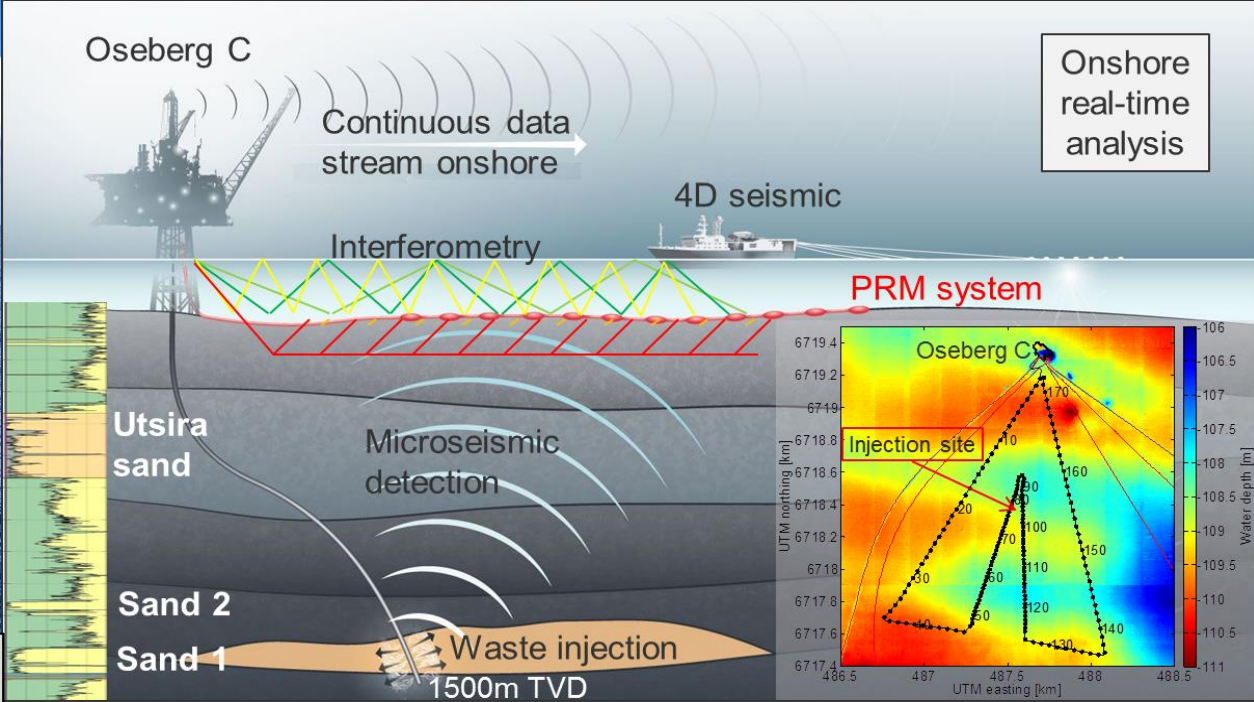
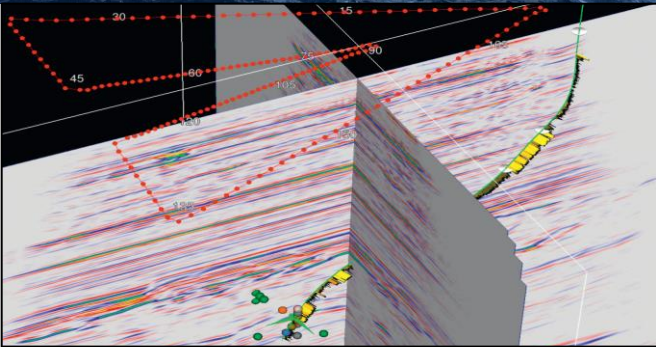
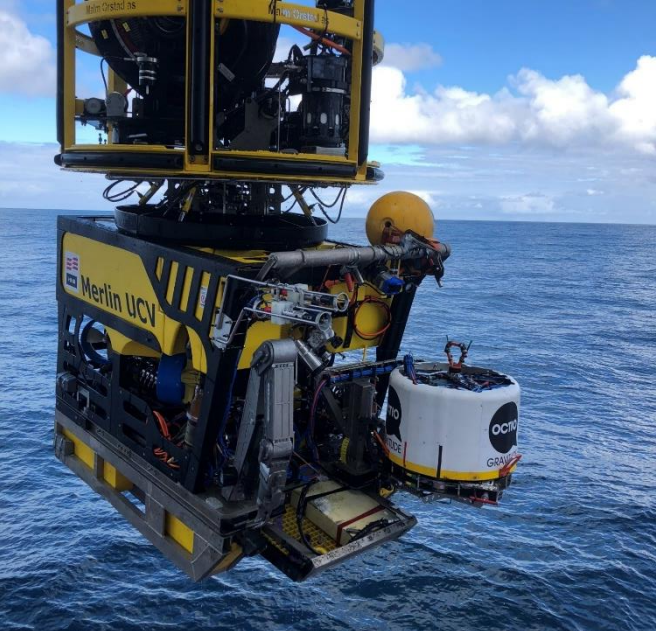


