



Mennesker i Det norske og Ivar Aasen

NTNU

Geir W. Hjelmeland

Ivar Aasen Field Manager



Ivar Aasen

Aligned – one team regardless of location

her er noen keywords som du kan gjerne benytte for å bygge foredraget på.

Tema for foredraget er (Mennesker i Det norske)

- Hvordan vil du beskrive organisasjonskulturen i Det norske? Og vurder hvordan denne kulturen innvirker på prosjektutvikling.

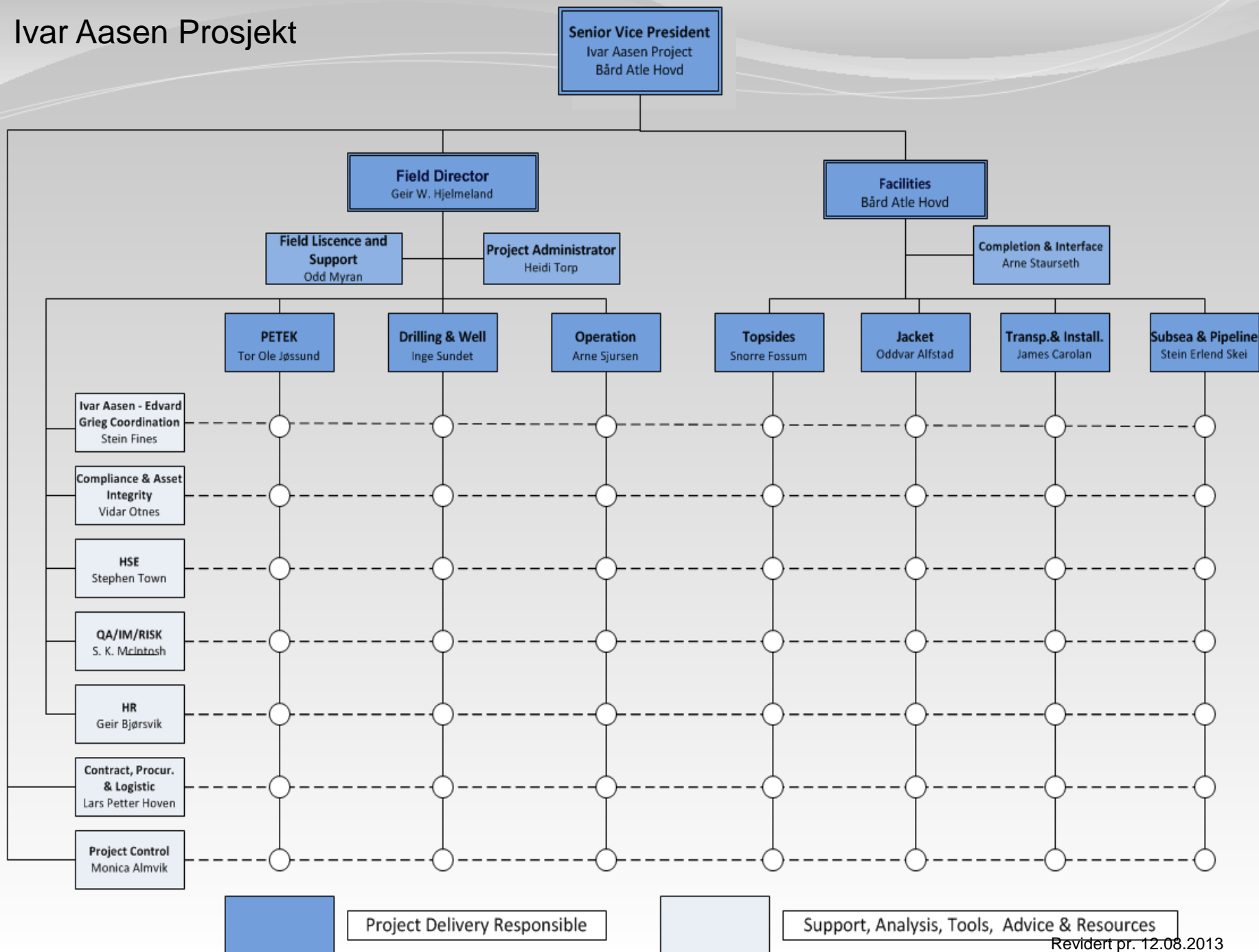
Hvordan Det norske utøver begrepet lederskap i prosjekter? Hvilke personlige egenskaper må en god prosjektleder ha i Det Norske?

- Identifiser hovedstyrker og svakheter i måten DetNorske utøver prosjektledelse på.

