



# INFRASTRUCTURE AND ENERGY

SOLUTIONS FOR EXCTRACTIVE COMPANIES



World Acoustic Group SA is a dynamically developing construction-engineering company, offering products and services mainly in acoustic environment protection.

The main shareholder of WAG SA is one of the greatest European manufacturers of extruded elements - **Royal Europa Sp. z o.o.** Long-standing cooperation between the two organizations has enabled to create staff and financial potentials, both heavily market-oriented.





WAG SA offers products and services within the scope of **complex investment handling** along with keeping the **highest work and environment safety standards possible**. We offer the following: site management, designing, material delivery and construction.

One of our chief assets is an **experienced team of engineers** aimed at diligent cooperation with a possible investor.





WAG SA offers **complex noise barriers construction** - from acoustic research, designing stages, assembly and repair and maintenance services. Individual approach to every single project ensures the most efficient selection of solutions in fight against the noise.

WAG SA is based on dynamic strive to the maximum level of development and on searching for new planes of activity. WAG also cooperates in the following fields:

- infrastructure elements construction for companies trying to find shale gas deposits,
- assembly of construction elements for energy industry companies,
- searching for innovative solutions for industry and construction together with institutions of research.





WAG SA realizes complex fields for drill sites associated with natural gas and petroleum deposits exploration, linked at the same time with reclamation of land.

Poland might possess over 1 billion m³ of natural gas. According to the research made by EIA (Energy Information Administration), we might count even on 5,3 billion m³. Such an amount may be enough to meet the national demand for this material for the next 70 years.







- employees safety we minimize the employment of human resources in hazardous places with the use of modern technologies and devices.
- limitation of dangers for local people we undertake acoustic tests checking noise level of the works and organize local public rights of way traffic,
- minimizing the danger of environmental pollution: we use low-energy consumption means of transport and protect the road surface against contamination; further, we apply worldwide standards

- concerning hazard elimination during refueling and repairing procedures,
- no environment impact having completed the drillingrelated tasks by the investor, we restore the investment site to its original state by means of recultivation processes.

Every next investment stage is preceded by research of the influence of WAG SA intervention on the environment; the results are taken into account when implementing further steps.



Brodnica - land area of dimensions 95 x 105/125 m. and the total surface along with banks amounting to 14 575 m<sup>2</sup>.



The drill site and its access road of 10 m width and 273 m length was reinforced with crushed-stone aggregate 0-63 of total 8200 tons and mechanically stabilized non-swelling soil of total 18000 tons. Total earthworks balance - 24000  $m^3$ . The site's surface was additionally reinforced with composite sheets of total 4475  $m^2$ . Works completion time - 6 weeks.

**Qualified personnel of WAG SA** employees specializes in earthworks, assembly works and installation works, aggregate transport services and communication within the construction site.

WAGSA possesses within the site **their own geotechnical laboratory and construction site survey**, due to which constant supervision of the quality of the works is possible.





Ziomaki - land area of dimensions 105 x 105 m. and the Total surface along with banks amounting to 12 170 m<sup>2</sup>.



The drill site and its access road of 10 m width and 125 m length was reinforced with crushed-stone aggregate 0-31,5 of total 9500 tons and mechanically stabilized sand and gravel mix of total 17300 tons. Total earthworks balance - 21500 m³. The site's surface was additionally reinforced with composite sheets of total 4475 m². Works completion time during autumn-winter period - 5 weeks.

#### World Acoustic Group SA

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