Manned Underwater Operations in Aker BP

Experience and Future Strategy

Marie Ravnestad, Alvheim Project Director Bergen International Diving Seminar 13th November 2019



Aker BP portfolio overview



Alvheim area (operator)

High production efficiency and continued resource growth



Valhall/Hod (operator)

Billion barrels produced, ambition to produce another billion



Ivar Aasen (operator)

Pioneering digital operations model



Skarv / Ærfugl (operator)

Strong base performance and area upside potential



Ula/Tambar (operator)

Late life production with significant upside potential



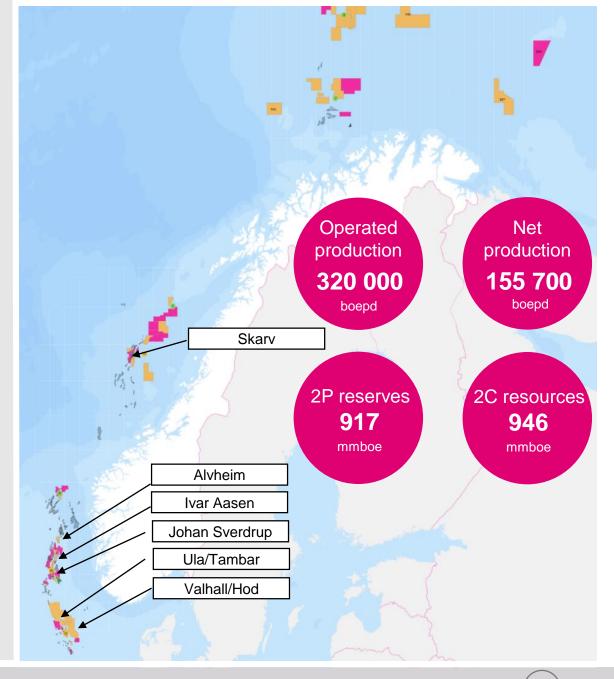
Johan Sverdrup (partner)

World class development with superior economics



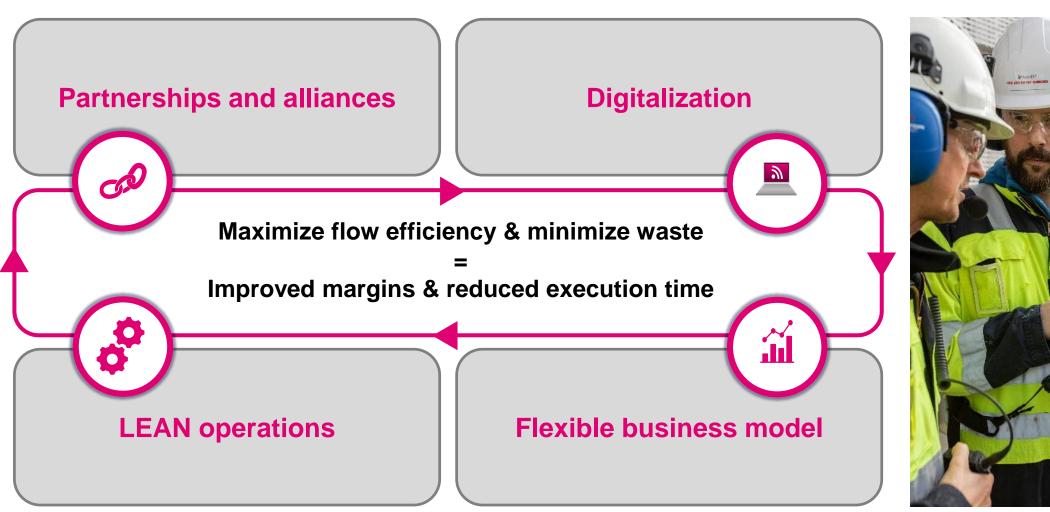
NOAKA (operator)

