Fugro Subsea Services is a leading provider of subsea support services to the offshore energy industry worldwide. We operate a modern fleet of ROV and Diving Support Vessels and systems around the Globe, supporting our clients in a diverse range of offshore projects.

**Global Solutions from Fugro**

Fugro's purpose-built support vessels, ROVs and diving systems, remote intervention equipment and global team of experienced engineers and project personnel ensure our clients always receive a first-class service, delivered safely and on time.

Our services include:
- Construction and installation
- Cable laying and trenching
- Drilling and well completion support
- Inspection, repair & maintenance
- Remote subsea intervention tooling: design, build and support
- Subsea engineering
- Air and saturation diving
- Remote intervention project management

Delivered in 2015, Fugro Aquarius is equipped with two FCV 3000 ROVs.

Dry space creation for subsea repairs.
CONSTRUCTION & INSTALLATION

Fugro’s construction support vessels are purpose-built and outfitted with the most up-to-date Fugro equipment and technology. They support subsea infrastructure projects around the world.

Our modern fleet of vessels benefits from the following features:

- Custom-designed survey and ROV online, offline and control areas
- Deepwater active heave compensated cranes
- Client offices and meeting facilities
- Fully integrated communications and networking throughout each vessel’s operating areas
- Full in-house ROV, survey, marine personnel and engineering capability, with no subcontractors, ensuring seamless and reliable operations
- Built in work-class ROVs, all deepwater rated and all fitted with Tether Management Systems
- Integrated eyeball class ROV
- ROV launch and recovery control room integrated into the main operations area
- Integrated Q1400 Trenching System onboard the Fugro Saltire

Our services include:

- Flowline and umbilical installation and changeout
- Subsea structures installation
- Pipeline flooding, gauging and stabilisation
- Pipeline crossing installation and construction
- Spool piece metrology and installation
- Subsea tie-ins
- Seabed excavation
- Anode retrofitting and structure life extension tasks
- Riser and midwater arch operations
- Pipeline crossing construction
- Suction anchor installation
- Trenching

We operate a large fleet of inspection class ROVs, both permanently from our own DP2 vessels, or as required from our clients’ vessels or offshore structures.

Whether the requirement is for observation, sensor deployment, or a full manipulator intervention task, Fugro has the right ROV for the job.

Our IRM service capability includes:

- Platform and pipeline inspection
- Flooded member detection surveys
- CP / CD surveys of pipelines and structures
- FPSO hull and turret inspection
- Anchor chain inspection and measurement
- Midwater arch inspection and FMD
- Leak investigation and remediation
- State-of-the-art repair tooling design, build and operation
- Pipeline stabilisation and repair
- Anode clamp design and retrofit
- Structure repair and monitoring
- Subsea component changeout

INSPECTION REPAIR & MAINTENANCE

Fugro is the industry leader in inspection and survey technology. We offer a comprehensive range of diver and diverless inspection services for pipelines and subsea structures from shallow waters to 4,000 metres.
ROV SERVICES & DRILL SUPPORT

Fugro Subsea Services designs, builds, owns and operates a large fleet of work-class ROV systems rated to between 600 and 4,000 metres. In addition, Fugro operates a fleet of Saab Seeye observation and inspection class ROV systems.

These are operated and maintained from our strategically located bases around the world, supporting our clients’ projects, drilling campaigns and tooling campaigns.

Our ROV systems use best-in-class components and standard sub-systems. With critical long lead spares stocked regionally, and a global ROV Helpline providing 24-hour support to our offshore teams, parts and information updates can be quickly relayed to all our ROV teams.

Our ROVs provide:

- Exploration drilling support
  - Exploration drilling activities support
  - Spudcan and debris surveys
  - Completions & workover support
  - Onshore SITs
  - Bespoke tooling requirements

- Inspection projects
  - Platform and subsea structures
  - Offshore wind farms support – installation, CPS monitoring, turning point installation, and monitoring

- Construction support
  - Subsea infrastructure installation
  - Spool piece metrology
  - Suction anchor installation
  - Remote tie-ins
  - Pipeline and infrastructure crossing installation
  - Sandbag installations
  - Simulation of client and ROV activities

Skandi Olympia with FCV 3000 (150 HP) and Seeye Tiger.

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FCV 3000 equipped with tooling.

Engineering design and analysis.
INTERVENTION TOOLING
Fugro designs, manufactures, operates and supports a range of intervention solutions to satisfy customer project requirements in the following areas:

- Remote intervention systems
- Subsea distribution & workover systems
- Bespoke tooling solutions
- Standard ROV tooling
- Aftermarket Services
  - Rentals
  - Spares
  - Overhaul & repairs
  - Field services support (FAT, SIT & offshore)

DIVING SERVICES
Providing global air and saturation diving support, our expertise and engineering facilities permit an ever more diverse range of specialist solutions to meet specific client requirements.

- Underwater Inspection, Repair & Maintenance (IRM)
- Subsea intervention, installation and construction support
- Cathodic Protection (CP) and Asset Life Extension (ALE) projects
- Inspection Underwater In Lieu of Dry Docking (UWILD)
- Hyperbaric welding and cofferdam projects

SUBSEA ENGINEERING
Fugro delivers quality engineering solutions to our clients through the provision of competent personnel, and the provision of innovative, fit for purpose engineering solutions to the most complex subsea problems.

Services:
- Project engineering and management
- Design engineering and draughting
- Structural engineering
- Simulation engineering
- Installation analysis & naval architecture
- Conceptual engineering and FEED studies
- Bespoke subsea repair & IRM projects
- Specialist intervention tooling design
- Vessel, ROV and diving system mobilisation engineering
- Installation analysis and procedural engineering
- Cofferdam and habitat engineering, design and installation analysis