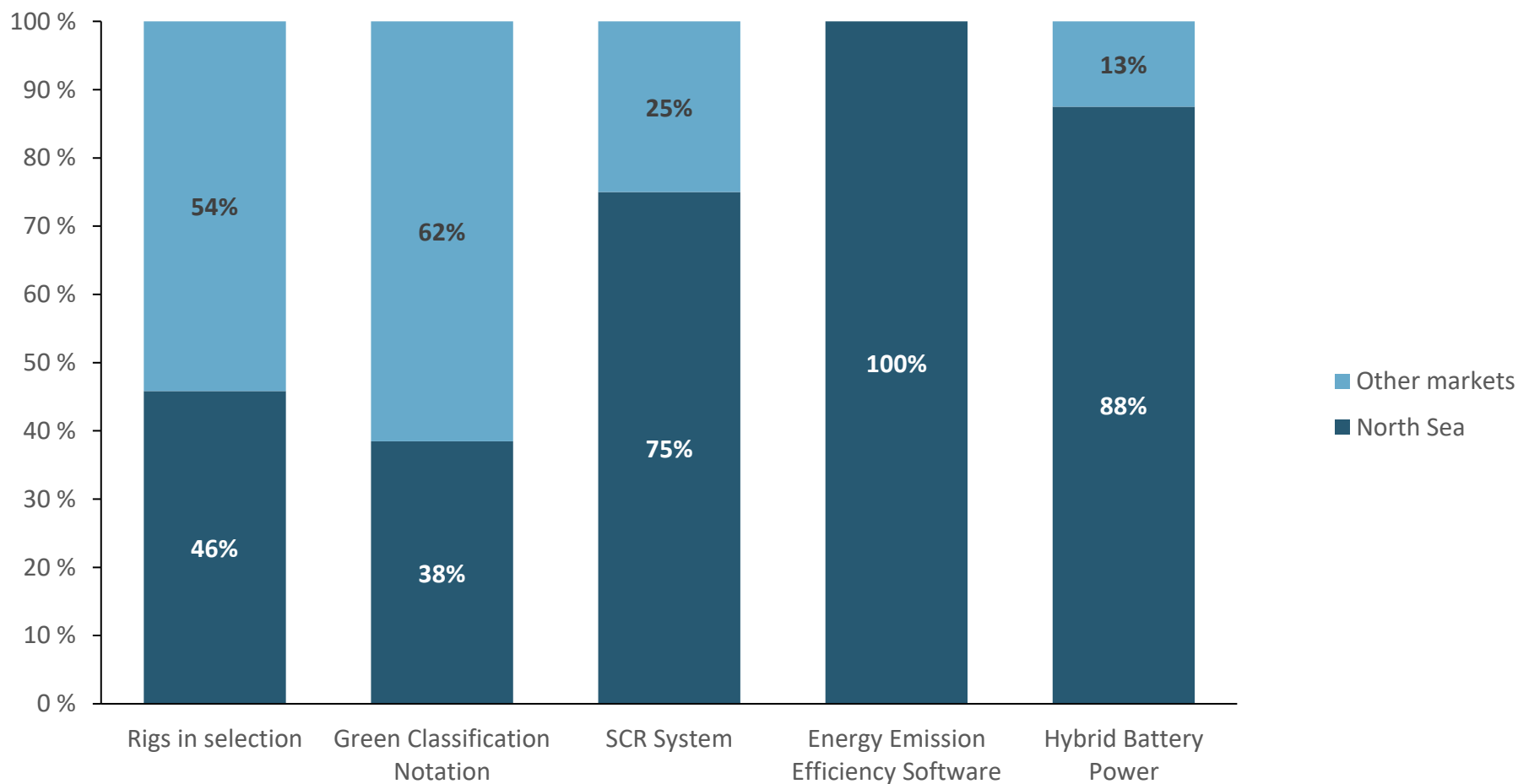
**Historical and forecasted floater demand - Norway**  
Rig years