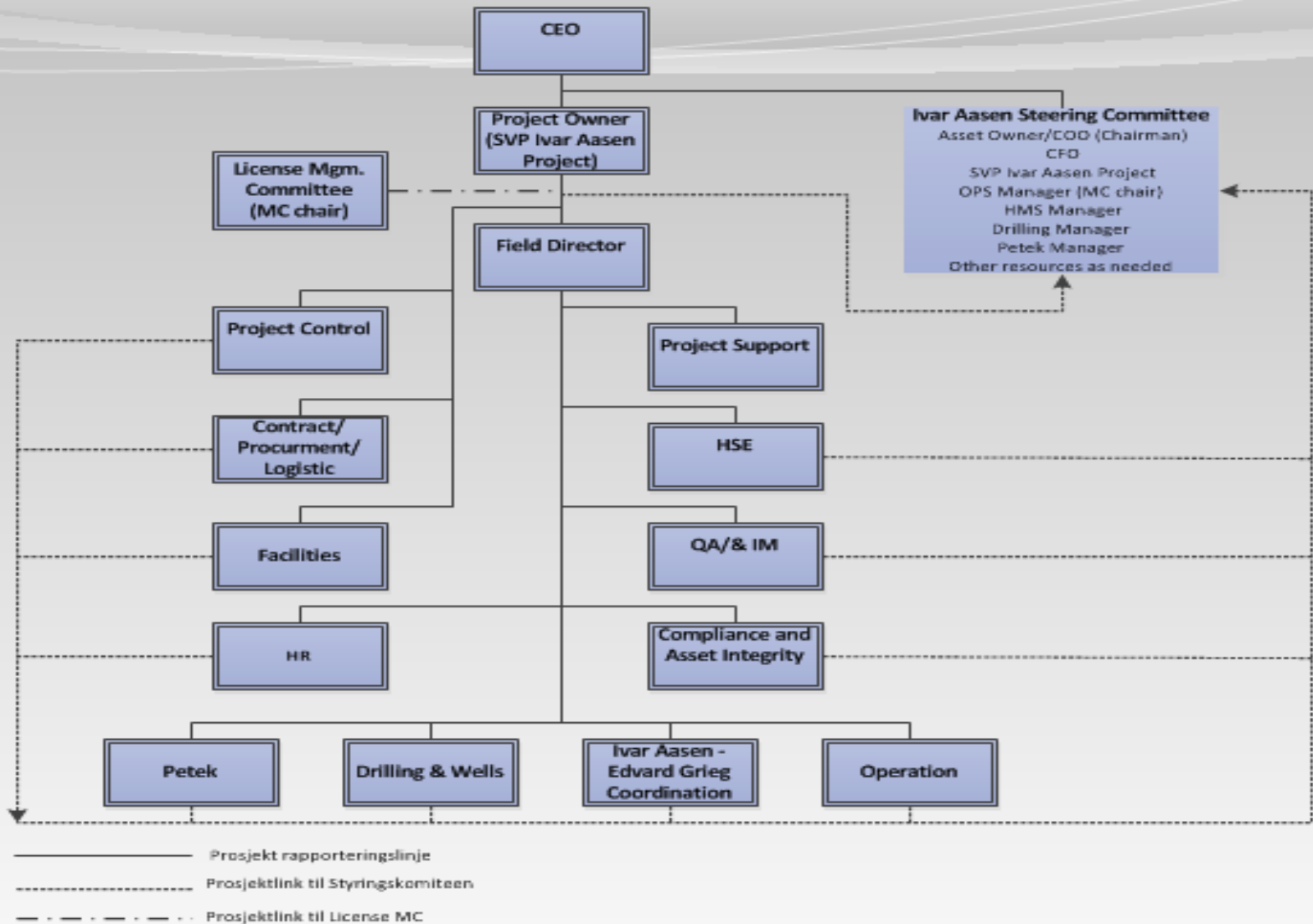
Aligned Team



Ivar Aasen Prosjekt



Ivar Aasen Prosjekt



Bygging igangsatt

Saipem, Sardinia



SMOE, Singapore



Ivar Aasen i rute

Ivar Aasen-prosjektet

- Fremgangen i prosjektet er ihht. plan og budsjett – første olje i 4. kvartal 2016
- Første stål kuttet for både plattformdekk og understellet
- Fabrikasjon av plattformdekkets viktigste elementer i konstruksjonsstål er påbegynt

