

An aerial photograph of a survey vessel on the ocean, moving from right to left, leaving a white wake. The vessel is equipped with various antennas and sensors. The ocean is a deep blue, and the sky is a lighter blue with scattered white clouds. The image is partially obscured by a blue vertical bar on the left and a yellow-green horizontal bar at the bottom.

# Acquisition Optimization Services

MAXIMIZING EFFICIENCY AND COMPLIANCE  
IN MARINE SURVEYS

# Acquisition Optimization Services

Sercel Acquisition Optimization Services provide marine survey planning, supervision, and optimization to energy companies and partners. Our mission is to help customers reduce costs and improve risk management while also facilitating real-time decision-making and optimizing data quality. Additionally, our focus is on mitigating HSE exposure and ensuring compliance with environmental and operational regulations. We achieve this by working closely with our customers throughout all stages of their marine surveys, including planning, execution, monitoring, and analysis, and by leveraging expert personnel and industry-leading tools.

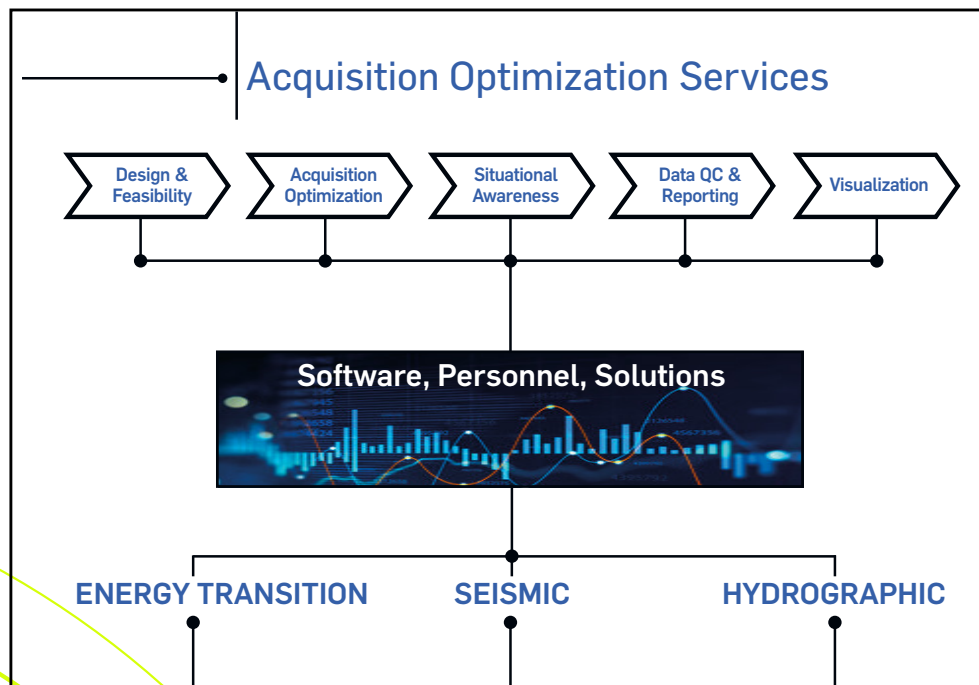
## COLLABORATION AND FLEXIBILITY

Our offshore support team is highly skilled in modern survey methods and software, and we collaborate closely with customers to determine the best strategy for each project. We leverage on-demand development resources to improve the quality and productivity of the data collected during marine surveys.

Our approach is based on a solutions-oriented mindset, which is exemplified by our distinct offering of connected software, services, and experienced personnel.

We work with our clients to understand the unique challenges associated with a project and customize our extensive services to deliver results at each phase of the acquisition lifecycle.

- Maximize operational efficiency
- Reduce costs
- Manage risks
- Enhance quality assurance procedures
- Gain complete project oversight
- Ensure compliance
- Leverage centralized reporting for strategic advantage



For over 40 years, E&P companies and seismic service providers have relied on our expertise and software to plan and optimize complex offshore survey acquisition.

