

New Ways of Working i Aker BP

Inspeksjon og vedlikehold

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Aker BP – The E&P company of the future

High quality pure play oil and gas operating on the Norwegian Continental shelf

- ✓ Distinct capabilities driving E&P operator excellence
- ✓ World-class assets with industry-leading performance
- ✓ Large opportunity set with clear pathway for profitable growth
- ✓ Financial frame designed to maximise value creation and shareholder return





SAFE

SØKENDE

Vi er nysgjerrige og jobber for nye og bedre løsninger.

ANSVARLIG

Vi setter sikkerhet først og arbeider for å skape verdier for våre eiere og samfunnet.

FORUTSIGBAR

Vi bygger tillit og omdømme gjennom forutsigbarhet og konsekvent adferd.

ENGASJERT

Vi er engasjert i hverandre, selskapet og samfunnet.

RESPEKTFULL

Vi har høye etiske standarder, respekt for de vi jobber med og verdsetter mangfold.

World-class assets on the Norwegian Continental Shelf

Production

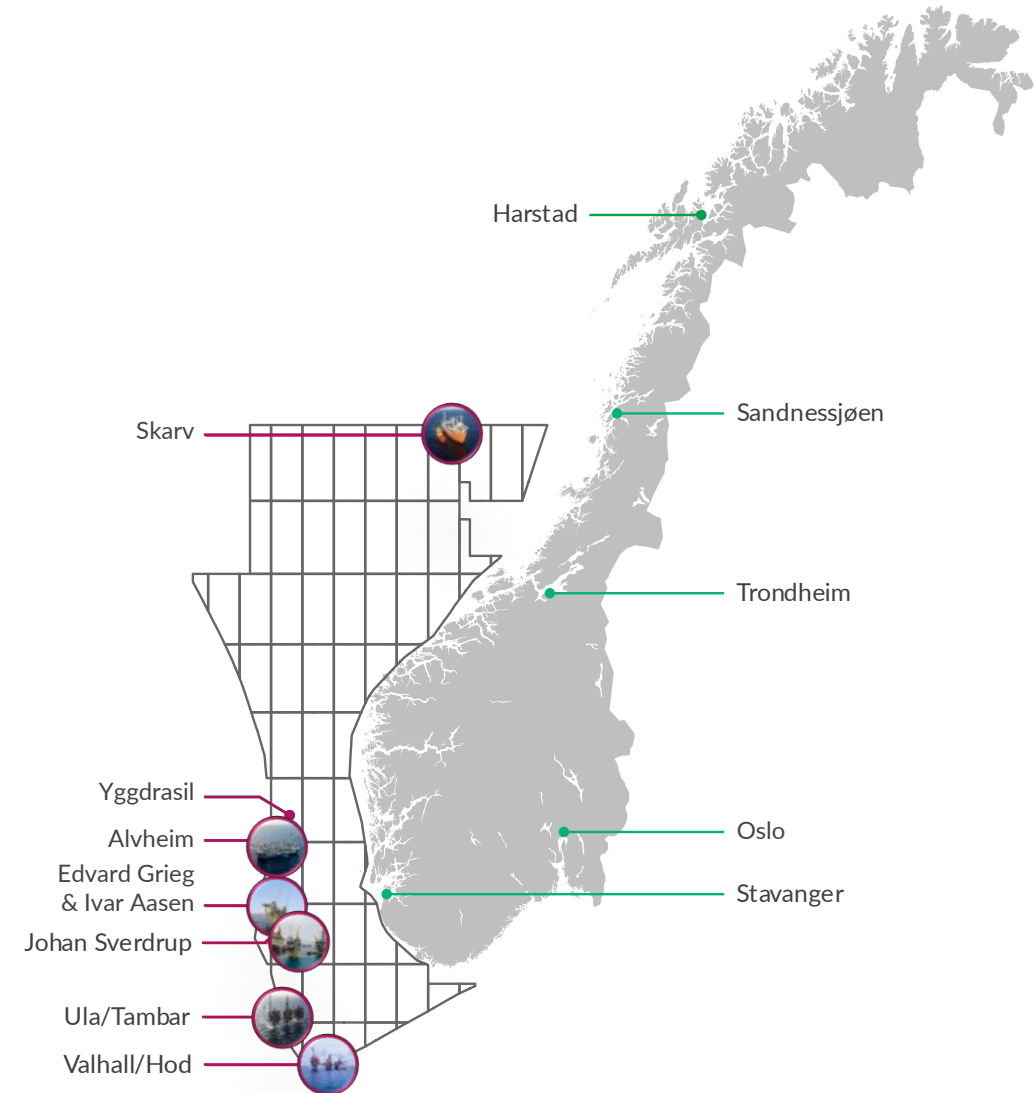
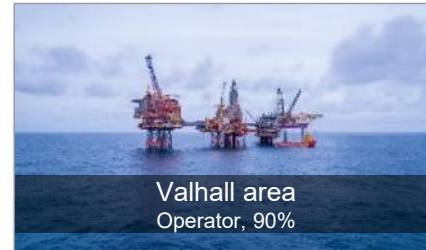
420
mboepd

