

Preparing Our People for Tomorrow

UDT 2021

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Who are we..

Company overview

Key assets



Alvheim area (operator ~65%)

High production efficiency and continued resource growth



Valhall/Hod (operator 90%)

Billion barrels produced, ambition to produce another billion



Ivar Aasen (operator ~35%)

Pioneering digital operations model



Skarv / Ærfugl (operator 24%)

Strong base performance and area upside potential



Ula/Tambar (operator 15 – 80%)

Late life production with significant upside potential



Johan Sverdrup (partner 11,6%)

World class development with superior economics



2021 estimates*

Production
210-220
mboed

Oil-weighted
~80%
liquids

Prod.cost
8,5-9,0
USD/boe

Tot.resources
1,74
billion boe**

CO2-emissions
<5
kg CO2 per boe prod

Our contribution as a pure play oil & gas company



**Maximise
value**

Produce efficiently to
return high value from
oil & gas resources to
our stakeholders



**Minimise
emissions**

Reduce emissions
from our operations
focusing on the
total footprint



**Improve
and share**

Contribute with
data, know-how and
technology to other
industries



The context around us is changing..

At the same time, our context is changing



Energy Transition pressure on Oil & Gas industries. Majors are shifting their strategies



Unprecedented oil market uncertainty, amplified by Covid-19 crisis. New Normal



Capital outflow from the Energy sector



~50% yet to find on the NCS, but discoveries are small and Barents has disappointed



Fierce competition to improve productivity, and a digital program is “table stakes”. Realising that digital transformation of heavy industry takes time

The future – from Aker BP's perspective..



What does success look like for digitalization in Aker BP?

Autonomous drilling and highly automated well planning

Improved HSSE performance

Expert systems for automated engineering & design, manufacturing and fabrication

Unmanned installations with highly automated onshore control and autonomous **production optimization**

Highly **automated subsurface modelling** and insight



Campaign based maintenance and inspection supported by **robotics, predictive algorithms** and “**twin-reality**”

Simulation of first oil before investment decision

Self orchestrating supply and logistics chain



DATA LIBERATION



THE FUTURE HAS ARRIVED

Aker BP the technology company

Forbes

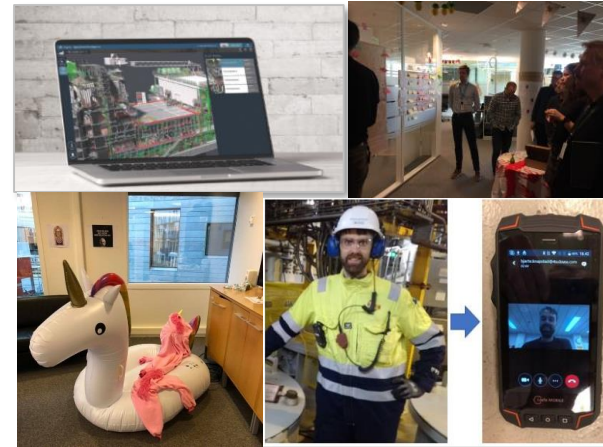
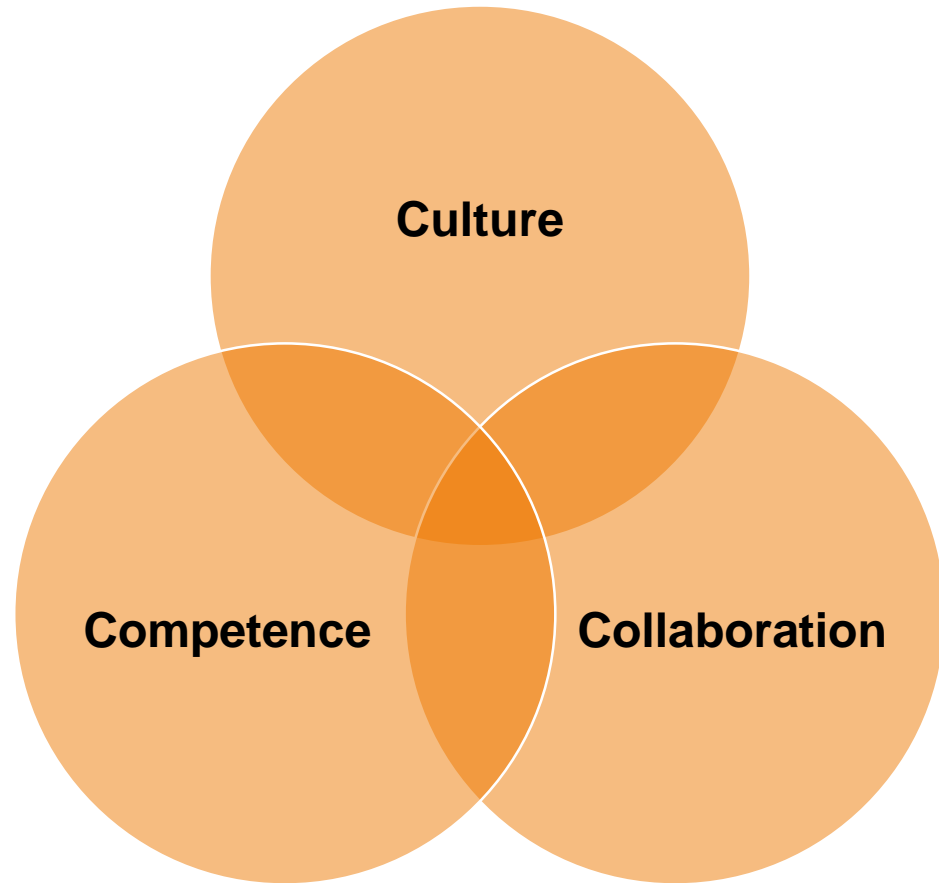
Aker BP's Mathematician CEO Says His Tech Company Just Happens To Produce Oil

