

Acteon

Act on energy

Harnessing the potential of the world's offshore energy resources.

acteon.com

We solve the energy industry's most complex problems by applying our technical and engineering expertise across the lifecycle of offshore infrastructure.

100+
renewable projects

2,500+
wind turbine generator foundations

200+
surveys in the last 10 years

300+
decommissioning projects

100+
locations

800+
drilling campaigns

500+
moorings including many of the largest oil and gas floating producing units

At Acteon, we act.

We act to turn data into insight. Insight into clarity. And clarity into success. We deliver maximum economic value to our customers because we are:

Insightful

We leverage data to provide insight for our customers, improving efficiency and minimising downtime across all phases of the offshore energy project lifecycle.

Creative

We provide novel, fit-for-purpose solutions to complex challenges – not only meeting customers' needs but broadening their capabilities and controlling costs in the process.

Reliable

We invest in our talented project teams as well as designing, building, integrating and deploying our own equipment to ensure that we deliver high safety and quality performance.

Partner-oriented

We work closely with our customers and suppliers to provide early and consistent access to our broad engineering and service capabilities to deliver better project outcomes.

We act with safety and certainty.
We help our customers act with assurance.
To act decisively.
To act on energy.

We act across the project lifecycle

From seabed to surface, we develop solutions to the offshore energy industry's most complex problems.

Using the latest technology, we gather and analyse hard-to-reach data in the most challenging environments. We partner with customers to apply it to their specific needs and challenges. We then devise tailored plans to help them safely and responsibly accelerate projects and reduce the total cost of operations.

Acteon business lines — Intermoor Moorings and Anchors; UTEC Geo-services | **Engineering consultancy** — 2H

Solutions

Site investigation and characterisation

- Geophysical and geotechnical surveys
- Geospatial surveys

Why Acteon

- Comprehensive data collection
- Well-organised data orchestration
- Insightful interpretation
- Enhanced asset value

What we deliver

- Mitigating risks
- Optimising design, construction and maintenance

Offshore construction

- Positioning and construction support
- Installation services
- Mooring solutions

Why Acteon

- Robust experience in the most challenging environments
- Advanced equipment
- Intelligent approach

What we deliver

- Ensuring safety
- Reducing total cost of installation
- Accelerating schedule

Asset integrity management

- Offshore inspection
- Monitoring and digital solutions
- Mooring inspection, maintenance, repair and replacement

Why Acteon

- Extensive data-gathering
- Insightful analysis
- Highly efficient maintenance, repair and replacement

What we deliver

- Ensuring compliance
- Realising maximum asset lifetime value
- Reducing total cost of operations

Life extension and decommissioning

- Decommissioning engineering
- Removal and disposal services
- Asset life extension

Why Acteon

- Tailored decommissioning and life extension plans early in the project lifecycle
- Efficient offshore execution

What we deliver

- Maximising asset value
- Limiting decommissioning costs
- Minimising environmental risks

Underpinned by agile engineering consultancy that enhances project-critical decisions, optimises economic viability and minimises risk throughout the energy project lifecycle.



We act through our collective expertise

Together, our business lines offer a range of premium services, products and innovations that customers can flexibly apply, either individually or combined as part of a tailored solution, to suit their specific needs.

Our business lines

Intermoor
Moorings and Anchors

Acteon's Moorings and Anchors business line, provides project and operational management expertise to customers across the mooring lifecycle. By combining operational knowledge of mooring equipment, anchor handling and industry failure modes with subsea engineering expertise, we create a company unmatched within the mooring niche.

UTEC
Geo-services

Acteon's Geo-services business line, harnesses data to optimise designs, save time and maximise your project's economic value by providing a holistic understanding of the marine environment.

Engineering consultancy

Our engineering consultancy turn offshore challenges into your competitive advantage. Combining unrivalled domain knowledge with leading-edge technology, our agile consultancy enhances project-critical decisions, optimises economic viability and minimises risk throughout the energy project lifecycle. With proactive digital monitoring and industry expertise, we help you stay ahead, driving efficiencies and ensuring rigour from design to decommissioning.

We act globally

Our local teams have acted in all seas, powered by our extensive equipment inventory, decades of experience and deep understanding of global supply chains.

Our global projects



Our projects in action

"I would like to take this opportunity to wholeheartedly thank Acteon for the professionalism, quality workmanship, and high standards demonstrated by their personnel, equipment, and management. Their commitment to impeccable business ethics and the safety of everyone involved in our rig move projects has been truly commendable."

Superintendent, Manson Construction

"Acteon has successfully completed over 50% of the marine foundation installations for our wind farm project. The project continues to benefit from seamless collaboration, leveraging Acteon's advanced solutions, proven reliability, and operational efficiency."

