



gasfin
Group

Company Profile

www.gas-fin.com

PROJECT DEVELOPMENT >
PROJECT EXECUTION >
PLANT OPERATION

gasfin
Group

Who We Are

Since 2006 Germany | Luxemburg



Creating gas products,
not just developing projects



Founded in 2006



DEVELOPER, EXECUTOR AND OPERATOR

Preparation, arranging and implementation of energy supply projects with focus to bring synergies between owners, suppliers, operators, off-takers and end-users.



Independent, technically led LNG infrastructure developer

Independent developer of LNG solutions across the infrastructure chain

- Gasfin has a rich engineering lead background, created by former TGE (Tractebel Gas Engineering) senior executives and shareholders
- We offer a risk sharing model from concept into operation
- Trusted technical partner of global LNG players with long track record across LNG carriers and Terminals
- In house capabilities to fast-track design, engineering, and permitting
- Strong, proven partnerships for finance and operation
- Gasfin has led the design, permitting and development of multiple mid scale LNG projects from which it developed the floating regasification unit (FRU) concept.

GASFIN APPROACH

Our engineering led
developer/owner/operator
approach ensures that:



Infrastructure developed by Gasfin will be technically robust, compliant with applicable regulations and therefore attractive to all stakeholders.

We can tackle projects that require more than just the provision / construction of standardized LNG infrastructure, i.e. we can take a project conceptualisation, technical and commercial development, permitting, construction and into operations.

Brief History



- In 1980 “Liquid Gas International Ingenieurgesellschaft GmbH” was founded as a privately owned company.
- 100 % of the company was acquired by Tractebel Engineering in 1992 with 30 employees.
- Tractebel Gas Engineering took over all cryogenic storage activities of Tractebel in 2001.
- In 2006, under the lead of Vladimir Puklavec a management buy-out took place, and the company name was changed to TGE Gas Engineering.
- In the same year, Vladimir Puklavec established Gasfin S.A. in Luxembourg as an independent developer, owner and manager of mid-scale LNG infrastructure with employees in Luxembourg, Germany and the UK. With its roots in cryogenic gas engineering.
- Both TGE Marine gas Engineering and TGE Gas Engineering owned by former executives of the TGE Group is split into two companies with almost 500 engineers:
 - TGE Marine AG (wholly owned by Mitsui Engineering and Shipbuilding), and
 - TGE Gas Engineering GmbH (60% owned by CIMC and 40% owned by Gasfin) are a world leader in its respective niches and have designed and delivered hundreds of cryogenic gas carriers and terminals globally. TGE Marine and TGE Gas (collectively “TGE”) are Gasfin’s engineering partners for the delivery of LNG infrastructure.
- In order to achieve consistent corporate management across all his subsidiaries, Vladimir Puklavec founded Puklavec Vermögensholding GmbH on 23rd of December 2019.

Management



Tobias Puklavec
Chairman

After the death of Gasfin's founder, his father Vladimir Puklavec in October 2022, Tobias took over his role as Chairman and CEO. Since then, he has led and managed the company with innovation and growth towards new and green energies.

His education as an industrial engineer and his almost 20 years of experience in top sales functions and as a member of the management board of TGE Gas Engineering GmbH help him to expand the core business, build new markets and invest in future business.

He is not only driving the expansion of Gasfin, as a member of the supervisory board of TGE Gas Engineering GmbH he is steering the development towards the future.



Michael Knabben
Managing Director

Michael is a member of the Gasfin Group's Board of Directors and the Managing Director within the Gasfin Group.

His many years of experience as a close business partner and companion of the company founder are invaluable for the future direction of the company.

Within the group, he is responsible for the finances as well as the regulatory and legal aspects of the company.

He shares over 40 years of experiences in executing and organization of projects.



Eugen Illenseer
Chief Operating Officer

As COO, Eugen advises the general management on all aspects of the company's day-to-day business.

With his skills and over 15 years of experience, which he has already proven in several management functions and in the establishment and expansion of subsidiaries based on his training in mechanical engineering, he manages the operational business of the company.

He is also responsible for increasing productivity, developing strategies to develop talent at all levels and coaching leaders to effectively achieve the company's goals.



Thomas Sölla
Chief Strategy Officer

In his role, Thomas supports the Board of Directors on corporate and business development issues.