Første stål kuttet i Singapore

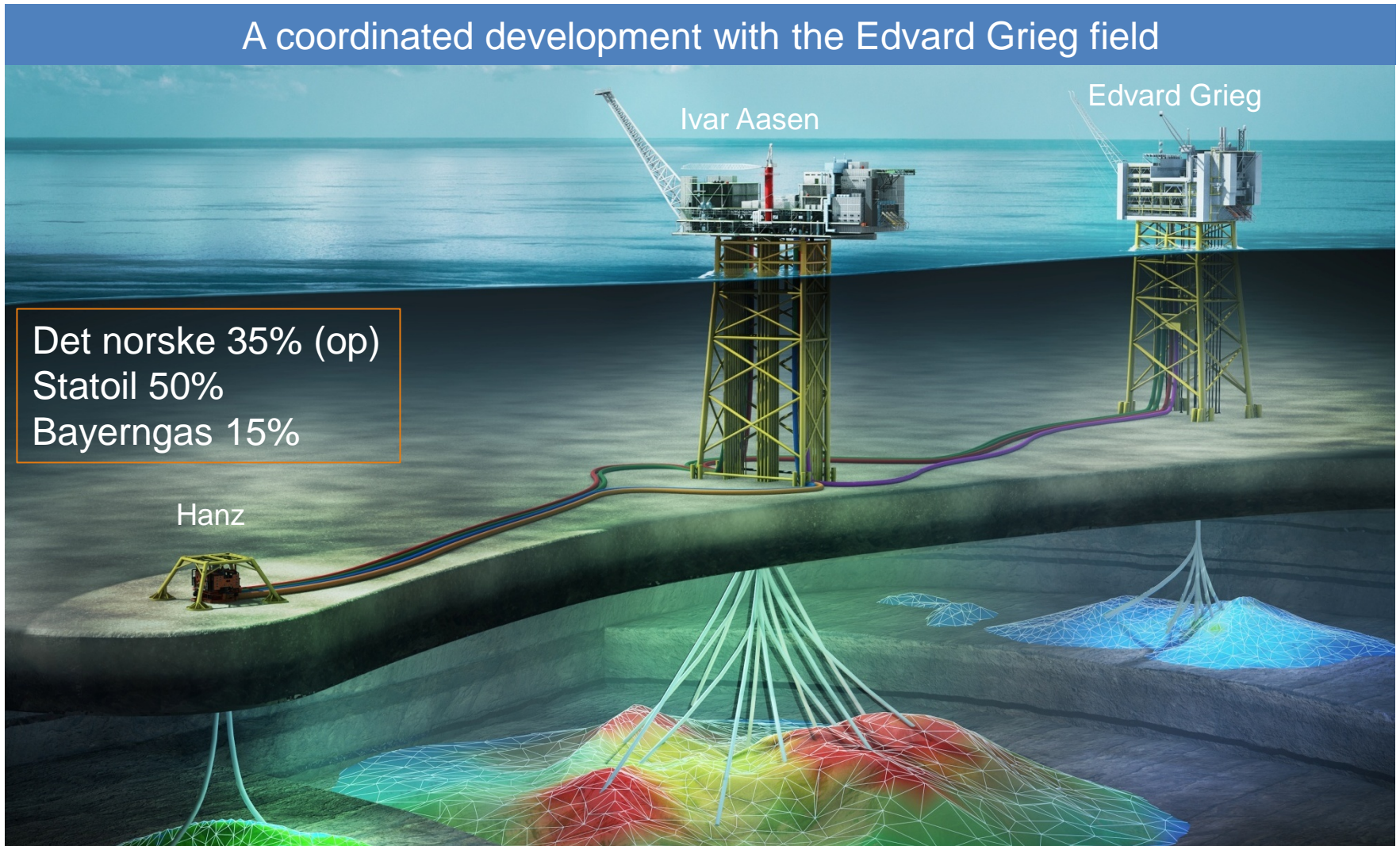


Når

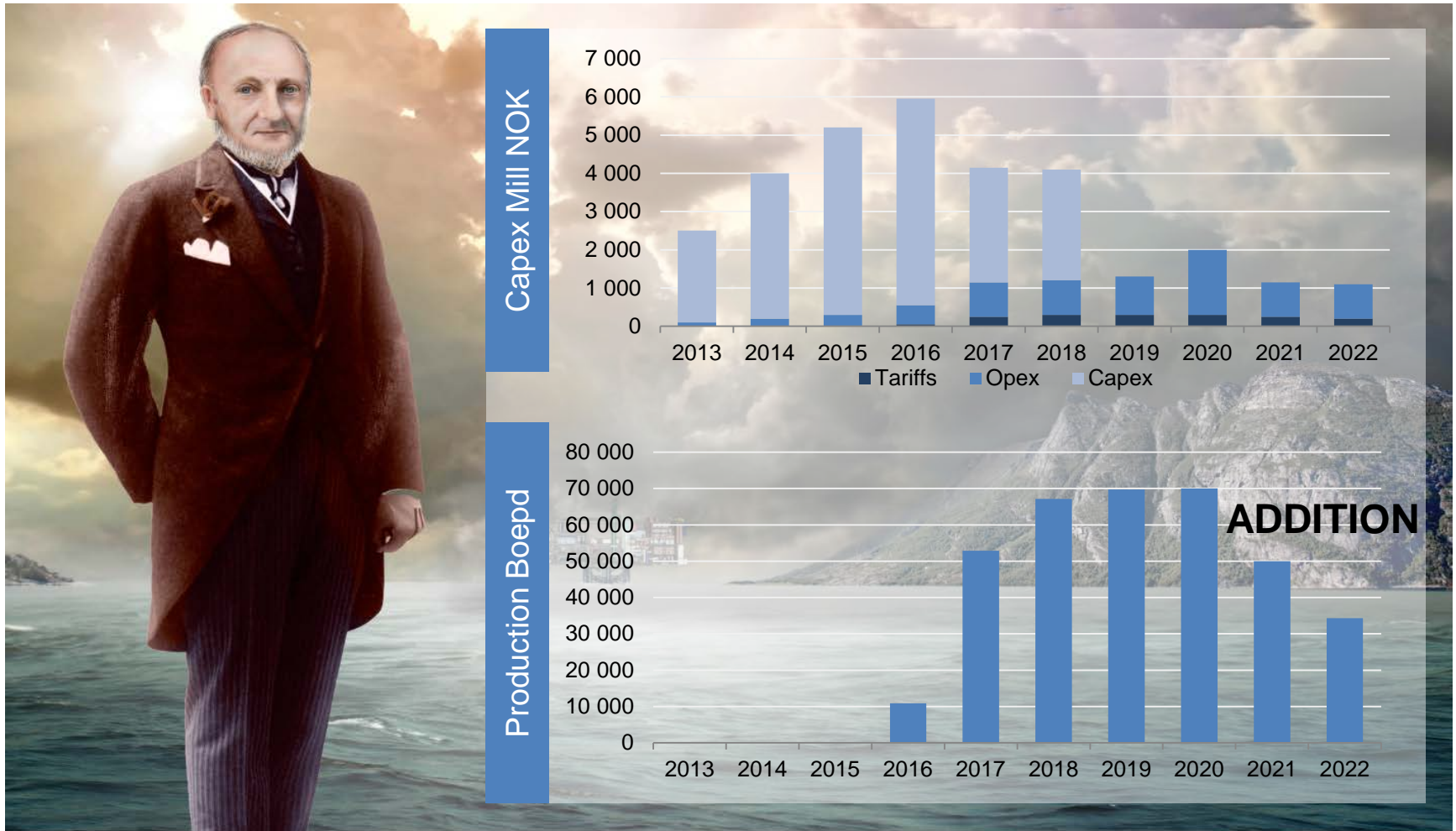
Hva

1H 2013	Godkjenning av utbygging Detaljdesign av plattformdekk og understell
2H 2013	Byggestart understell
1H 2014	Byggestart plattformdekk
2H 2014	Byggestart boligkvarter
1H 2015	Understell løftes på plass
2H 2015	Mærsk begynner å bore produksjonsbrønner Installasjon av rørledninger
1H 2016	Bygget seiler fra verftet mot Nordsjøen Installasjon av plattformdekk Installasjon av boligkvarter
2H 2016	Forberedelser operasjonssenter Produksjonsstart

