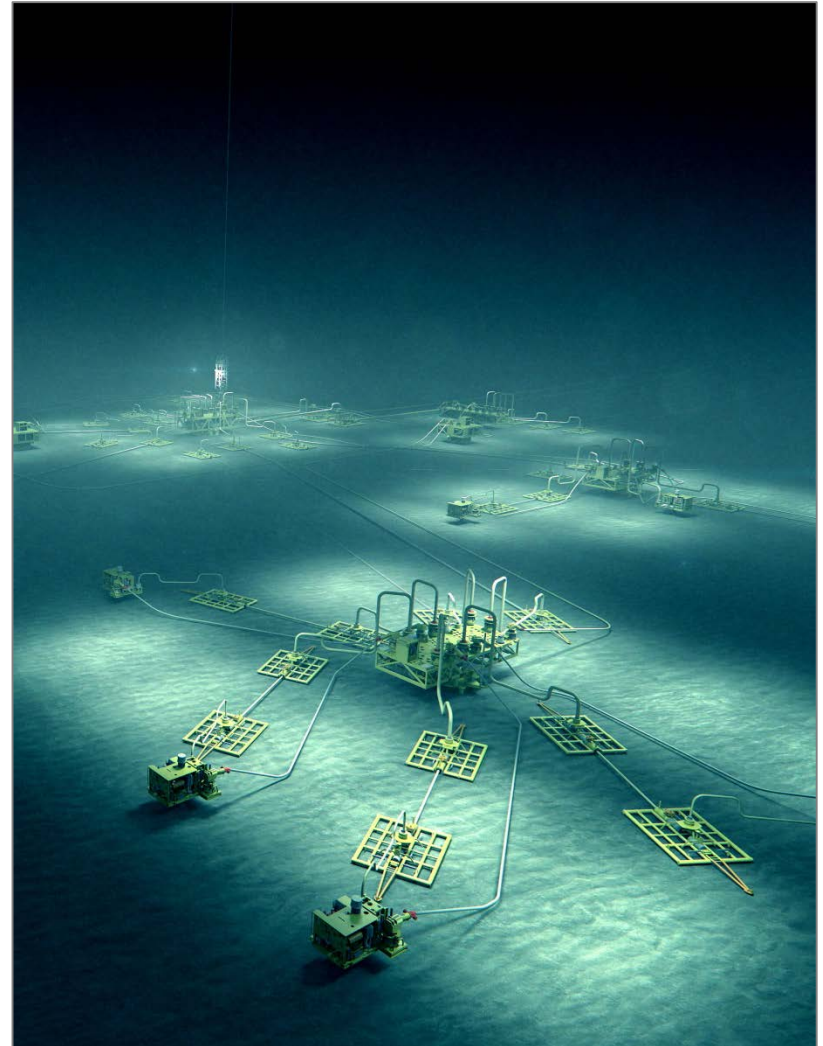




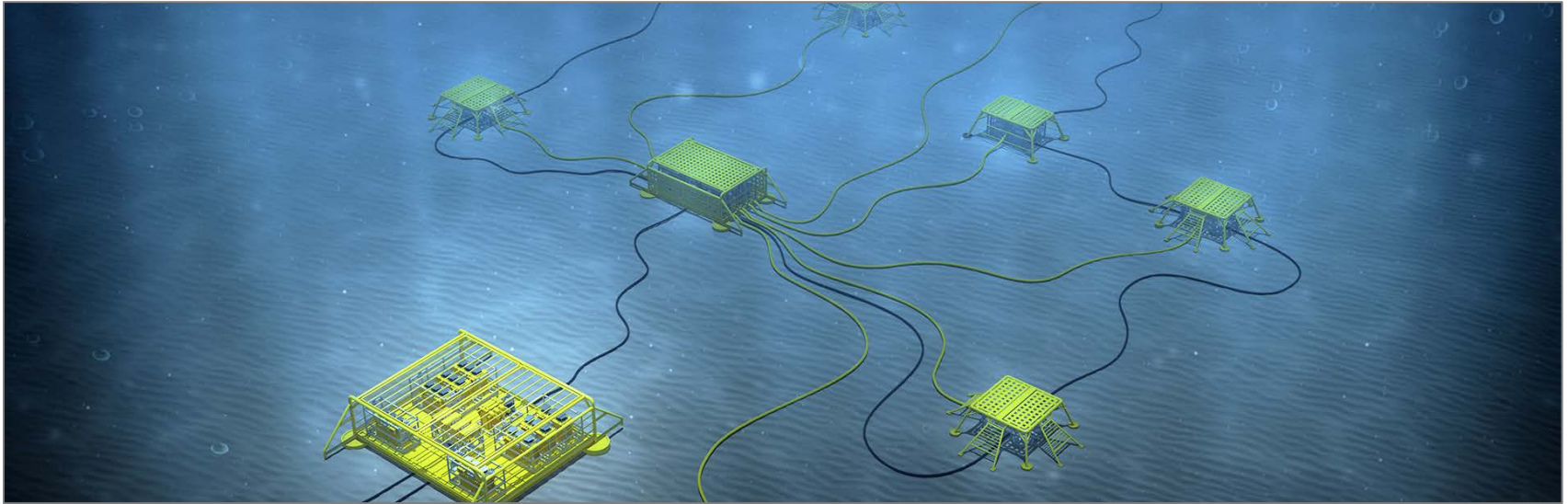
A Collaboration to Propel and Power Subsea Production