He is charged with aligning the business development strategy with the company's vision and values, and shaping and guiding relationship management, sales and revenue activity across the enterprise.

With over 20 years of experience in a variety of sales and business development roles in the international EPC project business of plant engineering and construction and his in-depth training in process engineering, international corporate management and project management, he helps steer the company's larger strategic directions and their impact.



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Our Approach

Gasfin takes a part in preparation of production projects and tightly follows progress in applicable technologies pertinent to efficient and cost-effective implementation of modern business objectives.

To large extent, company's activity corresponds with mission to strongly support environmental sustainability with economical benefits.

People

An international team of dedicated industry professionals is committed to daily activities within diversified projects of the Group. By merging experience and dynamism of younger generation, Gasfin builds its future for years to come.



Background

Former Tractebel Gas Engineering CEO, gas engineering industry veteran Mr .Vladimir Puklavec decided to create Gasfin SA in 2005, with an objective to develop a multidisciplinary business group and increase the footprint in prospective sectors.



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What We Do

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LNG Services



Production & Storages

Gasfin provides development and optimized custom-tailored solutions for continental, coastal and marine LNG projects.

Starting from liquefaction and cryogenic storages to regasification at market destination. Both onshore and offshore solutions, depending on geography and availability of sites.



Logistics

A major component of natural gas economics is a mid-stream sector, determined chiefly by logistics objectives and constraints.

Key logistics components are regional and inter-state pipeline systems, LNG sea and road tankers, multimodal cryogenic containers, storages, import/export terminals and hubs.



Distribution

New horizons opened for small-scale applications of LNG in short range local fuels supply and distribution services or fuel replacements for fleet vehicles and vessels, liquefaction of methane from various sources like associated petroleum gases, landfill and biomass gases.

Green Energy



Additional to the described LNG services above, there is the actual green energy transition with its need for energy storage, logistics and distribution of green hydrogen via green ammonia and methanol. Gasfin delivers the development, the design, the location and the execution of green energy projects.

Ammonia

Ammonia is a well-known medium from the fertilizer and petrochemical industry with its technical and commercial feasible production, storage and trading. The infrastructure is existing and can be the kick starter for the hydrogen economy.

Ammonia has more energy density than liquid hydrogen and can be easily stored and transported under atmospheric conditions. Green ammonia can be produced in countries under usage of green power, like wind, solar, water powered economies.

Hydrogen

Hydrogen is a clean fuel that, when consumed in a fuel cell, produces only water. Hydrogen can be produced from a variety of domestic resources, such as natural gas, nuclear power, biomass, and renewable power like solar and wind. These qualities make it an attractive fuel option for transportation and electricity generation applications. It can be used in cars, in houses, for portable power, and in many more applications.

The priority of the EU is to develop renewable hydrogen for the energy sector. Hydrogen shall reduce the dependence on imported fossil fuels and through solar, wind and water energy resources will support the green energy sector.

Future Oriented Development

Gasfin Group develops multiple projects in areas related to methane, propane and ethane-ethylene but its major focus lies on the development of the green energy and waste sector as the green future development company on the Island of Krk, Croatia.

The green energy transition is based on a strong push to green ammonia and green hydrogen and the Gasfin Group is planning to be a strong part of the storage and distribution of these green energy solutions. Polymers production project considers addition of used plastics recycling and clean power generation via solar power plant, what is currently in development for Gasfin's prime industrial location in Omisalj, Croatia.

Circular economy, driven by necessity to eliminate wasted plastics gradually becomes a standard in the polymers industry. Jointly with scientific institutions and technology providers Gasfin works in direction to secure optimal solutions for the future.



What We Did

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DEVELOPER



Omisalj Industrial Park

Industrial zone in Omisalj, island Krk is prime location for development of sustainable projects with a deep sea access and developed infrastructure.

EXECUTOR



Project Bonnie, Martinique and Guadeloupe

Gasfin was contracted by Électricité de France SA to provide a mid-scale LNG infrastructure solution for the French Caribbean islands of Martinique and Guadeloupe. The LNG is intended to be used in the new 200MW power plants on each island.

OPERATOR



LNG Refuelling Station

In the LNG distribution chain, our refueling station in Padua, Italy was the first LNG only station in one of the European key markets.