Ivar Aasen – field development solution

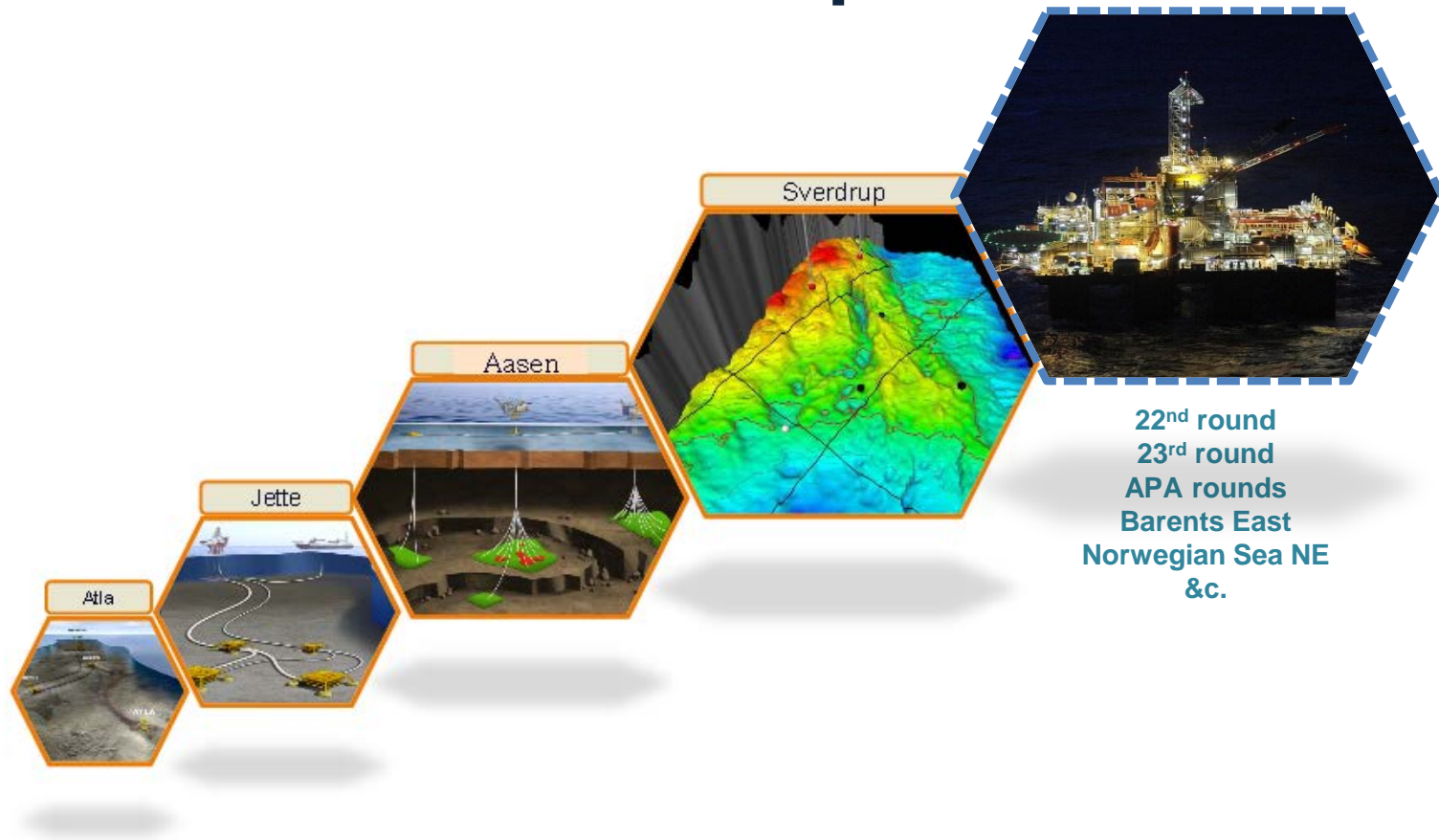


Ivar Aasen – Capex, Opex and Production



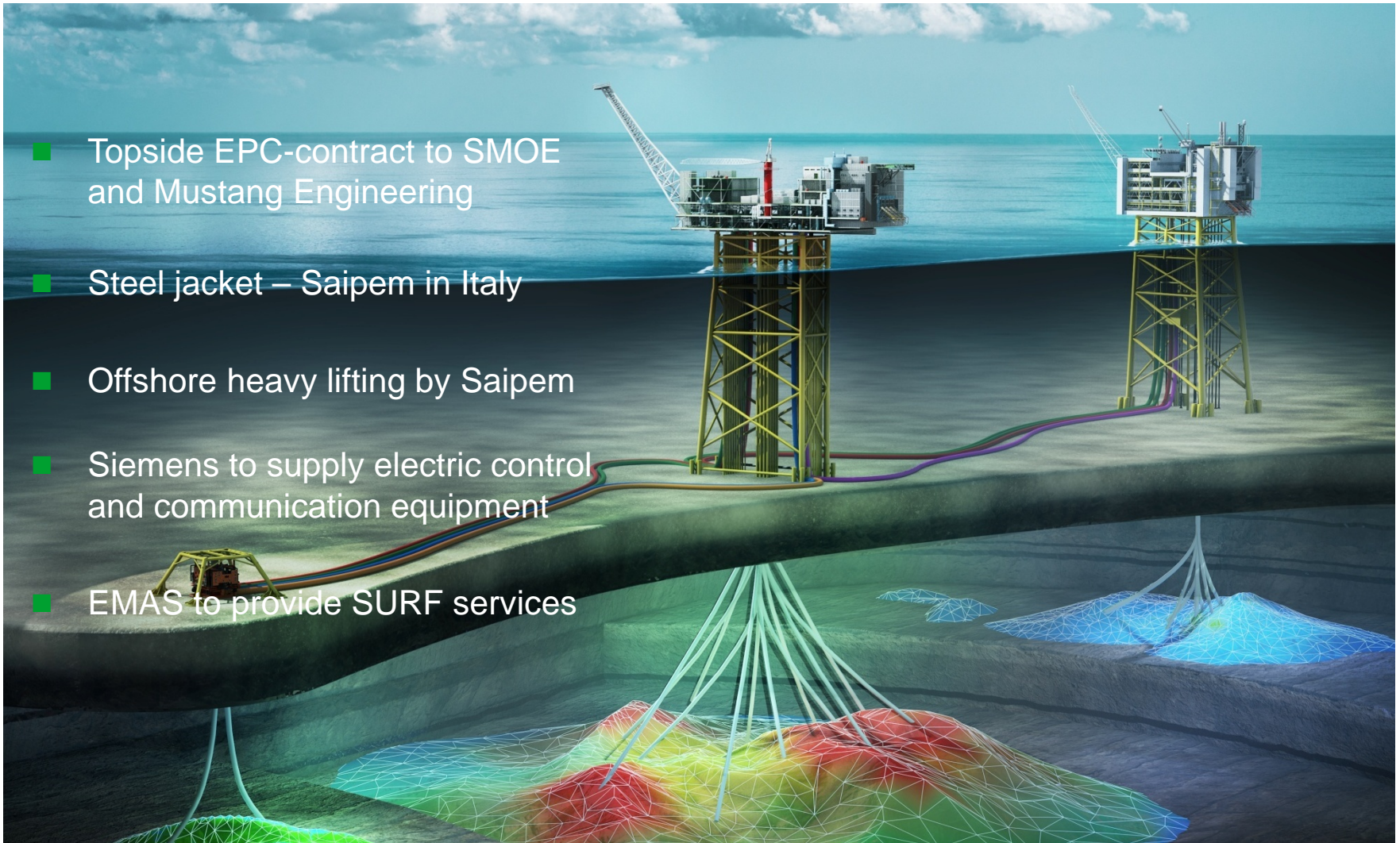
Extra production from PL 457 not included

Det norske – we have a firm plan



Ivar Aasen – key contractors

- Topside EPC-contract to SMOE and Mustang Engineering
- Steel jacket – Saipem in Italy
- Offshore heavy lifting by Saipem
- Siemens to supply electric control and communication equipment
- EMAS to provide SURF services

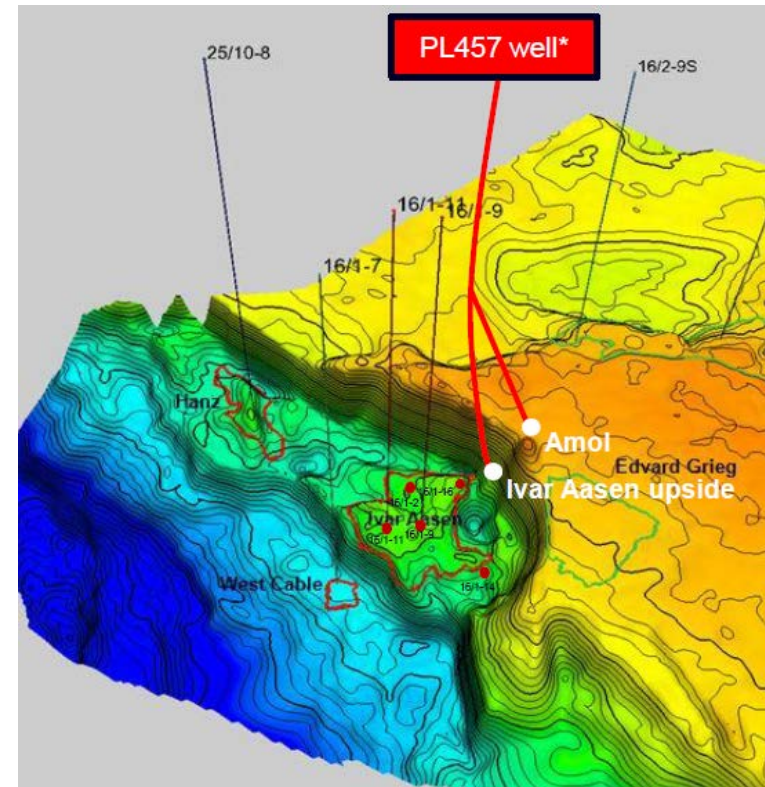


CJ 70 for Ivar Aasen –at Keppel Fels yard in Singapore



Ivar Aasen - extension into PL 457

- Ivar Aasen extends into PL 457
 - Proven by 16/1-16 well in December 2012
- A pre-unitisation agreement was signed in March this year.
 - The unitisation is to be decided on by June 2014
- Impact:
 - Improved economics
 - CAPEX per barrel reduction
 - Det norske will have a smaller interest in a larger field and consequently less capex up front as the investment level is expected to remain fairly unchanged.