## Sercel Concept's Acquisition Optimization Services have been successfully used in a wide range of offshore environments.

Our expertise spans a wide range of offshore sectors, with in-depth knowledge and capabilities in key areas to support energy transition, seismic, and hydrographic projects. We offer field-proven services that can be tailored across the entire project's life cycle.

**Seismic** projects often take place in demanding environments involving technical and operational challenges. With over four decades of experience, we employ cutting-edge techniques and consistently deliver superior results to our customers within this sector.

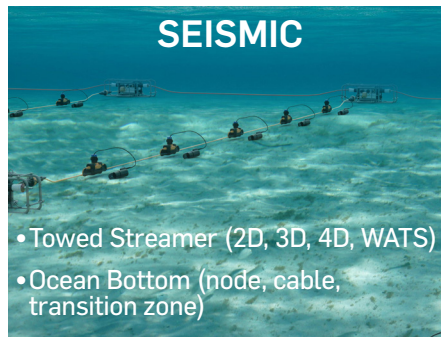
**The Energy Transition** is pivotal to achieving a sustainable future. Within this realm, industries like wind energy and CCUS frequently seek expertise and experience from the established E&P sector to navigate their paths forward. Our experience in optimizing seismic surveys puts us in a unique position to support operations in the energy transition.

**Hydrographic** surveys such as pipeline inspection using autonomous underwater vehicles (AUVs) and bathymetric surveys are also impacted by similar operational and technical constraints to those of seismic and energy transition operations. We provide a suite of services to support hydrographic projects in congested environments.



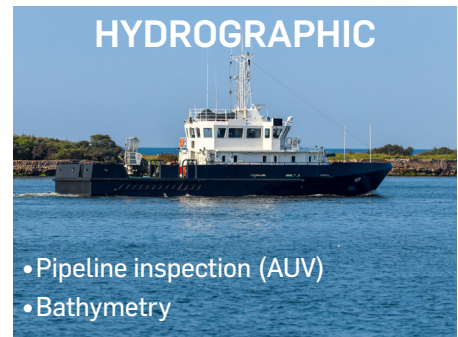
### ENERGY TRANSITION

- Wind (High Res & Ultra High Res)
- CCUS (Planning & Monitoring)



### SEISMIC

- Towed Streamer (2D, 3D, 4D, WATS)
- Ocean Bottom (node, cable, transition zone)



### HYDROGRAPHIC

- Pipeline Inspection (AUV)
- Bathymetry

# Sercel Concept's Acquisition Optimization experts pioneered the 4D service model

Discover our comprehensive portfolio of services:

### Design & Feasibility



**Strategy Planning:** model and evaluate options to identify the optimal acquisition method and configuration for data uplift and efficiency.  
**Close Pass Design:** planning safe and effective passes to optimize data acquired around field infrastructure.  
**4D Assessment:** data validation to highlight potential challenges for acquisition and identify approaches for mitigating.

### Acquisition Optimization



**Current Prediction:** trend analysis and forecasting to drive operational planning.  
**Vessel Optimization:** short- and long-term acquisition planning to maximize efficiency.  
**Strategy Implementation:** utilizing and adapting proven techniques to achieve project goals.

### Situational Awareness



**Operational Intelligence:** mapping and logging all field activity information to an auditable database.  
**Conflict Avoidance:** managing acquisition to minimize downtime between concurrent operations.  
**Real-time Monitoring:** tracking activities against plan, ensuring compliance with exclusions and regulations.

### Data QC & Reporting

**Review:** trend analysis and anomaly identification.  
**QA/QC:** evaluation against contractual specifications.  
**Uplift:** identify areas of improvement and implement efficient strategies for achieving.



### Reporting & Visualization

**Progress Tracking:** monitor project KPIs, survey progress, and completion estimates.  
**Project Oversight:** share a real-time view of operations with all stakeholders.  
**Environmental auditing:** Database and deliverables to demonstrate compliance.



Learn more about how our services can benefit you.  
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