The Challenge

- How can the cost of subsea production be reduced?
- How can oil & gas field recovery rates be improved?
- How can the life of oil & gas fields be extended?
- How to address increasing data and power requirements of larger and more complex subsea fields?
- How can sustainable solutions be developed for subsea production?



Two Market Leaders Form First Alliance of Its Kind



- Uniting power and automation with subsea production
- Combining state of the art technologies
- Optimizing interfaces
- Delivering more effective, reliable and flexible solutions
- Aimed at improving oil & gas recovery

Leading Technology



ABB

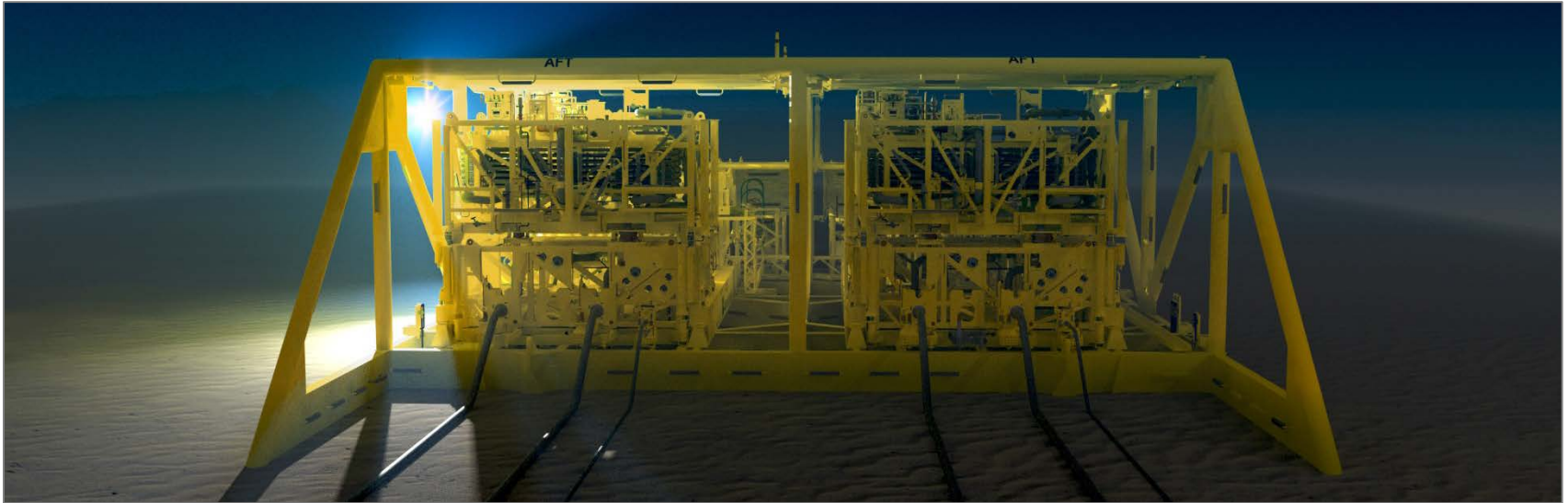
- Power
 - Distribution
 - Conversion
 - Transmission
 - Electrical protection systems
- Automation
 - Communication systems
 - Process control
 - Safety systems
 - Condition monitoring



Aker Solutions

- Subsea production
 - Trees
 - Controls
 - Manifolds
- Subsea lifecycle services
 - Condition monitoring
- Advanced subsea systems
 - Pumping & Boosting
 - Compression

Subsea Compression & Pumping



- Improved utilization of oil and gas resources
- Greater recovery rates
- Reduced production costs
- Reducing safety risk
- Development of deep water fields
- Enabling remote operations
- Lower environmental footprint