*PL 457 well illustration is not based on actual data

Operation Center in Trondheim

- Ivar Aasen is planned operated as a manned platform
- The offshore organisation will be closely integrated with the onshore organisation using state-of-the-art communication solutions
- The operational organisation will be located in Trondheim
- An integrated operations centre is being planned for in the Trondheim office



Aligned – one team regardless of location

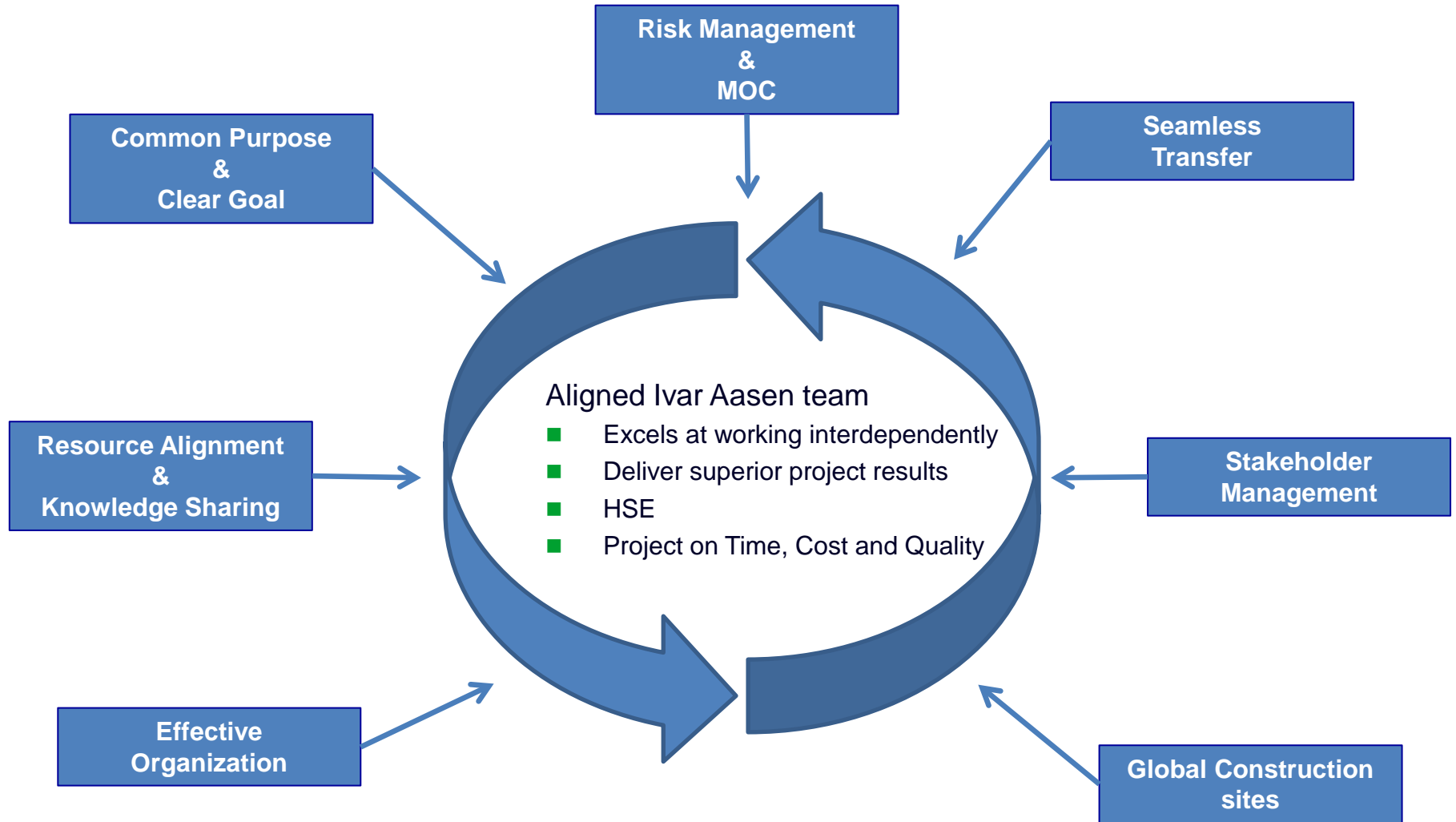
Why do we need to work together and excel as an aligned team?

- Small organization growing big
- Ivar Aasen must deliver on HSE, Quality, Time and Cost
- Highly experienced and knowledgeable individuals
- By being aligned in everything we do we have the capability to deliver outstanding results

Need to excel at working interdependently to secure superior Ivar Aasen Project results