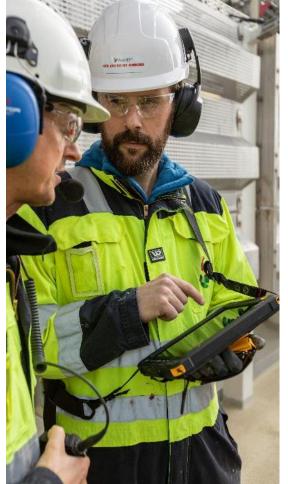
Targeting an area development

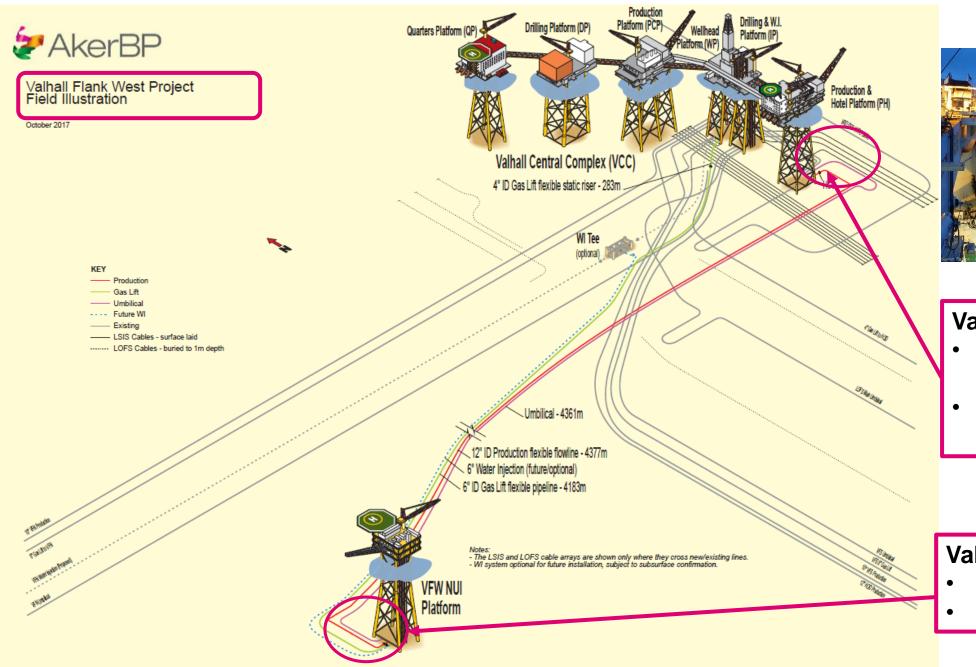


RECONSTRUCTING THE WAY WE OPERATE OUR BUSINESS

Aker BP's four main improvement pillars









Valhall Flank West 2019

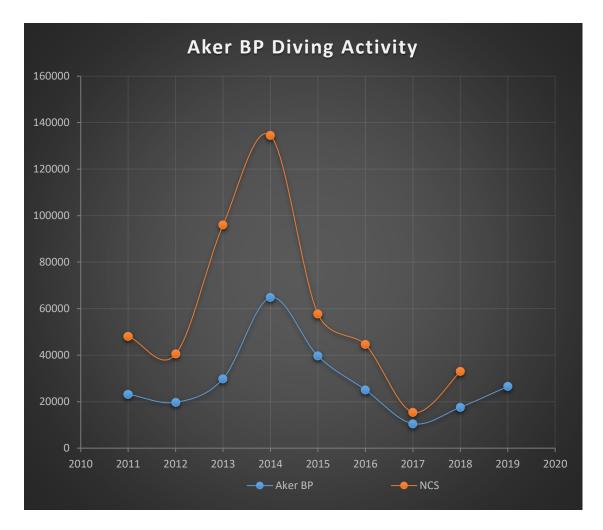
- 1 x Diver 12" BHGE Flexible Tie-in.
- 42Te. Steel Protection Cover