Committed to Research and Development

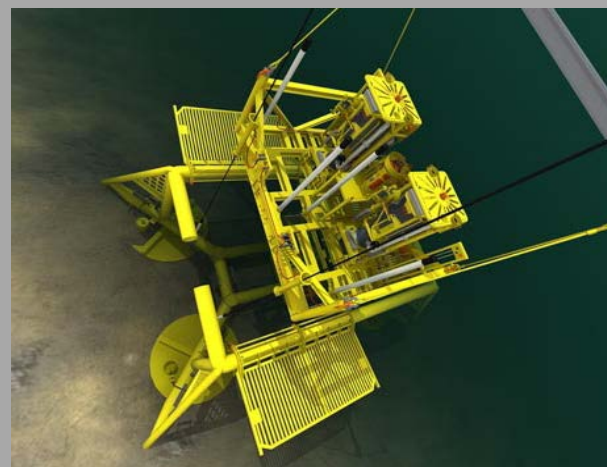


- Best-in-class reliability
- Advanced subsea controls
- All-electric systems
- Subsea power
- Multiphase booster pumps
- Subsea condition monitoring
- Longer step-outs

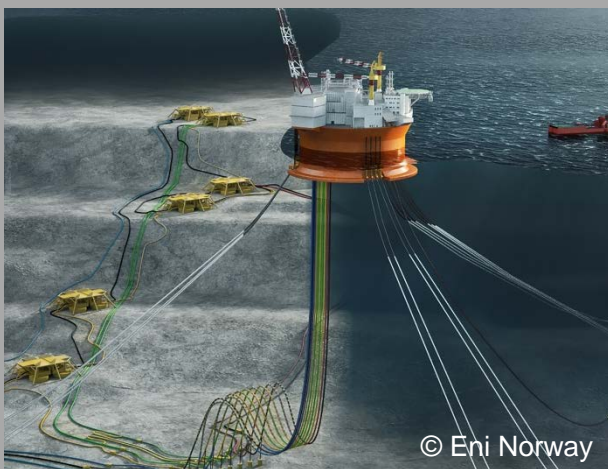
40 Years of Working Together – Recent References



Åsgard Subsea Compression



Tyrihans

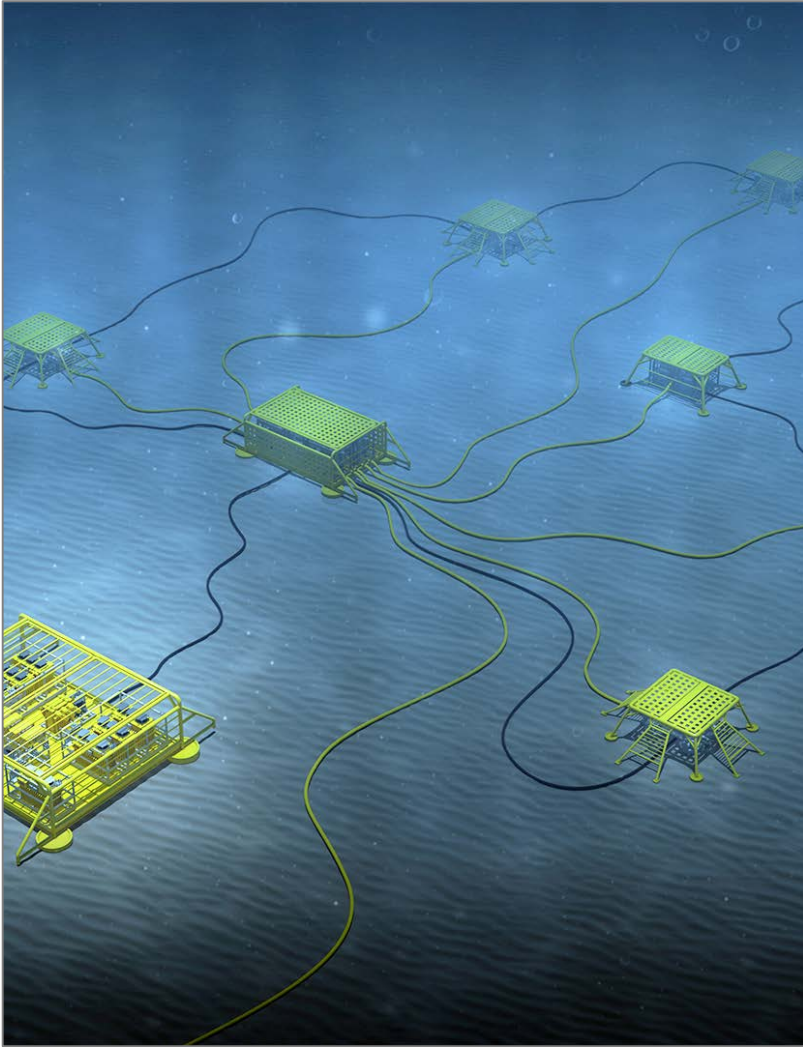


Goliat



Aasta Hansteen

Moving Forward Together



- Optimize existing solutions based on Åsgard base-case
- Seamless interface between topside and subsea
- Focus on customer early engagement and concept selection
- Pursuing joint R&D efforts

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