Source: Rystad Energy RigCube



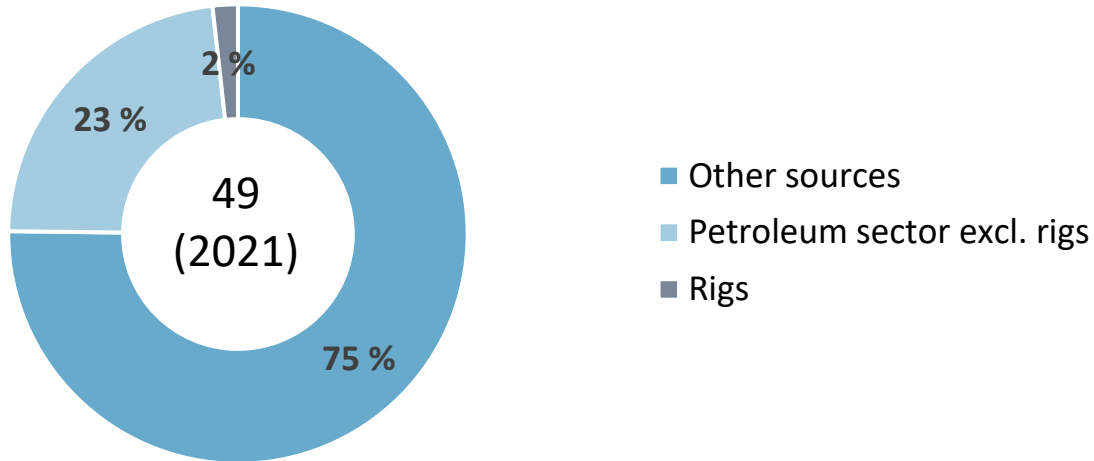
## Emission reduction technology – rigs in the North Sea leading the way

Rigs with emission reduction technology split by region  
Share

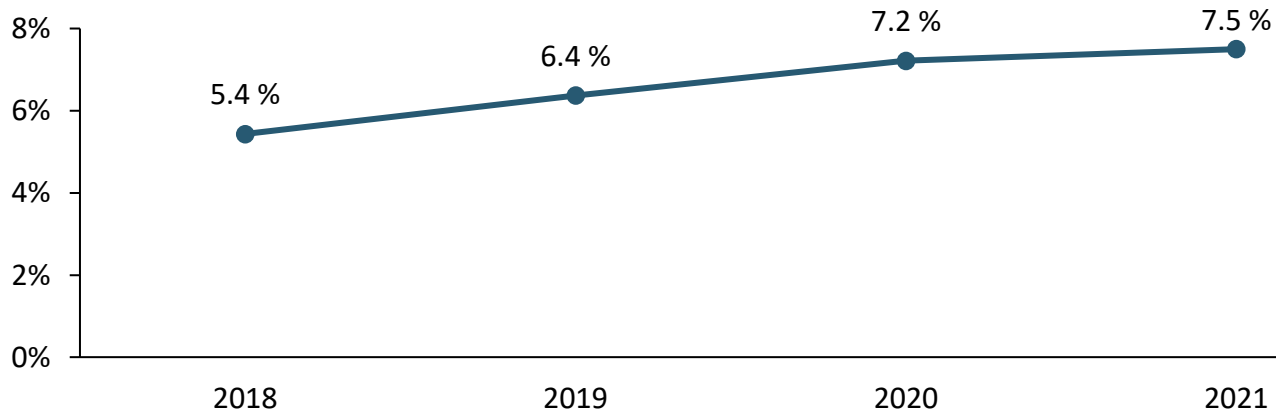
Note: Based on the current location of the rig  
Source: Rystad Energy RigCube

# Rig emissions has become increasingly important for the petroleum industry

**Emissions of GHG to air in Norway**  
Million tonnes CO<sub>2</sub> equivalents



**Rigs share of Norwegian oil and gas emissions**  
Percentage



Source: Norsk Olje og Gass; NPD; Rystad Energy offshore rig emissions dashboard



**RystadEnergy**

Navigating the future of **energy**

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