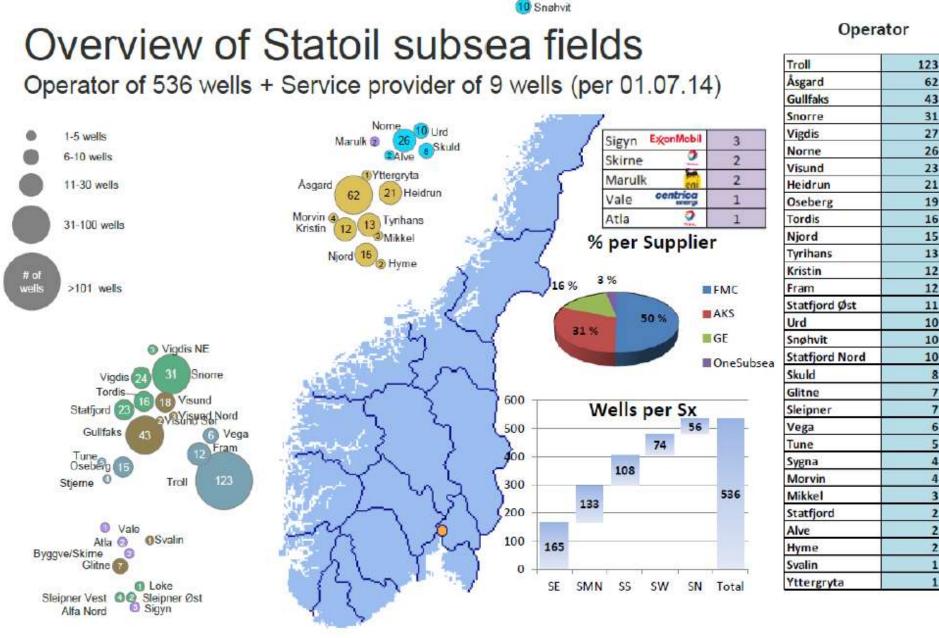


Hvor går veien videre for Subsea? FFU seminar – 29. januar 2015

Trond S. Meling



Statoil

Projects involving subsea in Statoil

 Pre-sanction: Johan Sverdrup, Johan Castberg, Tanzania Gas Project, Bay du Nord, ...

In execution:

- Standard SPS: GSO, Oseberg Delta 2, Smørbukk Sør, GRD
- Deep water: Aasta Hansteen
- Add on: Snøhvit CO2 project
- Subsea processing: Åsgard and Gullfaks
 subsea compression



Subsea Compressor Station SIT

CITCUTTURE I

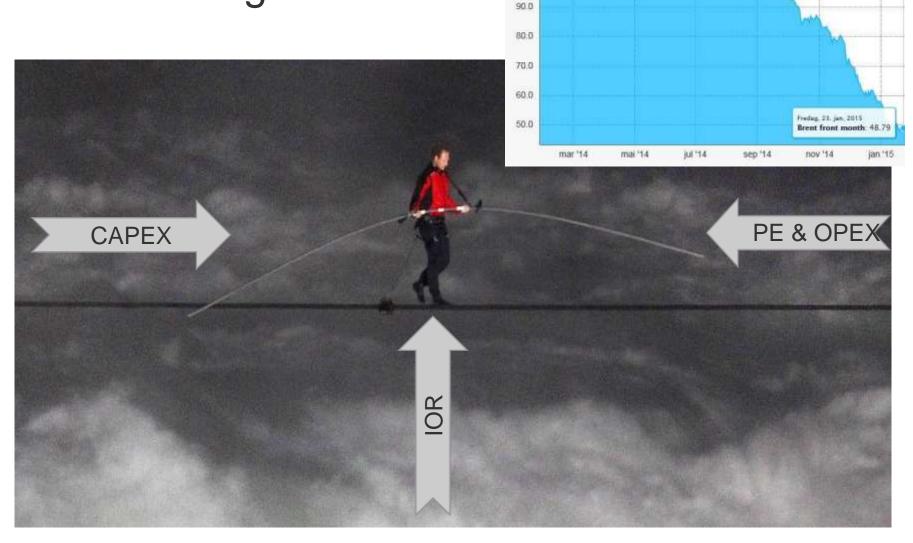
and the second



Gullfaks subsea compression



The balancing act



110.0

100.0



Standardization





Statoil søker partnere som vil bygge likt

JIP subsea forgings

JIP subsea LCI documentation

JIP with subsea power

JIP Interfaces subsea processing

a win-win for the oil and gas industry Open interfaces and standard subsea modules

as is...