Production cost

7.3
USD/boe

Emission intensity

2.8
kg CO₂e per boe

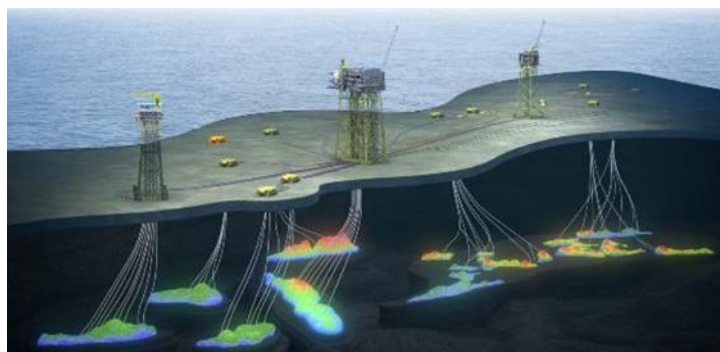


Current field developments driving growth and value creation

Net volume ~800 mmbœ | Net capex USD ~3 billion after tax | Portfolio BE at USD 35-40 per barrel¹

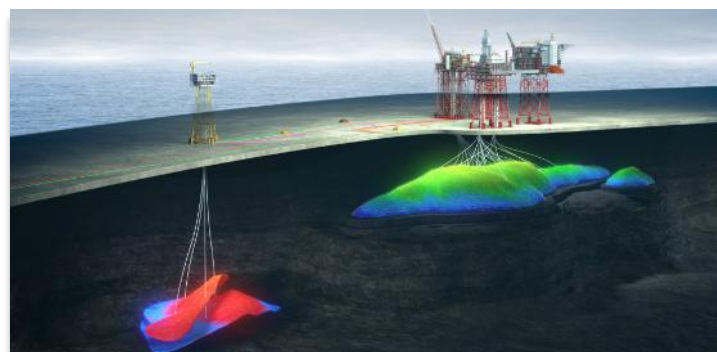
Yggdrasil Net ~450 mmbœ

- New area hub with several discoveries
- Significant exploration upside potential. East Frigg discovered and added to plan
- Capex USD 11.1bn (pre-tax)



Valhall PWP/Fenris Net ~190 mmbœ

- New platform at Valhall and UI at Fenris
- Modernising Valhall field centre and enabling development of Fenris gas field
- Capex USD 5.5bn (pre-tax)



Tie-back projects at Alvheim, Skarv and Grieg Aasen Net ~170 mmbœ

- Nine tie-backs to existing infrastructure – four of these are now in production
- Low breakeven oil price, high returns, and rapid payback time
- Capex USD 4.0bn (pre-tax)



1) Break-even oil price using 10% discount rate

The field of the future

Setting the standard in field operation and development



**Unmanned
platforms**

**Technology and
digital excellence**

**Remote operation
and “walk-to-work”**

Vi skaper fremtidens driftsenhet



Vi leverer sikker, pålitelig og effektiv drift gjennom assetene



Flytte arbeid fra hav til land og sentralisere funksjonelle leveranser



Oppnå datadrevet optimalisering av anlegg, produksjon og aktivitetssett




Forsterke funksjonenes leveranse gjennom standardisering, digitale verktøy og lærende team