In an exclusive interview, Karl Johnny Hersvik opines that the oil and gas sector's key consideration is 'cost per barrel' and incremental digitization is his great enabler in that fight.



Preparing for tomorrow: what is needed and what are we doing..

New ways of working



Eureka X – our digital lab

Agile & start-up culture
(project to product culture)



Competence

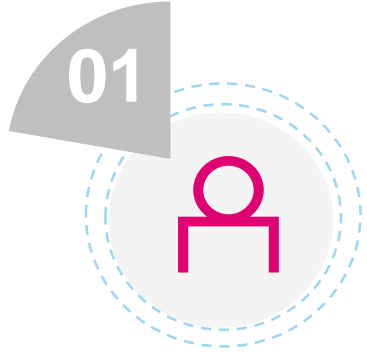
Shifting focus from individual to team learning



Collaboration - Learning & sharing

Best company for the job

Aker BP Data Literacy Sub-Personas



**Data & Analytics
Sponsor**



**Data & Analytics
Ambassador**



**Business
Translator**



**Citizen Data
Scientist**



**Data Scientist /
Modeler**

-  The Storytelling Executive
-  The Silo-Breaking Executive
-  The Business Model Disruptor

-  The Quality Ambassador
-  The Asset-Driven Ambassador
-  The Ideator Regulator
-  The Partner Influencer
-  The Asset Strategist
-  The Security Guard

Consumers

Creators

-  The Data-Driven Storyteller
-  The Art of the Possible Adventurer
-  The D&A Learner

-  The Hybrid
-  The Offshore Translator
-  The Alliance Partner Translator



-  The Citizen Integrator
-  The Exploratory Engineer
-  The Aspiring Data Scientist
-  The Implementer

-  The Expert Modeler
-  The Data Science Learner

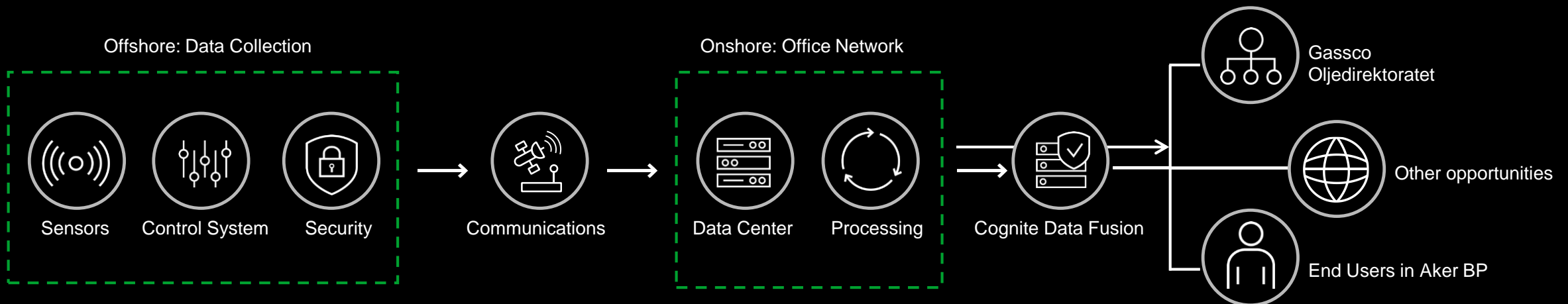


The digital journey for Aker BP

Various steps towards upskilling the whole of organization



- Building critical skills & competencies
- Strengthen the current & future leadership
- Implement change management





AkerBP

THANK YOU

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