Aligned Ivar Aasen Focus Areas



Purpose and Goal



Effective Organization

Clear Goals
and
Multidiscipline
Responsibility

Empowerment



Organizational
alignment



Aligned
Goals, Work processes and
team cohison

Relationship and
Communication



Recognition

Have fun



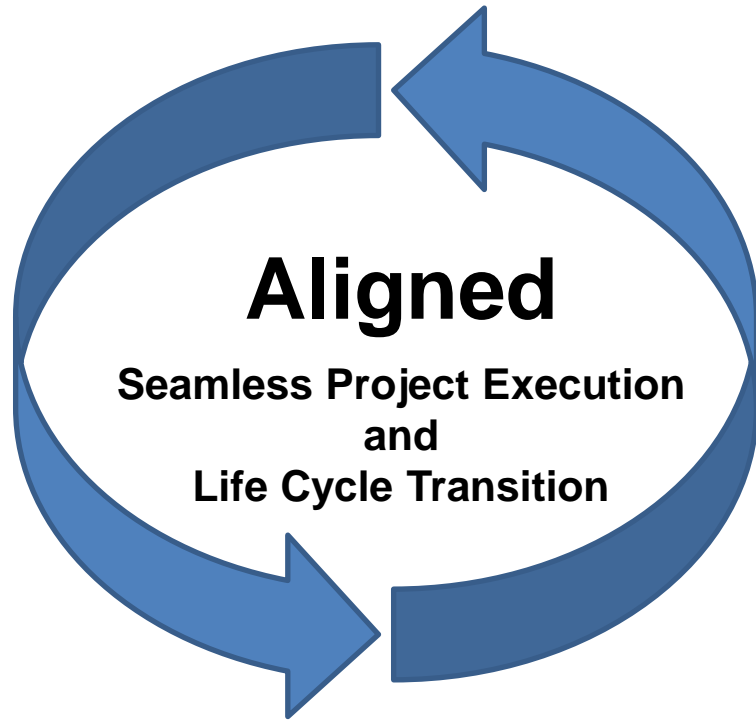
Self discipline
&
Get the
job done

Resource alignment

Highly Competent and Highly Experienced



Seamless Project Transition



Seamless Project Transition

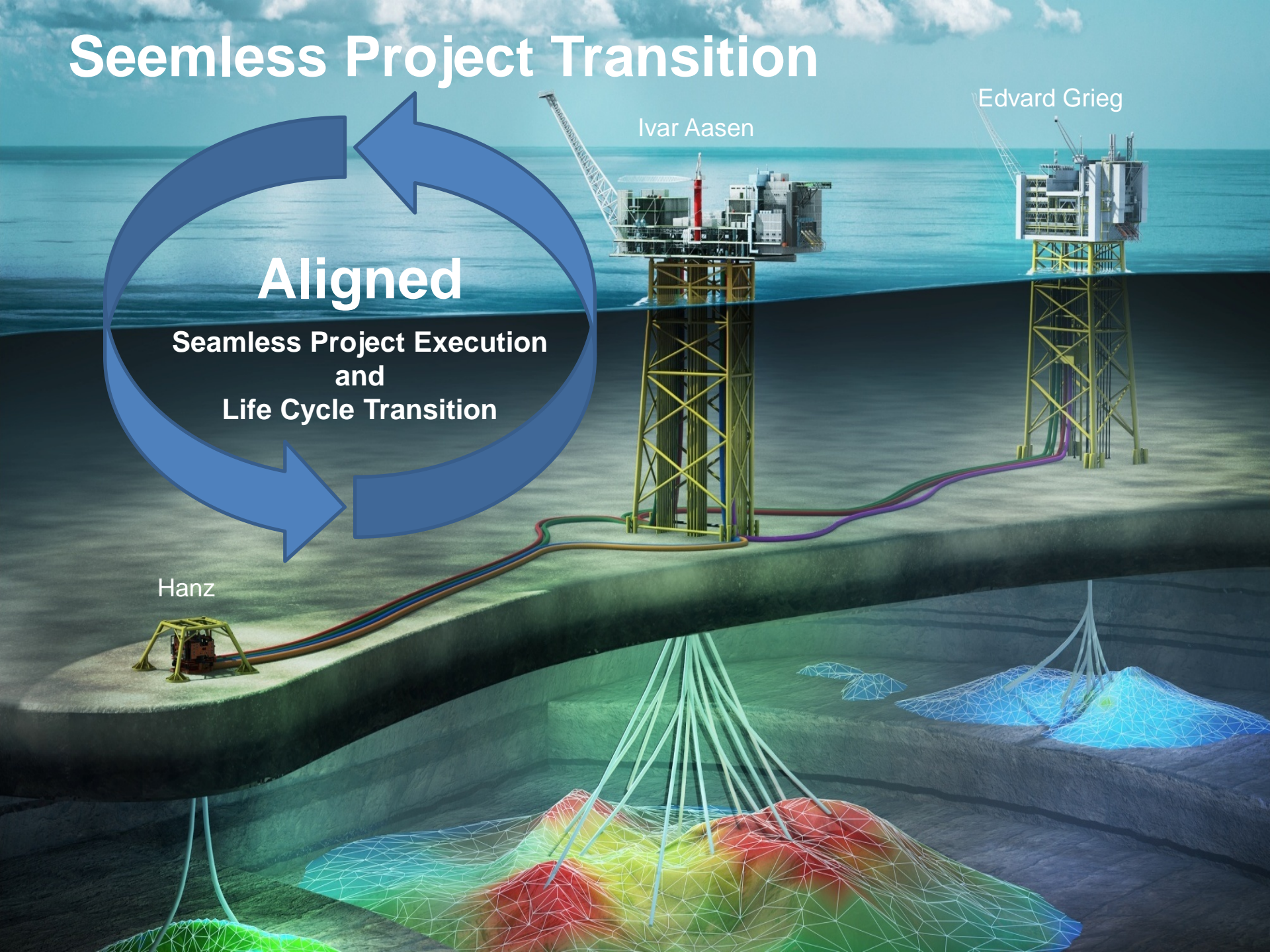
Aligned

**Seamless Project Execution
and
Life Cycle Transition**

Ivar Aasen

Edvard Grieg

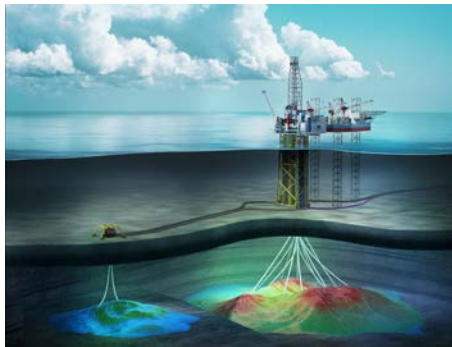
Hanz



Risk Management

Early detection of Gaps

This is what we will
delivery



On HSE, Time, Cost &