Styrke organisatoriske grensesnitt og strategiske leverandørforhold

Planlegging av vedlikehold og inspeksjon i fremtiden

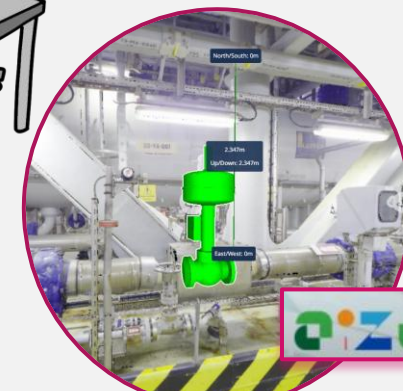
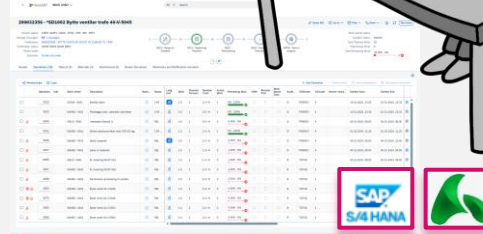
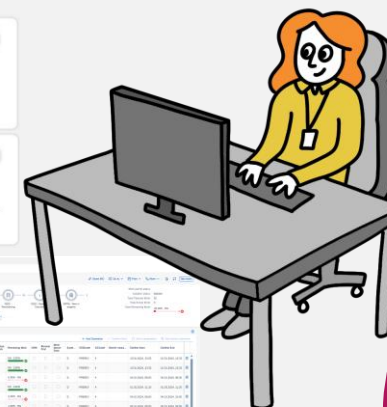
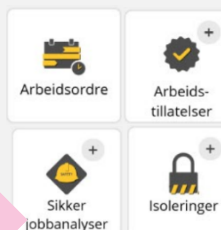
Hva sier operasjonsstrategien?



Condition-based maintenance (CBM): CBM, supported by risk-based assessments, shall be our preferred approach where applicable. Operation shall leverage auto generation of notifications, real-time condition monitoring techniques and aiming for prescriptive maintenance.

Onshore planning and preparation: Planning of all work including preparation of work permits, safe work analysis and isolations shall be performed onshore, such that the executing technicians may utilize the offshore time more efficiently.

Offshore execution: Offshore execution teams shall only perform hands-on time on tool. Time on tool is defined as all activities necessary to execute work (e.g., job briefs, Safe Job Analysis (SJA), tool, material and worksite preparation, verification and setting of isolations, cleaning and post job activities). Administrative work and planning activities shall not be performed by the offshore execution team. Planning and execution of break-in work that jeopardizes personnel safety and production is accepted to be performed offshore.

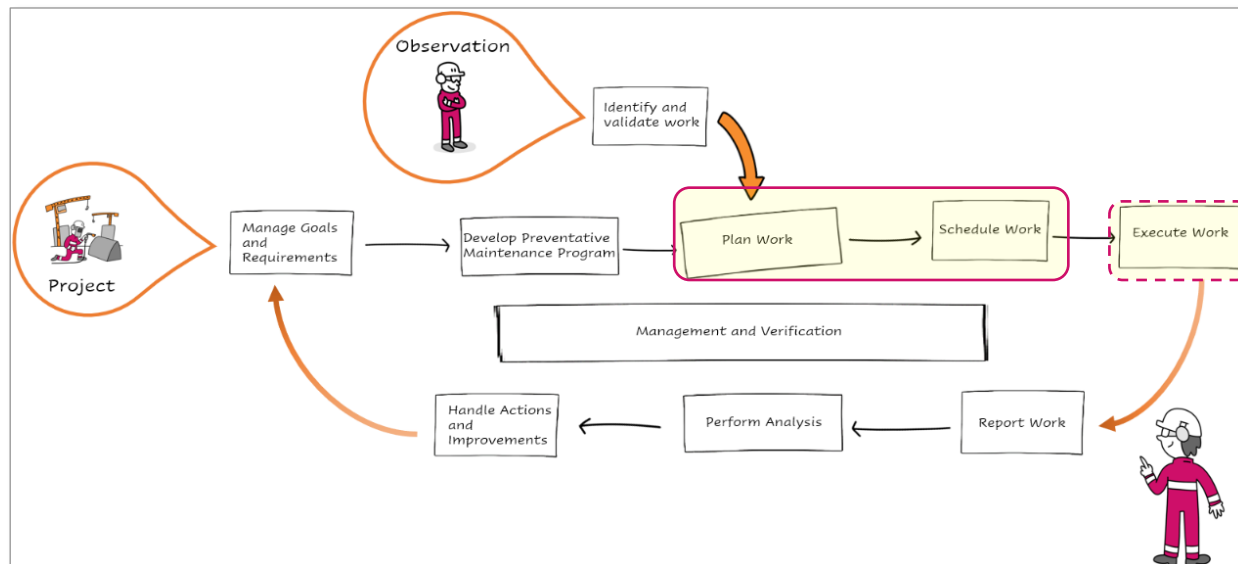


Campaigns and bundling of activities: Operation shall maximize the use of campaign-based execution and bundling of activities to optimize the use of resources, tools, and materials.