Project Manager, DEME

"Acteon is a global leader, bringing years of experience to our wind pilot project. The data gathered through their surveys and inspections is proving invaluable in shaping our larger commercial initiative, as we work to deliver reliable, renewable energy to our customers."

Director Offshore Wind Operations, Dominion Energy

We act on our customers' challenges

We act on site investigation and characterisation

We mitigate risks in the design, construction and maintenance of offshore energy assets by providing site characterisation data energy companies need to make smart decisions. Using the latest technology, we can reach further and work faster without ever compromising on quality.

Geophysical and geotechnical surveys

We accurately map seabed properties so energy companies can optimally design, position and maintain their assets. Our customers can safely adopt more enterprising designs that save both time and money.

Minimal foundation validation
We enable smaller projects, shortening build cycles and reducing equipment / vessel requirements.

Going where others cannot
We operate in water depths from 20 to 3,500 metres and can gather geotechnical data in protected environments and locations beside operational assets, platforms and pipelines.

Remote survey capabilities
Machine learning, remote access, and advanced processing reduce risk, cost and environmental impact.

Geospatial surveys

We accurately map the project environment so customers can optimally design and position their installations, ensuring the integrity of existing assets while keeping costs to a minimum.

Remote survey experience
We are leading the transfer of offshore tasks onshore, setting the standard in remote support to offshore construction.

Digital delivery
We deliver data digitally in flexible formats, allowing instant access.

Advanced asset management
Our cloud-based visual asset management tool, iSite, provides 24/7 remote, collaborative access to your facilities from your desktop.







We act on offshore construction

Our experience, advanced equipment, and intelligent approach ensure the safe, efficient and cost-effective installation of marine infrastructure in the most challenging environments.

Positioning and construction support

We develop a detailed understanding of the specific offshore environment where an asset will be installed. This helps operators and contractors shorten the installation time and reduce risk while achieving high accuracy.

Comprehensive project management
We successfully manage survey and positioning for major subsea field developments from pre-engineering to final as-built deliverables.

Robust QC processes
We can integrate third party seabed data into as-built datasets.

Industry-leading metrology
We have developed advanced QC tools and techniques for quick, accurate metrology data analysis, supported by highly skilled field staff.







Integrated marine foundation installation services

We safely, responsibly and efficiently install the foundations for offshore energy assets and infrastructure, and enable customers to reach first production and/or energy generation on schedule.

Global leadership
We have decades of leading technology development in driven and drilled marine foundations, with over 150 years of combined experience and world record deepwater installations (WD 2,120 m).

Versatile inventory for a streamlined execution
Our wide range of hammers (100 to 6,000 kJ) is tailored to project needs, maximising cost efficiencies and enabling quieter operations.

Efficient processes
We can integrate surveying, engineering, lifting and handling, drilling, driving and grouting, and manage all of these through a single interface. This facilitates safe, timely and cost-effective delivery across all the phases of a development.

Mooring solutions

Globally, we design, install, maintain and remove both permanent and temporary mooring solutions safely, efficiently and cost-effectively.

Fit-for-purpose mooring solutions
We optimise anchor selection and mooring system design to offer customers innovative, fit-for-purpose mooring solutions throughout the project lifecycle, maximising efficiency while minimising risk.

Global reach
We have provided anchors and mooring equipment in all seas, including the Arctic Ocean and have shorebases around the world, always delivering projects with local content and local supply chain in mind.

Cost-effective installation
We have extensive experience using smaller vessels for permanent moorings, reducing cost and offshore impact.



We have decades of leading technology development in driven and drilled marine foundations, with over 150 years of combined experience and world record deepwater installations (WD 2,120 m).



We offer data and insight solutions that provide long-term confidence in the performance, stability, and rigidity of energy infrastructure. We help build the case for life extension for increased payback and help remove conservatism from designs.

We act on asset integrity management

Offshore inspection

We collect and analyse data on various aspects of assets, including positioning and corrosion, to assist customers making informed decisions to control both costs and risks around asset maintenance and life extension. Our premium services include visual and ROV inspections and seabed and cable route surveys.

Informed action
Customers partnering with us are empowered to manage their risks more effectively by making informed decisions based on reliable, up-to-date data.

Confidence through control
Our domain knowledge and extensive experience in offshore infrastructure gives customers the confidence to make cost-effective, project-critical decisions by balancing flexibility, efficiency and rigour.

Expert engineering
Through 2H, we develop and implement structured risk-based integrity management programmes, including fitness for service engineering assessments.

Monitoring and digital solutions for asset integrity management

Confidence through solid data infrastructureReliable access to actionable insightsIntegrated solutions for ease of use

Mooring inspection, maintenance, repair and replacement

Proven expertiseRapid response without disruptionInnovative solutions delivered



We act on life extension and decommissioning

We help energy companies maximise the value of their offshore assets while minimising environmental risks by developing tailored decommissioning and life extension plans early in the project lifecycle.

