



MT
GROUP

Your EPC contractor for
sustainable energy solutions

www.mtgroup.lt

Who we are?

Founded in 2008, MT Group is an EPC contractor that executes pilot energy projects in Europe. The company has vast experience in turn-key LNG terminals, natural gas related infrastructure and complex offshore projects.

Company is active in port development and has its sight set on development of renewable energy infrastructure, biogas infrastructure, offshore wind farms, carbon capture and hydrogen technologies.

At MT Group, safety and quality are at the core of everything we do. We uphold the highest standards in workplace safety and deliver industry-leading quality in all our projects, ensuring a lasting impact on both our clients and the environment.



Map of operations



2008 The company was founded



#1 Pioneer in Green Hydrogen Baltics

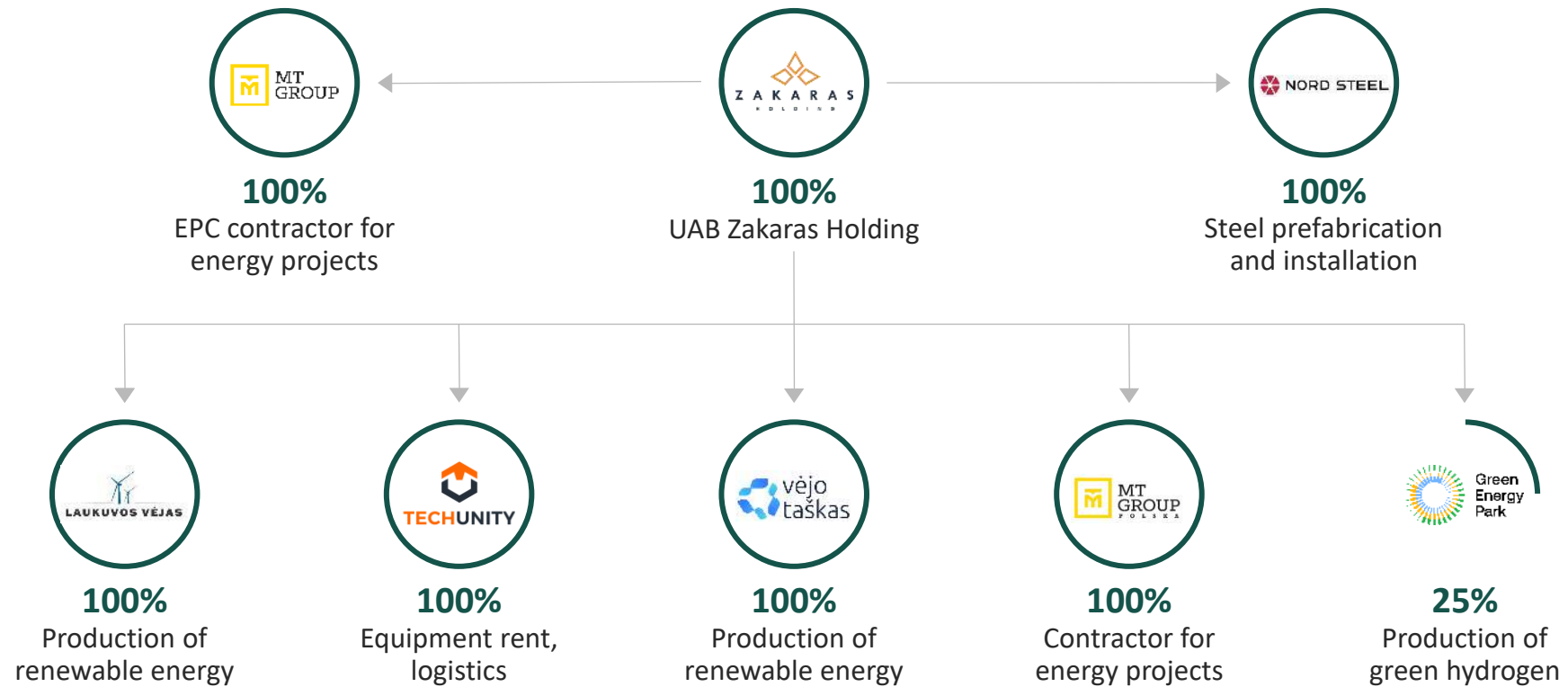


#1 Pioneer in LNG Baltics



10+ Industry sectors

Group structure chart



Our services



LNG & Gas Sector

MT Group is strongly positioned in engineering and construction of LNG & gas infrastructure. We are proud to have contributed to numerous strategic projects in the Eastern, Northern and Central Europe.



Port Construction & Development

Capital and maintenance dredging, construction and expansion of ports, terminals, breakwaters, quays and jetties are our key activities and interests in the sector.



Power Generation & Interconnection to Transmission Grid

MT Group focuses on energy transition and has expertise in interconnection of power cables into transmission grid.



HDD Solutions

MT Group has valuable experience in HDD (horizontal directional drilling) solutions for submarine and underground cables and pipelines.



Renewable Energy

Contributing to transition to the clean energy MT Group has core focus on onshore and offshore wind turbine parks in the Baltics.

Our services

Steel Structures Prefabrication

MT Group provides custom made steel items & equipment for many different industries and construction & infrastructure sectors. Nord Steel specializes in steel fabrication and is a member of the same group of companies.

Hydrogen Technologies

Working to be a sustainable link to the future! Realizing Hydrogen's future role MT Group invests in its employees' competences and know-how on this sustainable technology. Company is ready to contribute to rewriting the European energy grid, where hydrogen will eventually replace the natural gas.