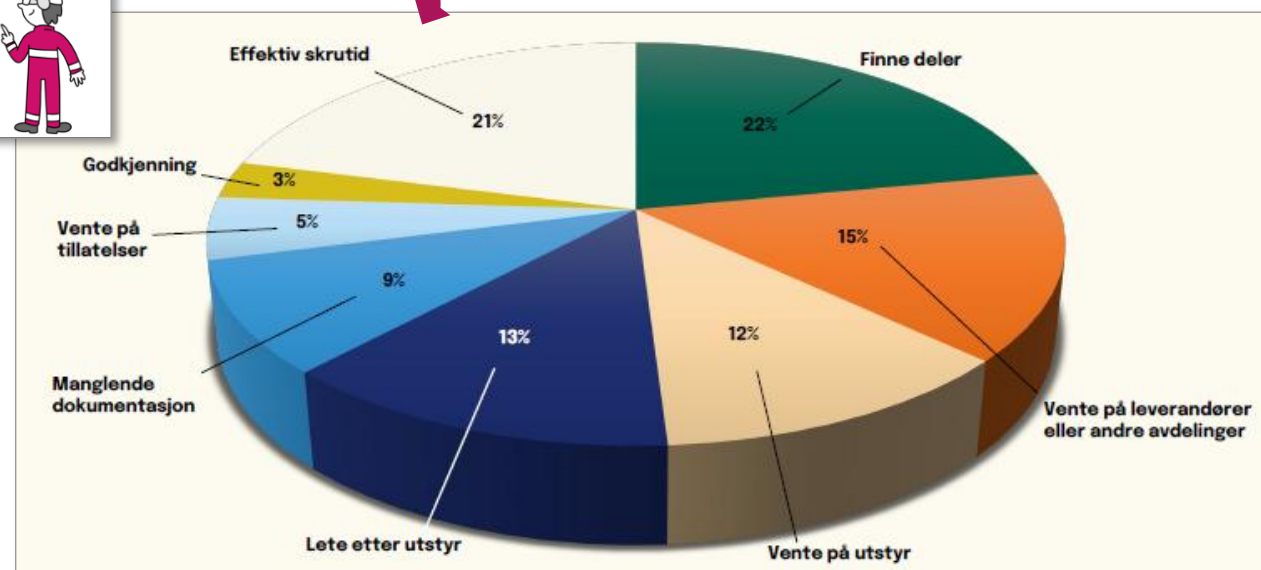
Digital twins in Operation: All assets shall have digital twins connected to live data streams. A digital twin is a virtual representation of a system or facility, integrating models and data to provide decision support throughout asset lifecycle.

Vedlikeholdsplanlegging

En nøkkeldriver for effektiv gjennomføring (skrutid)

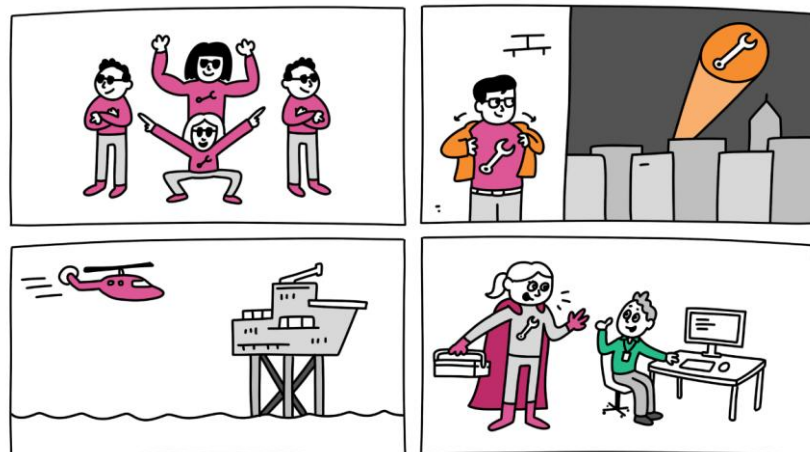


Kvaliteten og modenheten i prosessene for vedlikeholdsplanlegging og skedulering (scheduling) har **direkte påvirkning på effektiv gjennomføring offshore.**

