FME GOES OFFSHORE
Seabed Survey

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DeepOcean is an integrated provider of safe, high quality, innovative services and technologies for the subsea industry.

- **Survey & Seabed Mapping**
- Seabed Intervention
- Subsea Installation
- IMR (Installation Maintenance and Repair)
- Decommissioning
- Renewables & Transmission
Survey & Seabed Mapping

- Online system
  - ROV/Vessel
  - Navigation (GPS, INS, Subsea)
  - Sensors
  - ...

- Offline system
  - Post-processing
  - Interpretation
  - Reporting
Deliverables

- Navigation data
- DTM/Soundings
- Videos
- Seabed interpretation (Events / Observations)
- Seabed Profiles (longitudinal / cross profiles)
- Charts
- ...

- GIS?
GIS Delivery

- Reformat existing data -> SSDM
- Minimum additional work
- Process should be simple enough so that personnel without GIS knowledge can produce it easily
- Process should be integrated in existing workflow and should use all data that are normally stored in DeepOcean production database (project database)
SSDM Implementation

- Extension of existing Project database
- Development of FME Workbench
- Extension of the existing in-house application (DODBMS)