Quality

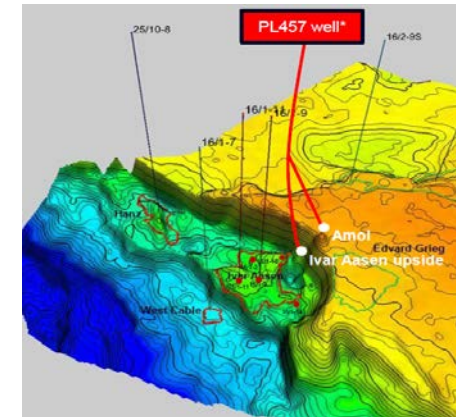
This is how we want to fly



DET**NORSKE**

Alignment
Risk Management, HSE
&
MOC

Effective MOC process



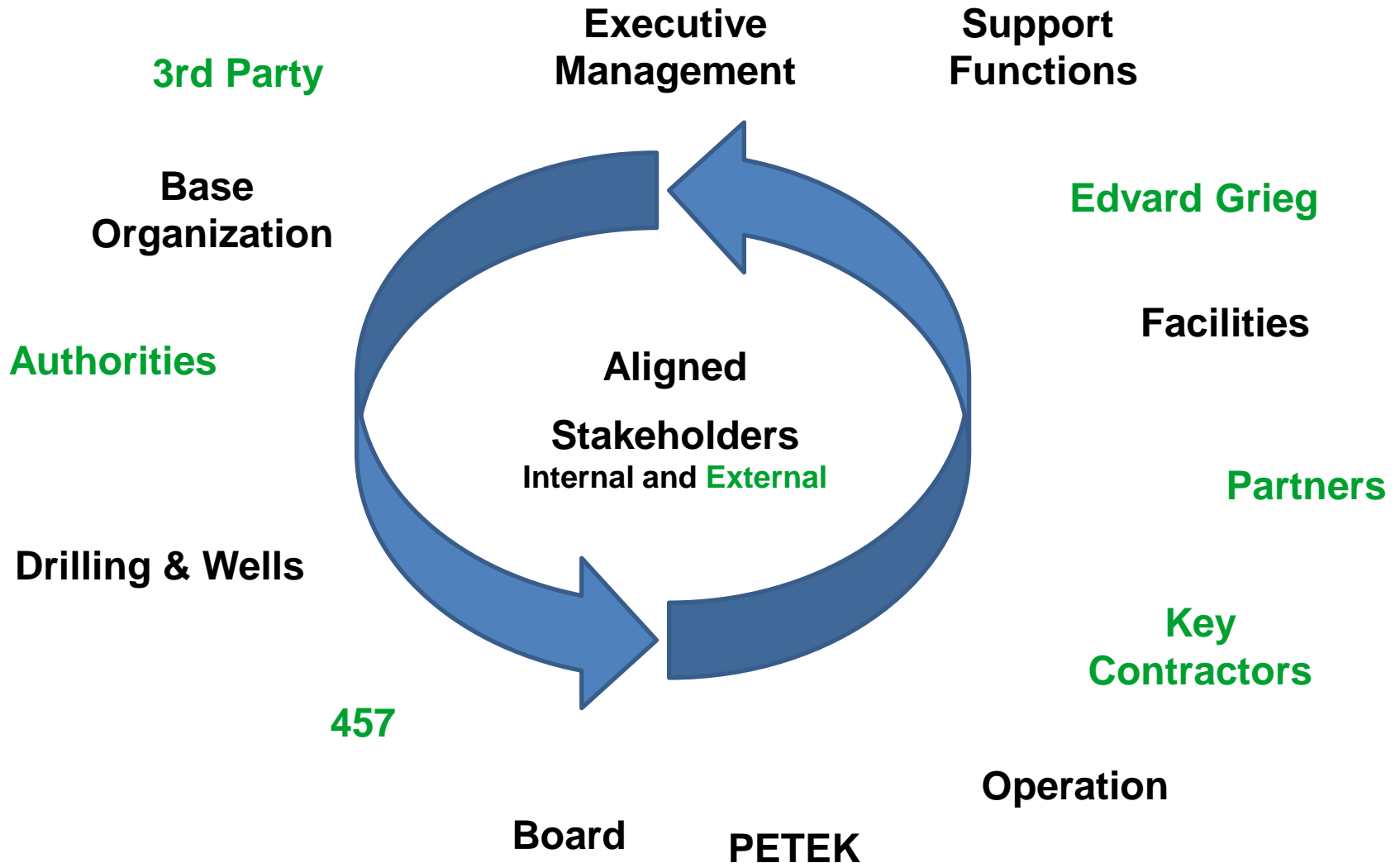
This is not



This is not



Stakeholder Management



Global construction sites

Hokksund:
Mechanical couplings
pipeline Aasen - Grieg

Oslo:
Pipelines and cable

Stord:
Living quarters

London:
Engineering topsides and
Jacket

Sense/France:
Well head and X-mas trees

Sardinia:
Jacket construction

Trondheim:
Project management

Trondheim:
Operations

Trondheim:
EICT

Kuala Lumpur:
Engineering process
facility

Singapore:
Maersk jack-up rig

Singapore:
Topsides construction

Aligned
at all Locations





DET NORSKE
OLJEEVENTYRET FORTSETTER