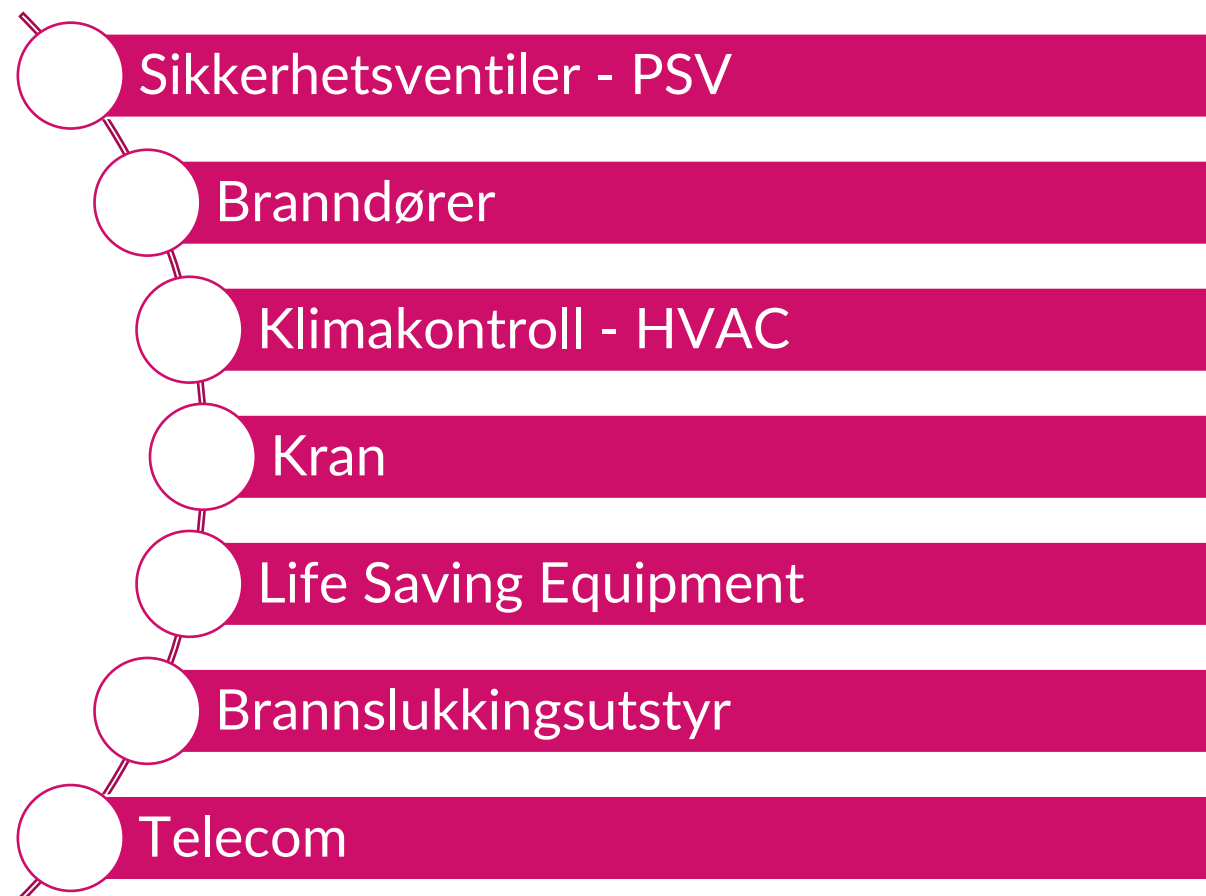


Spesialisert vedlikehold

Grunnlaget for en dynamisk og fleksibel organisasjon



- Sentralt offshore-team som jobber på tvers av assets i kampanjer
- Består av spesialister innen definerte utstyrsgupper
- Hovedfokus på forebyggende vedlikehold
- Tett samarbeid med leverandører, med etablering av faste team med én Aker BP-ressurs + leverandørressurser
- Bidrar til økt utstyrskompetanse i kjernebemanningen



Inspeksjon og overvåkning

Hva sier operasjonsstrategien?

