



Subsea Services



Subsea Services successfully support offshore drilling, completions, construction, inspection, repair and maintenance activities throughout the entire life of an offshore development

The World's local Subsea Services provider

Fugro Subsea Services is a leading provider of subsea support services to the offshore energy industry worldwide.

We operate a modern fleet of ROV Support Vessels and ROV systems around the Globe, supporting our Clients in a diverse range of offshore projects.



Providing high specification ROVs for complex subsea operations

Global solutions from Fugro

Fugro's purpose built ROV construction support vessels, ROVs, remote intervention equipment and global team of experienced Engineers, ROV Operators and project personnel ensure our clients always receive a first class service delivered safely and on time. Our services include:

- Construction support
- Drilling and well completion support
- Inspection, repair & maintenance
- Remote subsea intervention tooling design, build and operation
- Subsea engineering
- Air and saturation diving (Brazil)
- Remote intervention project management



Operating a fleet of state-of-the-art ROV construction support vessels



Utilising our remote subsea tooling to keep client's assets operational



Subsea Services

Construction Support

Fugro's construction support vessels are purpose built and outfitted with the most up-to-date Fugro equipment and technology and operate around the Globe supporting subsea infrastructure projects.

Our modern fleet of vessels benefit from the following features:

- Custom designed survey and ROV on-line, off-line and control areas
- Deepwater Active Heave Compensated Cranes
- Client specific offices and numerous meeting facilities
- Fully integrated communications and networking throughout each vessel's operating areas
- All personnel and equipment, whether it is Survey, ROV, Marine or Engineering is supplied by a Fugro company (not subcontracted) ensuring a seamless and reliable operation is provided
- 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

Our services include:

- Flowline and umbilical installation & change-out
- 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 & structure life extension tasks
- Riser and mid-water arch operations
- Pipeline crossing construction
- Suction Anchor installation

Inspection Repair & Maintenance

Fugro is the industry leader in inspection and survey technology and offers an in-depth range of pipeline and subsea structure diverless inspection services from shallow to 4,000m water-depths.

We operate our modern fleet of over 50 electric powered 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 will have the specific ROV for the requirement.

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
- Mid-water arch inspection and FMD
- Leak investigation and remediation
- Bespoke repair tooling design, build & operation
- Pipeline stabilisation and repair
- Anode clamp design and retrofit
- Structure repair and monitoring
- Subsea component change-out

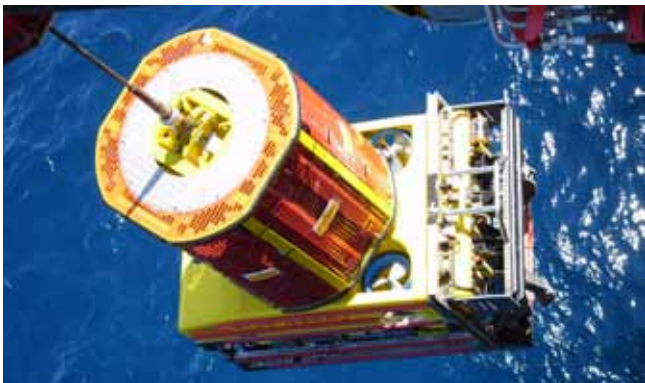


ADVANCED TECHNOLOGY
SUPERIOR QUALITY
UNRIVALLED EXPERIENCE
'FIT FOR PURPOSE' SOLUTIONS

ROV Services

Fugro Subsea Services design, build, own and operate a large fleet of work-class ROV systems. These systems are operated from our strategically located bases around the world supporting our clients drilling campaigns and subsea construction projects.

Our ROVs utilise the best-in-class system components and standardise on sub-systems across the fleet. Our global approach ensures that critical long lead spares are stocked regionally and our Global ROV helpline provides 24-hour support to our Offshore teams and ensures that information updates are quickly relayed to all our ROV teams.



Our ROVs provide:

- Exploration drilling support
 - Exploration
 - Completions & work-over support
- Inspection projects
 - Pipeline survey
 - Platform & subsea structures
- Construction support
 - Subsea infrastructure installation
 - Spool-piece metrology
 - Suction anchor installation
 - Remote tie-ins

Subsea Engineering & Intervention Tooling

Focusing on the provision of subsea engineering and intervention tooling solutions, Fugro Subsea Services can provide a reliable, adaptive and highly innovative service.

Our in-house capability includes:

- Design and build of field intervention tooling
 - Tool deployment units
 - Torque tools
 - Tree interface packages
- Client tool inventory management
- Variable buoyancy packages
- ROV tooling skids
- Feasibility studies
- Design of be-spoke intervention equipment for
 - Pipeline repairs
 - Anode retro-fitting
 - Subsea cutting
 - And many more



Smart thinking, responsive problem solving



Diving Services

Operating in Brazil, our expertise and engineering facilities permit an ever more diverse range of specialist solutions to meet specific client requirements.

Our Diving services provide:

- Construction support
- Subsea repair & maintenance
- Structure cleaning
- Non destructive testing
- Component change-out
- Subsea intervention
- Platform and vessel inspections
- Emergency response call-out



ROV Training Faculty and ROV Simulator

The Fugro ROV Faculty prepares and delivers integrated courses for both trainee (induction) and experienced (supervisory) personnel. The ROV Faculty provides dedicated classroom, work-shop & ROV simulator facilities in key geographical locations.

In addition to assisting the training of our personnel, the ROV Simulator allows:

- Accessibility studies (a virtual SIT)
- Design verification
- Simulated procedures
- Mission specific rehearsals
- Risk mitigation
- On-site training (via the on-board FCV Simulator)



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