



CENENERGY

CAPABILITY STATEMENT

Integrated offshore survey, positioning and marine geoscience

Precision offshore survey and marine geoscience

Offshore Survey · Positioning · Metrology · Geophysical · Geotechnical · Environmental · Subsea Inspection

info@cenenergygroup.com | www.cenenergygroup.com

Offshore Survey & Marine Geoscience Partner

CENENERGY is a specialist offshore survey and marine geoscience company supporting clients across offshore oil and gas, marine infrastructure, shipping, environmental and exploration projects. We help operators, contractors and asset owners understand seabed conditions, position offshore assets accurately, manage installation tolerances, verify subsea infrastructure and make confident engineering decisions.

Why we created CENENERGY

CENENERGY was established to provide focused offshore survey, positioning, inspection and marine geoscience support for offshore projects.

Purpose	Give offshore teams dependable, decision-ready survey data from a focused specialist provider.
Operating Philosophy	Scope each campaign around the decision it must support; execute with disciplined QA/QC.
Client Focus	Responsive and straightforward to work with, with clear field communication.
Practical Execution	Dependable results and a clean handover from planning through reporting — not unnecessary complexity.

How we work

01 Define Requirements	Objective, deliverable requirements, tolerances and constraints.
02 Plan Survey Scope	Methods, coverage, accuracy targets and QA/QC criteria; data-gap review.
03 Mobilize Resources	Fit-for-purpose personnel and survey systems to scope, schedule and HSE.
04 Acquire Data	Disciplined field acquisition with real-time quality monitoring.
05 Process & QA/QC	Structured processing with quality control and full traceability.
06 Interpret Results	Measurements turned into engineering-relevant findings and recommendations.
07 Deliver Client Outputs	Interpretation-ready deliverables in your required formats, with handover.

Markets served

Offshore Oil & Gas · Marine Infrastructure · Shipping & Navigation · Environmental & Regulatory · Exploration & Resource Assessment

Project lifecycle support

01 Concept & Screening	Desktop review, survey planning, route strategy and data-gap identification.
02 Site Investigation & Design	Hydrographic, geophysical, geotechnical and environmental survey with interpretation-ready deliverables.
03 Installation & Construction	Positioning, metrology, dimensional control, ROV support and as-installed verification.
04 Operations & Maintenance	Inspection survey, pipeline/cable survey, free-span assessment and asset-integrity reporting.

CORE SERVICES

Integrated Offshore Survey Capability

Offshore Positioning & Construction Support

Surface and subsea positioning for offshore construction and marine operations.

- Vessel positioning and rig moves
- Subsea structure installation and ROV support
- Anchor and mooring positioning
- Touch-down monitoring
- As-built / as-installed survey

OIL & GAS • MARINE

Hydrographic & Bathymetric Survey

High-resolution seabed depth mapping from coastal to deepwater using multibeam echo sounders.

- Multibeam bathymetric survey
- Seabed morphology and slope analysis
- Obstruction detection
- Change monitoring / re-survey

SHIPPING • MARINE

Geotechnical Investigation Support

Ground-model inputs for foundation design, pipeline burial and seabed infrastructure planning.

- CPT and coring support
- Sampling and borehole support
- Field logging and sample management
- Integrated ground-model inputs

OIL & GAS • OFFSHORE WIND

Environmental & Metocean Survey

Baseline and operational data for environmental assessment and regulatory submission.

- Tide, current and wave measurement
- Water-column profiling
- Environmental baseline survey
- Reporting inputs for impact assessment

ENVIRONMENTAL

Subsea Metrology & Dimensional Control

Measurement campaigns that fix relative position, heading, elevation and alignment to tight tolerances.

- Jumper and spool metrology
- Pipeline, manifold and template measurement
- Subsea structure dimensional control
- Tie-in and connection measurement

OIL & GAS

Marine Geophysical Survey

Seabed and shallow-subsurface characterisation, geohazard screening and buried-infrastructure detection.

- Side scan sonar
- Sub-bottom profiling
- Magnetometer survey
- High-resolution seismic

OIL & GAS • EXPLORATION

Pipeline, Cable & Asset Inspection

Pre-lay through life-of-field inspection and IRM support for pipelines, umbilicals and subsea cables.

- Pre-lay, as-laid and as-built survey
- Free-span and burial assessment
- Debris and crossing survey
- Inspection, repair & maintenance (IRM) support

OIL & GAS • MARINE

Data Processing & Digital Deliverables

Quality-controlled processing, interpretation and reporting in client-ready formats.

- GIS / CAD outputs
- Digital terrain models
- Anomaly registers
- Client-specific data packages

ALL SECTORS

Discuss your project

To scope a survey, positioning, inspection or environmental requirement, contact our team at info@cenenergygroup.com | www.cenenergygroup.com.

WHO WE HELP

Built Around How You Work

Offshore Construction Managers	Installing subsea structures and pipelines on schedule and within tolerance.
EPC Project Managers	Delivering a whole offshore scope with one accountable, integrated survey partner.
Survey Managers	Sourcing a competent survey subcontractor with dependable data quality and formats.
Asset Integrity Teams	Confirming pipeline, cable and structure integrity over the life of field.
Pipeline Engineers	Routing, burial and as-built verification without geohazard surprises.
Environmental Managers	Baseline, metocean and monitoring data for permitting and compliance.
Procurement Teams	Qualifying a capable supplier and getting a clear capability statement.

By need

Site Investigation & Design	Hydrographic · Geophysical · Geotechnical · Environmental
Construction Support	Positioning · Subsea Metrology
Inspection & Integrity	Pipeline, Cable & Asset Inspection · Positioning
Environmental & Permitting	Environmental & Metocean · Data Processing
Data & Deliverables	Data Processing & Digital Deliverables

Typical enquiries we support

- Site investigation and survey planning
- Subsea metrology campaigns
- Environmental and metocean studies
- Offshore construction positioning support
- Pipeline and cable inspection programs
- Survey data processing and reporting

How to engage us

For a fast, accurate scope, tell us:

- The objective and the decision the survey must support
- Location, area and approximate water depth
- Timing and schedule constraints
- Required deliverables and formats (e.g. GIS / CAD, DTM, reports)
- Any existing survey data or drawings

Send these to info@cenenergygroup.com or use the enquiry form on www.cenenergygroup.com, and we will help define the survey scope.