Maintenance and inspection activities shall be risk based. This will ensure that asset systems and equipment fulfil their required functions and keep all safety and production critical systems intact at any time, minimising the need for manual intervention.

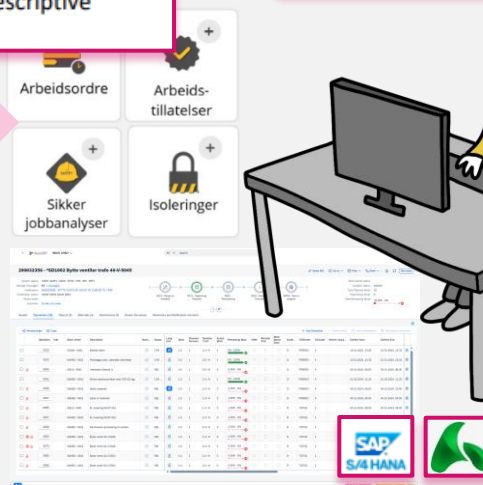
Use of robotics and drones: Use of robotics and drones shall be an integrated part of observation, inspection and task execution offshore. Robotics and drones shall be autonomous or controlled remotely at location or from shore.

Condition-based maintenance (CBM): CBM, supported by risk-based assessments, shall be our preferred approach where applicable. Operation shall leverage auto generation of notifications, real-time condition monitoring techniques and aiming for prescriptive maintenance.

Offshore execution: Offshore execution teams shall only perform hands-on time on tool. Time on tool is defined as all activities necessary to execute work (e.g., job briefs, Safe Job Analysis (SJA), tool, material and worksite preparation, verification and setting of isolations, cleaning and post job activities). Administrative work and planning activities shall not be performed by the offshore execution team. Planning and execution of break-in work that jeopardizes personnel safety and production is accepted to be performed offshore.

Handheld devices and headset: Personnel working on facilities shall use handheld devices (HHD) and headset to access relevant information, perform work directly in source systems and collaborate with remote engineers/specialists.

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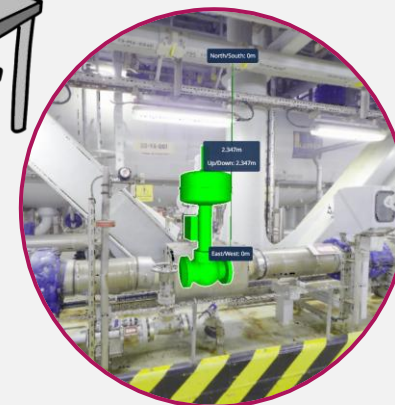


Arbeidsordre Arbeids-tillatelser

Sikker jobbanalyser Isoleringer

SAP S/4 HANA

Order ID	Order Description	Status	Priority	Created	Modified
10000001	Order 1	Open	High	2023-10-26	2023-10-26
10000002	Order 2	In Progress	Medium	2023-10-25	2023-10-26
10000003	Order 3	Completed	Low	2023-10-24	2023-10-25
10000004	Order 4	Open	High	2023-10-26	2023-10-26
10000005	Order 5	In Progress	Medium	2023-10-25	2023-10-26



New Ways of Working i praksis

Aker BP og Aker Solutions fullfører første, fjernstyrte offshore droneflyvning

Aker BP og Aker Solutions har oppnådd en viktig milepæl i fjernstyringen av droner i offshore-operasjoner.

Droneoperasjon
Aker BPs Edvard
plattform mens

02.06.2025



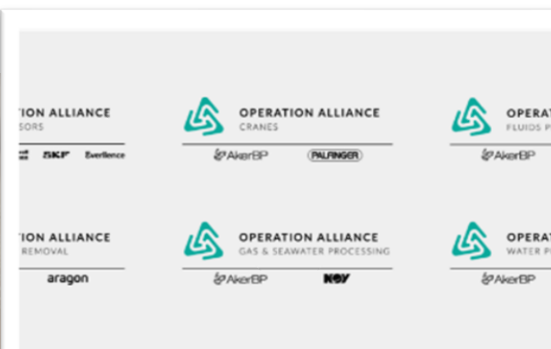
Aker BP inngår kontrakt på Walk-to-Work-fartøy

