



Sopot, 11th of April 2022

## Company Profile

Let me briefly introduce **Propetrol** limited company and our present managerial activity. ProPetrol was founded in 1992 in Gdańsk, Poland with the objective of providing quality project management, consultancy and development services to the oil & gas industry related to the downstream activities. Company have been involved in a wide range of projects for both: small independent operators and major national companies but mostly LOTOS S.A. In the meantime our personnel supported PGNiG S.A., STENA Investment S.a.r.l. drilling activities as well as smaller operators.

Sopot and Gdansk, both located in Pomeranian voivodeship are playing an integral role in local and global operations by being part of environment covering onshore and offshore technology R&D, finance, supply chain and IT. In 2020 take-over by the new Company Management resulted the new company headquarters movement into Sopot City Poland as well as Propetrol Consortium establishing. From this point we are focused on the oil & gas upstream activities with the objective of providing quality project management, well engineering, oil & gas drilling, completion and work-over, geothermal as well as industry waste management.

Today we continue to deliver the operational excellence we are renowned for, while exploring new business models and innovative technologies. The priority for 2022 is R&D centers and services. According to this we spend over than 20% of our revenue on R&D. Currently, the Company has started work on patenting technological solutions which optimize the geothermal production lifetime and efficiency mostly in downhole equipment corrosion protection as well as production process from the two separated sweet spots. Our specialists performed Łowicz Municipality approval process and carried out Drilling Program. The plan is also to supervise and manage further drilling projects for Łowicz and Stryków Municipalities. On the basis of our alliances we will realize geothermal project to provide thermal energy for the company located in Krakow. These works will be performed in between Q2 – Q3 2022.

Moreover, we deliver waste thermal incineration solution on the pyrolytic-fluidized waste utilization technology and our 9 patents as well. At the moment three prototype plants are in operation mode, all on an industrial scale.

## ***“Efficiency is doing better what is already being done”.***

Based on our needs and internal CSR policy P. Drucker’s sentence is our Company philosophy and most important ethic standard. Based on *Lean Management* and *Kaizen* rules Propetrol personnel is focused on permanent optimization and development in the technological and business scope of duties. Our personnel have a proven track record in delivering complete Well Management projects from concept through to execution and service. Moreover, we deliver consultancy services on a project basis to our customer’s strategy tasks, as well as their satisfaction. Company members have been involved in more than 30 well construction projects for more than 10 operators and clients in Poland, Denmark, Hungary, Kazakhstan, England and Kuwait since 1994.

Our goal is to improve safety and efficiency and reduce cost and complexity, ultimately making offshore oil and gas projects as well as geothermal solutions and waste management more competitive. This is what we mean by Smarter Drilling for Better Value. We have strong focus on maintaining excellent relationship with the clients and other stakeholders including local authorities and customers abroad.

At this moment we are open minded to rise working capital and investment funds by presenting company development plan, mostly in relation to the geothermal project development in Poland. We are focused on the salt domain temperature gradient phenomenon in central part of Poland as well as rock ability to support green power generation sector. We believe, that our potential partner might be interested in showing Company image as a green entrepreneur, especially after company transfer assets.

**We can manage and supervise engineering projects in the areas known to us, at the point where oil & gas operations and business meet, as follows:**

### **Waste Management**

ProPetrol has a track record within G&G analysis, seismic acquisition, well construction, corrosion engineering, time and cost optimizing process, waste management, such as:

- Waste incineration plants establishing based on the new technology and established 9 patents; this technology gives the product in the form of a clean, carbon-free dust. It could be reused in agriculture, building sector or even dump to any waste pit without environment pollution. Such a new technology could work in cogeneration and in sum is cheaper than conventional solutions by about 1/3
- Support small and large scale water transfer projects
- Biological solutions for removing hydrocarbon contamination of soil and sea water

## Drilling Project Management

- Supervision and preparation of data room, petrophysics & seismic interpretation
- Estimation of hydrocarbon reserves and geological risk assessment, prospect appraisal and field re-development
- Geology & Geophysics seismic data analysis by **SMT Kingdom software**
- Geology & Geophysics data acquisition by **XRF Spectrometer**
- Upstream conventional and unconventional oil & gas in different scale of activity, support large scale integrated development plans up to 10 rigs at the same time and smaller stand-alone projects based on **UPET TD 160/200 CA drilling rig (EU manufactured in 2015)**
- Offshore and onshore HSE standards improvement
- Drilling process PERT optimization and SIMOPS application
- Advanced financial analysis based on MBA models
- Process & management change based on Kozminski University models
- Strategy development by technological and financial compliance studies
- Upstream (downhole equipment) and downstream infrastructure corrosion protection w/ NACE accredited corrosion laboratory support, potential and gravimetric measurements corrosion processes in different environmental conditions with Ag/AgCl/sea water and Cu/CuSO4 CSE reference electrode, conditions and survivability of cathodic protection system analysis (Mg and Zn-alloys protectors), corrosion inhibitors efficiency analysis as well;
- ERD supervision

## Research & Development

Enterprise design new wells with the main objective of maximizing the production and well lifetime by careful evaluation of subsurface data and delivering the optimal technical solution. We continually develop our tools mainly for corrosion protection and operational time and cost optimization. Competencies within chemical, reservoir engineering and MBA management solutions play an integral part of our projects lifecycle philosophy.

### **Some of the challenges Propetrol personnel successfully overcame:**

- Supervision of the first offshore deviated ERD in Poland in early 90';
- Corrosion protection of the jack-up offshore rig construction and down hole equipment;
- Well designing and supervising of drilling process through the three different formations: Silurian claystone, Ordovician limestone and Cambrian abrasive sandstone using only one PDC drill bit;
- Support drilling HTHP wells in Hungary w/ H<sub>2</sub>S/CO<sub>2</sub> contamination (treatment w/ lime except caustic potassium), LCM pills w/ maximum concentration of bridging agents and also total fluid loss prevention by barite plugs in case of dramatic fluid loss and kick of gas at the same time;

- Supervising of the drilling deviated well in the Rahiyah exploratory field in Kuwait up to 16 K ft MD;
- Supervising of the multistage shale & sandstone fracking job in Poland w/ flow back up to 80% of total volume slurry pumped, 10 K PSI process pressure up to 60 bbls/min;
- Our family Central Europe and MENA drilling experience.

In sum Propetrol offers our customers the highest quality staff & equipment industry standard support at competitive prices through our manpower and alliance partners in oil & gas sector, corrosion protection and waste incineration as well. What can we offer? What kind of value can we bring to your business?

- As a small independent company we deliver our flexibility and efficiency. Even though administrative processes take long time we have a proven track record with project delivered on time and local Authorities final acceptance
- Effectiveness in action is understood by us as optimal management of resources we have. In other words- every activity as well as the entire project is conducted on the basis of a well-done plan and substantive risk analysis
- No process can substitute sound, fundamental engineering, thorough planning, dedicated teamwork, quality supervision and attention to detail. Processes don't drill wells – people drill wells. People who poses local experience.

We look forward for your prompt reply. We would also welcome your invitation to discuss potential cooperation and possible bilateral relation.

Kind regards,

***Milosz Adam Kuziemka*** CEO

Biuro Projektowo-Uslugowe „PROPETROL” Sp. z o.o.