Valhall Flank West 2019

- 2 Diver Tie-ins
- 6" & 12" Flexibles

Diving Activity and DSV Days

Manhours in Saturation

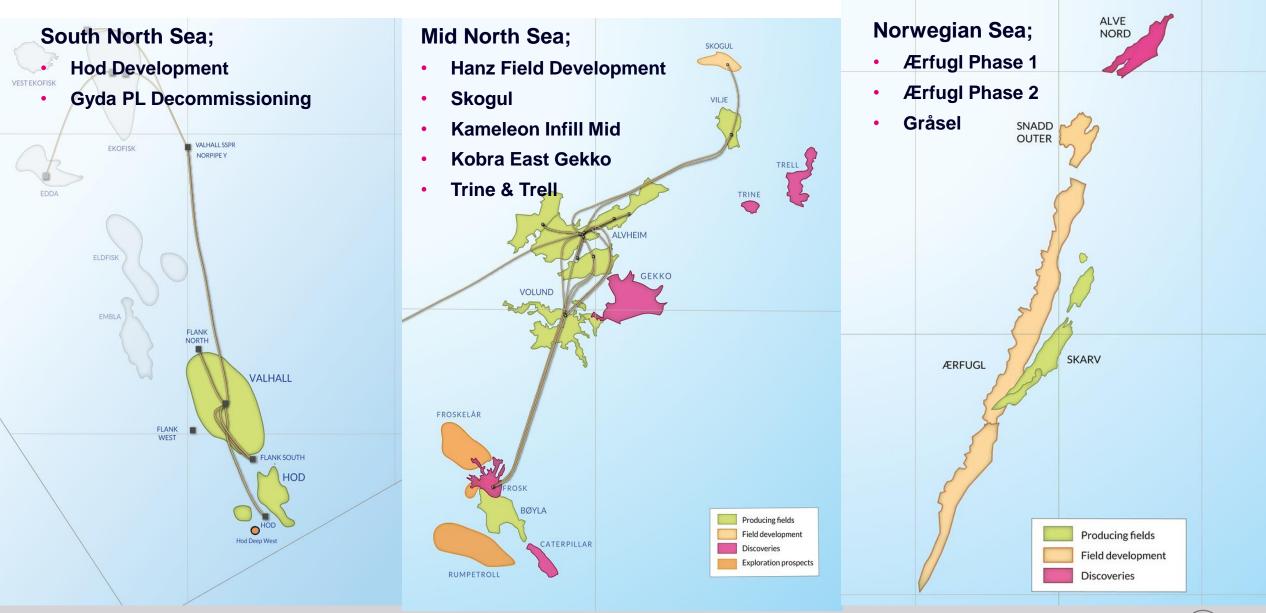








New Projects



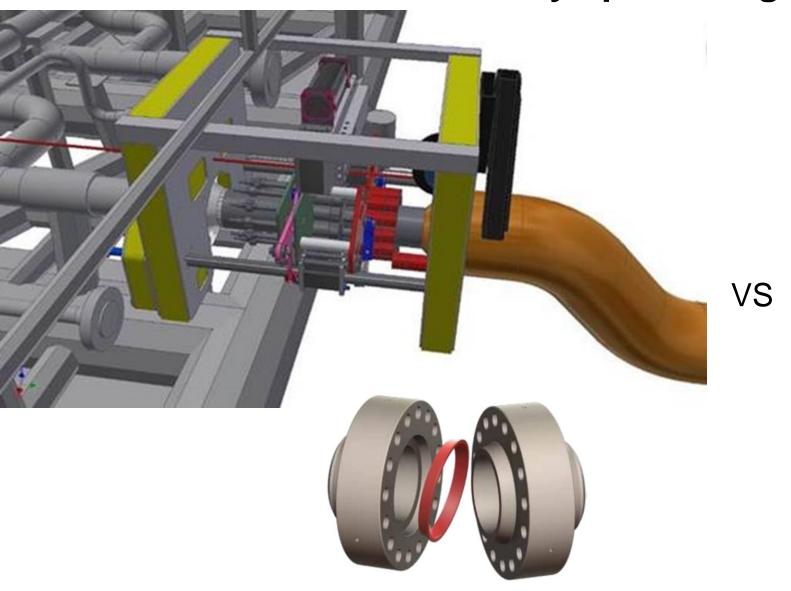
AkerBP

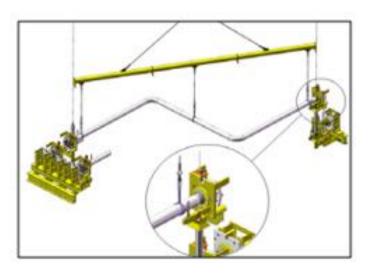
Strategy for Manned Underwater Operations

- Installation, repair and maintenance on existing subsea systems
- Digitalization and remote control
- New developments to standardize on new technology

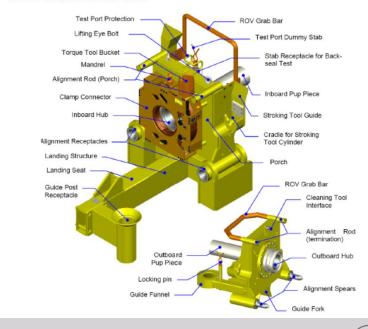


Remote tie-in of diver friendly spool flanges





HCCS TIE-IN DESCRIPTION



In Summary

- Aker BP move towards more remote controlled operations. However, benefits of manned underwater intervention vs remote controlled intervention to be evaluated in the select phase of a project.
- Aker BP will continue to use diving intervention for installation, repair and maintenance on existing subsea systems
- Aker BP need to have diving as an available intervention method for our projects for the foreseeable future.



Disclaimer

■ This Document 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 Document 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 BP ASA's 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 BP ASA's 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 Document. Although Aker BP ASA believes that its expectations and the Document 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 Document. Aker BP ASA is making no representation or warranty, expressed or implied, as to the accuracy, reliability or completeness of the Document, and neither Aker BP ASA nor any of its directors, officers or employees will have any liability to you or any other persons resulting from your use.



www.akerbp.com