12.05.2025



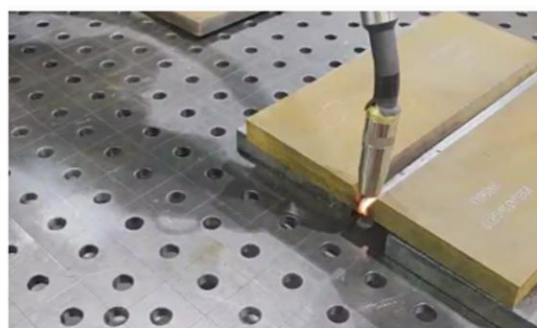
Operation alliances skal løfte fremtidens drift

15.12.2025



Vellykket pilottest på digital, robotisert sveis i trange områder

30.12.2025

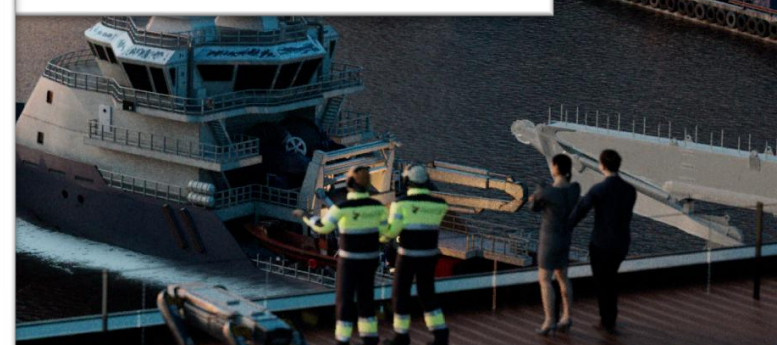


ADA AKER DIGITAL ALLIANCE

AkerBP Aker Solutions COGNITE OZE

Aker Digital Alliance skal forme fremtidens digitale olje- og gassindustri

19.11.2025



<https://akerbp.com/nyheter/>



Nye felt, fjernoperasjoner og lav-/ubemannede installasjoner krever nye arbeidsformer

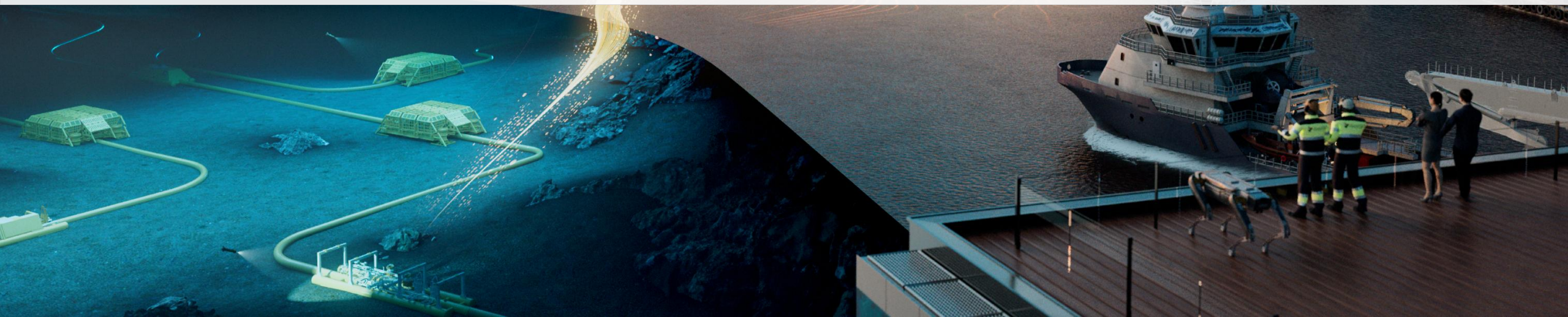


Vi flytter arbeid fra hav til land og styrer smartere – med data, teknologi og standardiserte prosesser



Sikker, pålitelig og kosteffektiv drift gjennom samspill med tverrfaglige fagmiljøer, digitale verktøy og sterke leverandørallianser

***New Ways of Working betyr at vi transformerer måten vi jobber på
og gjør oss rustet til å løse morgendagens utfordringer***





www.akerbp.com