Decommissioning engineering

We devise and deliver tailored engineering plans to safely and responsibly decommission offshore energy assets, minimising environmental risk and impact on the bottom-line.

Specialist expertise
Decommissioning is highly specialised. We ensure assets are safely and compliantly abandoned, minimising environmental risk and impact on the bottom line.

Acting early
We deliver energy projects across their entire lifecycle, integrating decommissioning considerations from the outset. This includes using surveys to proactively identify and mitigate potential regulatory, environmental and operational challenges.

Turning data into risk prevention
We use advanced simulations, digital modelling, historical data and structural analysis to identify potential failure points before they impact operations.

Removal and disposal services

We deliver efficient, compliant and environmentally responsible support across all phases of offshore asset removal and disposal, ensuring safe execution in line with industry regulations.

Strategic optimisation
We design and implement strategic decommissioning plans that optimise the removal and disposal of marine energy assets, minimising environmental risk and controlling project cost.

Delivering across the offshore project lifecycle
Our expertise across the project lifecycle enables it to proactively address logistical, regulatory and environmental challenges, safeguarding customers' reputations.

Streamlining delivery across disciplines
Our joined-up, partnership-led approach brings together project management, advanced engineering and offshore execution to deliver full decommissioning solutions. This streamlines delivery and ensures cost-efficient removal of offshore infrastructure.

Asset life extension

We help maximise the value of ageing offshore assets. We assess the asset's current condition using a combination of data, including as-built design records and surveys detailing any degradation, and devise and deliver plans to defer abandonment and extend their operational life. We support customers with a range of premium services including data diagnosis, mooring installation/replacement, alongside vessel and equipment procurement.

Detecting anomalies and improving design
We do not just assess condition, we interpret it in context, helping operators identify realistic, cost-effective options for extending the working life of their assets.

Presence across the lifecycle
Due to our involvement with projects throughout the entire lifecycle of assets, we possess detailed historical data and knowledge of individual assets.

Facilitating data-informed decisions with digital twin integration
By combining sensor-based monitoring systems with digital twin models, we extrapolate the structure's response and give operators a view into future structural behaviour, fatigue and risk.





"We successfully decommissioned the deepest floating platform in Gulf of Mexico history."

Red Hawk Spar



We act on innovation

We develop and deploy industry-leading technologies that mean we can act more safely, efficiently and cost-effectively for our customers.









iSite
Accessible data for collaborative decision-making

Our cloud-based visual asset management platform allows users to remotely access, view, interact with, and manage assets, particularly those with complex geospatial and survey data, through an intuitive online interface.

The PROD
Quality data, safely delivered

Our portable remotely operated drill (PROD) is a fully self-contained, remotely operated seabed drilling and geotechnical testing system, capable of operating in water depths up to 4000 m and investigating seabed depths up to 150 m penetration. It provides three-to-five times greater productivity when compared to a geotechnical drillship.

Autonomous underwater vehicles
Safely survey shallower

Our low-logistics autonomous underwater vehicles (AUVs) offer higher productivity and the ability to survey in very shallow water of up to two metres. Operating at a constant altitude above the seabed but decoupled from the surface, they provide enhanced safety and a more stable, reliable, low-noise platform capable of gathering high-quality data throughout the operating depth range.

The MHU 6000W Wind Hammer
Larger, longer and heavier pile installation

Our Wind Hammer is engineered to drive larger piles in tougher environments and install longer piles in deeper waters, to enable the deployment of a future generation of monopiles with top diameters of up to nine metres. By operating a larger hammer at lower energy (between 200-6,250 kJ), the MHU 6000W Wind Hammer reduces machinery wear and tear and minimises underwater noise, supporting a more sustainable offshore environment.

IM™-H-Link
The world's strongest mooring connector

Our deepwater IM™-H-link mooring connector is composed of plates and pins that are specifically designed with a corrosion allowance for long-term mooring. We currently hold the world record for the strongest IM™-H-Link on the market (7,000 kg / 2,744 te) and our IM™-H-Links offer both a more reliable connection and features for easier on-deck installation

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NX2 Platform
Revolutionising data insights

Our NX2 Platform transforms raw data into actionable insights. Designed to allow customers to optimise their operations, NX2 provides a powerful ecosystem to support users across their entire data journey from data collection and storage to data transformation and insight generation.

iCue
Demystified data for easier analysis

Our unique data management solution allows structured data organisation and provides visual summaries of integrity information such as risks, anomalies, inspection plans and reports, condition monitoring KPIs, and more – all in a user-friendly online portal.

Ask us how we can help optimise
your next offshore project!
Contact us at info@acteon.com

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