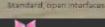
INTERFACES







.. to be



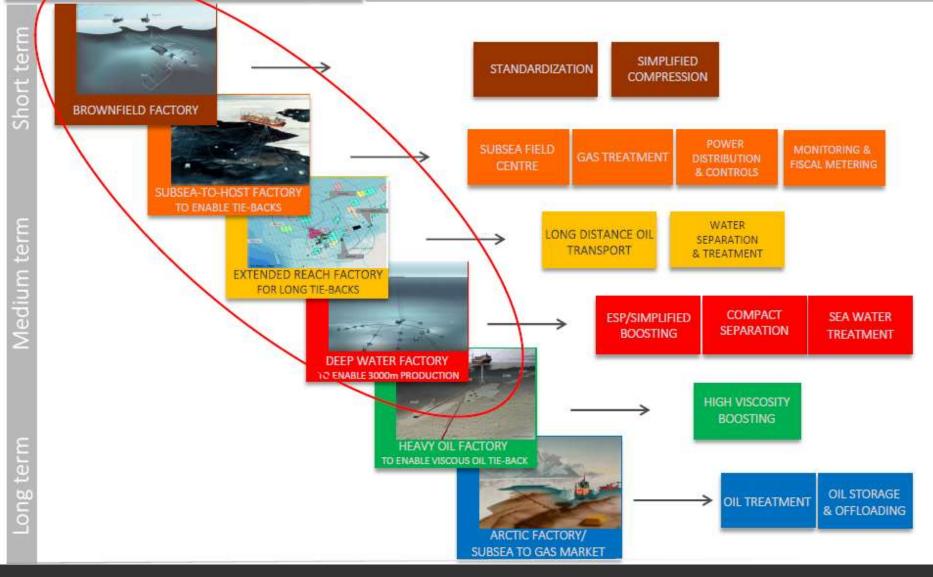


The fast track portfolio In/planned production FT drilling prospects Discovery/pending FT Production start-up Dry Delivered and ongoing Today Vilje Sør Fram H Nord Stjerne Hyme Gullfaks Sør IOR Gullfaks Visund Skuld Visund N Vigdis NE Rimfaksdalen Oseberg Delta 2 Svalin C 31st Dec 1st July 1st July 1st July 1st Jan 1st Jan 2016 -> 2012 2013 2014 2014 2015 2015 Future fast track possibilities Candidates from Revitalised seismic program



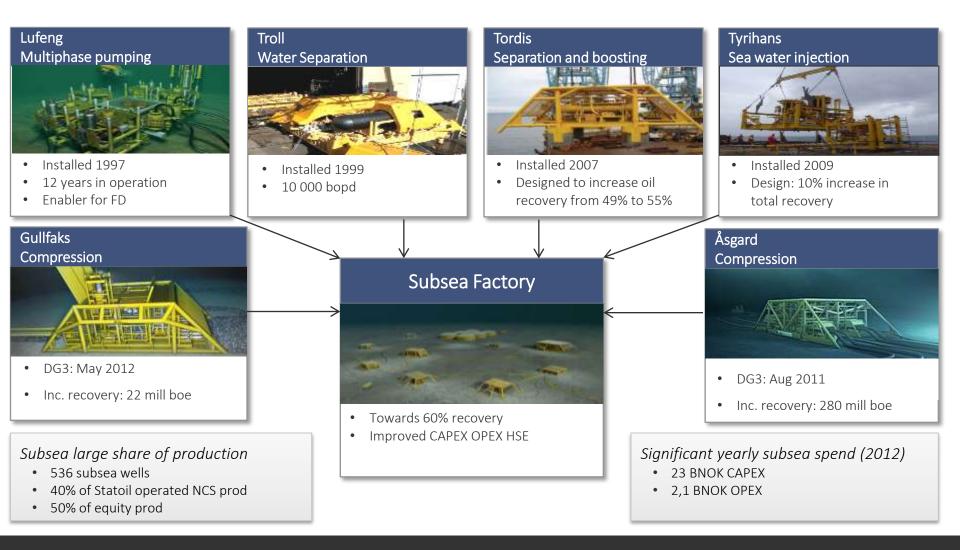
DEFINING The Subsea Factory

Factory building blocks [new or improved]





Defining subsea factory Building on existing Subsea Toolbox





The Statoil Subsea Factory[™]

Intervention AUV → Goal: Reduced OPEX for complex subsea infrastructure

Oil export