Environmental

Competence Hub

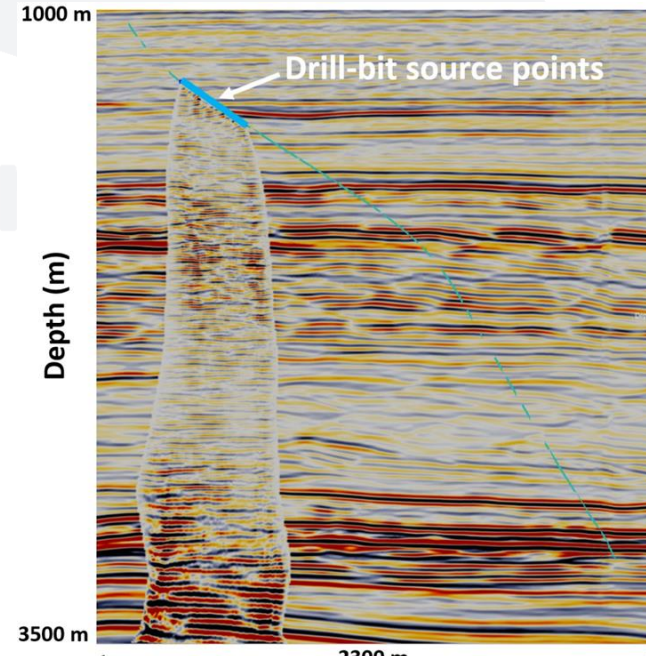
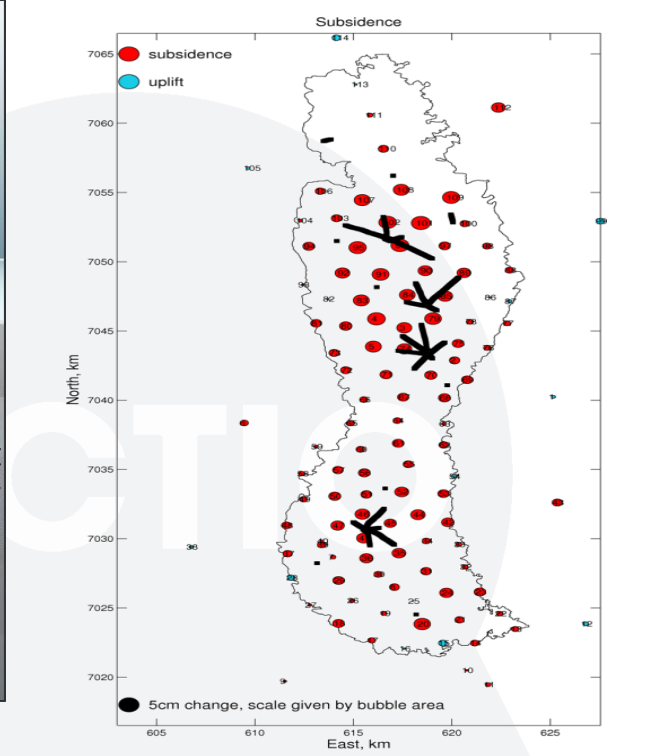
Experience from OCTIO, Gravitudo and OEM

Bjarte Fagerås - December 2020



Required Competences in OCTIO / Gravitude / OEM

- Mathematics
- Physics
- Machine Learning - AI
- Embedded Logic
- Geo-Science
- GUI
- Interpretation
- Analog & Digital Electronics
- Mechanical encapsulation for deep water
- Power Distribution
- Real Time Data processing
- High Speed cabled & wireless communication



Background – Experience - Benefits

- OCTIO had 40+ technical experts seconded from daughter companies of one of its major shareholders during first three years of operation
 - Reduced R&D time and cost to 50% of comparable projects
 - Reduced R&D overhead cost after main development phase was completed
- Gratitude was built on personnel and expertise from OCTIO
 - Again, R&D time and cost was dramatically reduced versus building a separate R&D team of experts
 - Better utilization of experts over time and the experts are available when needed
- Octio Environmental Monitoring (OEM) share technical team with OCTIO and Gratitude in a direct cost model
 - Secure IPR sharing & knowledge transfer (special IPR agreement) between separate markets
 - Workload balancing between different markets and R&D cycles