

Advanced **Geophysical and Geotechnical**

Offshore Services

MULTIENERGY



GEOFIZYKA TORUŃ

GRUPA **ORLEN**

Company profile

Since 1966 we have been supporting multienergy companies in solving their most complex challenges in the field of renewable energy resources, hydrocarbons & minerals exploration, nuclear energy, construction & mining industry and natural energy storages. Our experienced team of geophysicists and geologists – some of most innovative professionals in the industry – strive to push the limits of geoscience and geoengineering every day, using leading-edge solutions to maximize understanding of the earth's subsurface as to produce energy safely and efficiently.

Our story:

[GT corporate movie](#)



Our offshore services

Geological Drilling and Geotechnical Services

Combining extensive geophysical, geological and hydrogeological experience with the most advanced equipment, we supply a wide range of comprehensive ground and seabed explorations to determine environment conditions for industrial and technical infrastructure, offshore wind farms and submarine cables connecting offshore wind farms with the coastal infrastructure. What's more we deliver geotechnical studies for the development of land and maritime infrastructure, including ports installations and service terminals.

Engineering Geophysics

Using the most modern methods and survey equipment, we support designers and developers of wide range of tasks - geological, engineering, hydrogeological, geotechnical and environment protection – with appropriate measurements, analyses and documentation.

Offshore seismic

Applying the newest Ultrahigh-Resolution Seismic (UHRS) Systems together with our vast experience, we provide integrated seismic knowledge that helps multienergy companies to maximize efficiency of offshore investments, regardless of sea bottom challenges.

Our story:

[Movie presenting the platform](#)



Our C-726 Self-elevating Platform manufactured by Combifloat

ISO 9001:2015
for Quality Assurance

ISO 14001:2015
for Environmental Protection

ISO 45001:2018

CO₂ carbon reduction
Geoscience

KEY FACTS AND FIGURES



Photo by Geo Marine Survey Systems

Key offshore services:

- ✓ Seismic refraction and reflection with ultra high resolution system (UHRS)
- ✓ CPT, CPTU, SCPTU, SPT in boreholes
- ✓ Collecting soil samples, using a vibro-corer
- ✓ Geotechnical drilling
- ✓ Collecting soil samples for laboratory tests and undisturbed soil samples (USS)
- ✓ In-situ Thermal Resistivity Tests (TRT)

Our assets:

- ✓ **experienced and professional team** of engineers, geophysicists, geologists and hydrogeologists
- ✓ **advanced and versatile equipment**, including **Self-elevating Platform C-726**, **UHRS system** (channel streamers, sparkers and multitrack recorder), **CRS 170 XL DUO** sonic drilling rig, **Manta 200** - 20 tons CPT probe, vibrocoring and also drilling rigs: H61S.2-Wamet, Delta Base 550, JOY 3, URB 2,5A, KRETOMAX 150, PAT DRILL 301
- ✓ **all-inclusive services**, starting from drawing up the Geological Work Project, through completion of the field works, until the full documentation for the entire project
- ✓ **commitment** to meet individual objectives, expectations and the highest QHSE standards

Our story:

[GT offshore movie](#)





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MORE THAN
55 YEARS
OF WORLDWIDE
EXPERIENCE

KEY FACTS AND FIGURES

OPERATIONS
ON
6 CONTINENTS
AND IN
50 COUNTRIES

KEY FACTS AND FIGURES