Biogas Solutions

Turning waste into resources is a significant development in the quest for sustainable and renewable energy sources. Our expertise in biogas solutions enables us to customized solutions meeting specific needs of different customers and sectors.

Local Support & Representation

We support, assist and lead our international partners forward in big scale project acquisition and execution phases in the Baltics and Central Europe. Our know-how extends to so far as the following topics: tendering, certification, taxation, design, permitting, regulatory requirements, project execution and commissioning.

Green Energy Transition

In 2024, MT Group proudly embarked on a groundbreaking journey as the recipient of the prestigious contract to implement the first green hydrogen production plant (EPC) in Lithuania and the Baltic states. This pioneering venture marks a significant milestone in our strategic transition towards leading the green energy revolution, demonstrating our commitment to sustainable innovation and a cleaner future.

What we do



Testing and
commissioning of plants



Executing pilot energy
infrastructure projects in Europe



Full EPC scope



Turnkey projects



Certified engineers, designers,
construction & project managers





Reference projects **we are proud of**

www.mtgroup.it



PROJECTS

Green hydrogen production and refueling station at the port of Klaipeda (Lithuania)

KEY PROJECT DETAILS:

Hydrogen application:

hydrogen will be used for refuelling ships, public transport and private vehicles.

Hydrogen production capacity:

at least 531 kg per 24 hours (1 250 kW).

Production source:

renewable electricity and water.

Electrolysis method:

proton exchange membrane (PEM).

Conversion efficiency:

at least 55%.

Reaction time:

less than 1 minute from standby mode to hydrogen production.

Hydrogen purity:

minimum 99.99%.

Station refuelling capacity:

at least 1 000 kg per day.

Total storage capacity:

greater than 1 000 kg of hydrogen.

Refuelling rate:

at least 100 kg/h.

Refuelling pressure:

350 bar and 700 bar.





PROJECTS

Construction of large scale CO² capture storage facility in Denmark

KEY PROJECT DETAILS:

Expansion works by installation of CO² capture system mechanical, piping (PE, carbon steel, stainless steel), structural steel and equipment installation works:

- Compressed air system and utility.
- Water supply and wastewater management.
- Cooling system (incl. Cooling water building).
- Process steam and condensate system (incl. Reboiler building).



PROJECTS

60MW heater facility at Brunsbüttel LNG terminal in Germany

KEY PROJECT DETAILS:

General construction and mechanical works (piping approx. 11 000 inch of stainless and carbon steel piping incl. prefabrication and assembly onsite), including the installation (6 boiler units, incl. pumps and filters and approx. 80 t of steel structures), E/I activities and commissioning of technological equipment, electrical and automation systems.



PROJECTS

Biogas liquefaction skids installation works in Zorbig (Germany)

KEY PROJECT DETAILS:

Manufacturing & installation of piping skids, prefabrication and installation of interconnecting piping system between piping skids & liquefaction equipment, installation of coolers & other various equipment.

DETAILS:

- Stainless steel and carbon steel piping.
- Valves, measurement units, other equipment.
- Max Design pressure 55 barg.
- Min Design Temperature -195 °C.
- Max Design Temperature 150 °C.
- Module 1 - 2.8 x 4 x 16 m (up to 35 t.).
- Module 2 – 2.8 x 4 x 7 m.
- Module 3 – 2.65 x 2.9 x 5.9 m.



Biogas liquifaction skids installation works in Zorbig (Germany)





PROJECTS

Skånes Fagerhult biogas plant project in Sweden

MT SCOPE:

Consulting services for the engineering design of the biogas plant, aiming for a fixed quote price for the project: 3D model, P&ID, PFD, Equipment lists, Battery limits, layout 2D, first HAZOP, BoQ, etc.

KEY PROJECT DETAILS:

The project aims to build a biogas plant in Skånes Fagerhult capable of processing 400 000 t of substrate annually to produce 130 GWh of biogas. The plant will also produce solid and liquid biofertilizers as byproducts.



PROJECTS

Capacity increase and truck loading module installation at LNG terminal in Zeebrugge (Belgium)

KEY PROJECT DETAILS:

LNG terminal expansion works by increasing technological throughput parameters of the terminal. Mechanical, piping, structural steel and equipment installation works. Installation of additional technological facilities and new pipelines.

Capacity increase and truck loading module installation at LNG terminal in Zeebrugge (Belgium)



Capacity increase and truck loading module installation at LNG terminal in Zeebrugge (Belgium)





PROJECTS

Construction of onshore gas pipeline for Baltic pipe project connecting Denmark and Poland gas grids in Poland

KEY PROJECT DETAILS:

- Pipeline DN900/DN1000, mop 12.0/ 8.4 MPa, 41 km Konarzewo receiving terminal.
- Niechorze linevalve station DN900 pn 12.0 MPa Płoty gas transmission hub.
- Wilczkowo linevalve station DN1000 pn 8.4 MPa.

Construction of onshore gas pipeline for Baltic pipe project connecting Denmark and Poland gas grids in Poland





PROJECTS

LNG reloading station in Klaipeda (Lithuania)

KEY PROJECT DETAILS:

LNG storage capacity:
5x1 000 m³.

LNG carrier unloading:
1 250 m³/h.

Ship bunkering:
500 m³/h.

Truck loading bays:
2x100 m³/h.

Fuel gas supply:
7 000 m³/h.

LNG reloading station in Klaipeda (Lithuania)





Leave **the heavy**
lifting to us!