References



LNG Refuelling Station

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Omisaalj Industrial Park

Adria Polymers industrial area.



Project Bonnie, Martinique and Guadeloupe

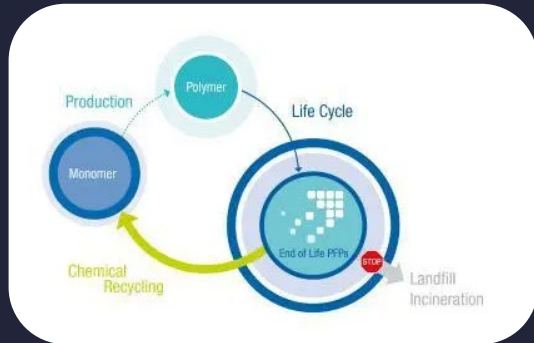
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Industrial Park

Industrial zone in Omisaalj, island Krk is prime location for development of sustainable projects with a deep sea access and developed infrastructure.

References



Plastics Recycling

Used plastic is not considered waste anymore, specially with upcoming chemical recycling technologies.

Polymers Production

Part of Adria Polymers production facilities.

Tema LNG Terminal, Ghana

Gasfin's 28,000m³ FRU works in conjunction with an upgraded 127,500m³ LNG Carrier, to deliver 250 mmscfd natural gas, as well as facilities to bunker, reload or break bulk LNG.

Caribbean LNG, Trinidad and Tobago

The project received all permits required for immediate construction of a 500,000 to 1,000,000 tonne LNG export plant.

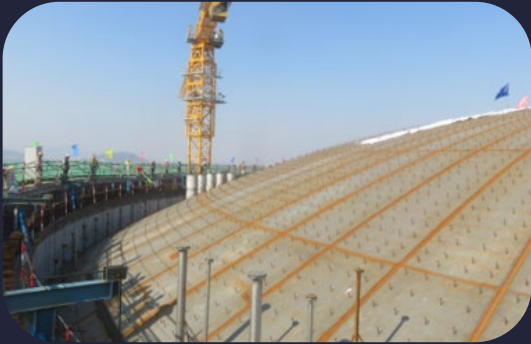


What Our Companies Did

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References



LNG Terminal Zhoushan

- EPC contract
- 2 x 160,000 m³ tanks
- Full containment tanks
- 6 MTPA terminal capacity



Ammonia Terminal Izmit

- EP+CS contract
- 1 x 25,000 mt tank
- Full containment tank (steel/steel)
- Ship loading / unloading system



Ethylene Terminal Mailiao

- EPC contract
- 2 x 80,000 m³ tanks
- Full containment tanks
- Process facilities for BOG re-liquefaction and send-out evaporation for ethylene



Ethane / Propane Terminal Taixing

- EP+CS contract
- 3 x 160,000 m³ tanks
- Full containment tanks (steel/concrete)
- Ship unloading / loading system
- Propane / ethane liquefaction systems

References



Gasfin FRU

- Newbuild regasification + low-cost existing LNGC to act as storage.
- Combined with FSU or standalone. as mid-scale FSRU or market access.
- Regasification from 0.2 to 3.0 mtpa.
- Implementation in < 24 months, designs ready, large yard selection.
- FRUs can support midscale operation up to large scale demand gasification from 0.2 to 3.0 mtpa.



Ethylene Terminal Ningbo

- Maximising the benefits of existing LNGCs as a platform for upgrades.
- In-house engineering and owner furnished equipment supply.
- Thought through upgrades to improve overall efficiency.
- LNG storage has long life, we match that of hull and machinery.
- Ensuring optimised integration with FRU for overall terminal.



Ethylene Terminal Mailiao

- LNG Storage from 5,000 – 40,000m³.
- Send out from 5 to 75 mmscf/day.
- Based on proven technology
- Options for floating and onshore location.
- Bulk, bunkering and truck loading service in one terminal.
- Regas options for sea water, air or waste heat.



Butadiene / Propylene Terminal Antwerp

- Modularised liquefaction for production costs equal to large plants.
- We use proven design and partners, led by TGE.
- Integration into supply chain
- We provide the ability to tie into world LNG trade or supply a dedicated mid-scale supply solution.
- Based on existing design for onshore and floating.



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