

65
1929
2024

comunicazione.goldringroup.it

**A passion for gas,
energy for living.**

goldrin
GROUP
GAS network / Services / Systems



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Since 1959, an intense
family history,
an exciting
business story.

In the beating heart of northern Italy, in Padua, a small company was founded in 1959 with one big ambition: to revolutionise the way gas is handled.

Emanuele, the founder, personally delivered **gas cylinders** to homes, entered people's houses, listened to families' needs, becoming a key figure in the sweeping changes of Italy's economic boom. Step by step the company has evolved, specialising in the **manufacture of plants, components and support in the gas technology field**, making it an increasingly important player in this sector. Today, more than 60 years later, **Boldrin Group is an international leader**, recognised for its commitment to innovation, quality and safety in a complex environment with new energy scenarios: profound transformations that challenge us every day to improve and make ourselves useful, **putting our great passion – gas – at the service of all.**



Emanuele Boldrin's values still guide our company today, as it continues to shape the future of the energy sector with a far-sighted vision.



We think forward because we look far back.

1959

Building on his experience in gas cylinder transportation, Emanuele Boldrin sets up the company Boldrin, focusing mainly on product development and support for the LPG sector.

1985

The second generation of the family transforms the business into a limited liability company: Boldrin is now also active on foreign markets.

1997

YAO s.r.l. is founded, a new company dedicated to gas regulation, measurement, control and safety. It also strengthens its partnership with RegO[®] and Rochester Sensor, and extends its technological offering to industrial gases such as ammonia, nitrogen, oxygen, hydrogen and more.

1970

In just a decade, Boldrin expands its business by supplying major LPG retailers and distributors throughout Italy.

1990

After three decades of success in the LPG sector, Boldrin begins exploring the natural gas and alternative energy sectors. Technological innovations follow, including improvements to logistics and customer service.

2009

Thanks to the experience and knowledge gained, Boldrin celebrates its first 50 years in business, now operating well beyond Italy's borders, in more than 40 countries worldwide.

2012

NRQ Tech s.r.l. is founded, specialising in gas leak detection sensors, offering technical support and innovative products in line with current regulations.

2023

Boldrin signs new commercial agreements with the Dover Group, a leading LFO transportation company, and with Ebaray, a leader in the design and production of regenerative turbine and positive displacement pump technologies.

Looking to the future

After collaborating with the most important marketplaces worldwide, the Boldrin Group launches its e-commerce platform, offering thousands of ready products with real-time sales.

2016

Expansion continues. TAG s.r.l. acquires CAM s.r.l., a company with over 80 years' experience in large-scale gas mixing plants.

NRQ takes an important step by becoming an innovative SME, part of an important core group of companies contributing to the development of the country. These companies are the second evolutionary stage of innovative start-ups: businesses ready for consolidated growth.

2024



Boldrin Group.
Innovating
and securing
gas safety through
diversification.

What is the energy of the present and what is the energy of the future?

There is no single answer because **evolution is constant** and we must **master the tools in order not to fall behind**. Our approach is based on an in-depth knowledge of fuel and industrial gases, and the ability to **work alongside customers** to support their growth and **adapt to the market**. With a multi-brand strategy, we cover all areas of the industry. **Boldrin Gas Technologies, TAG, NRG Tech, CAM and Seismic Device** are the five pillars of our Group, each specialising in one aspect of gas. **We are present wherever there is gas**, with passion, responsibility and competence.



GAS equipment / Solution / Systems



Boldrin Gas Technologies

Created out of a family tradition steeped in "gas culture" for three generations, Boldrin Gas Technologies is the long-standing brand with entrepreneurial flair from which the entire Boldrin Group has grown. Since the late 1950s, our service has been the benchmark for customers seeking competence, fast response and turnkey solutions. The experience we have gained as the first provider us, with the insight to anticipate market trends and establish, over time, the specialised companies that today make up the Group. From the civil to the industrial sector, each project comes with it the legacy of a family that has transformed a passion for gas into a steadily recognised entrepreneurial will, a mind synchronised with reliability, thorough and comprehensive service.



TAG. Applied Gas Technologies

TAG focuses on engineering, research and development to drive gas technology beyond current standards. **We design regulating, vaporising, measuring and filtering solutions for all fuel gases**, combining engineering precision and ongoing experimentation. Each system stems from rigorous R&D: we analyse process parameters, select high-performance materials and integrate advanced digital controls to ensure energy efficiency, operational safety and reduced emissions. The result is a **multitude range of technologies that anticipate market needs** and fit perfectly into the sustainability models of modern industry. With TAG, the gas management becomes a reliable, measurable and future-oriented process.



NRG TECH

NRG Tech conceives, designs and engineers high-tech systems that **optimise energy consumption** and raise infrastructure safety levels. Our Research & Development department integrates state-of-the-art sensors, proprietary software and predictive modelling algorithms.



Seismic Device

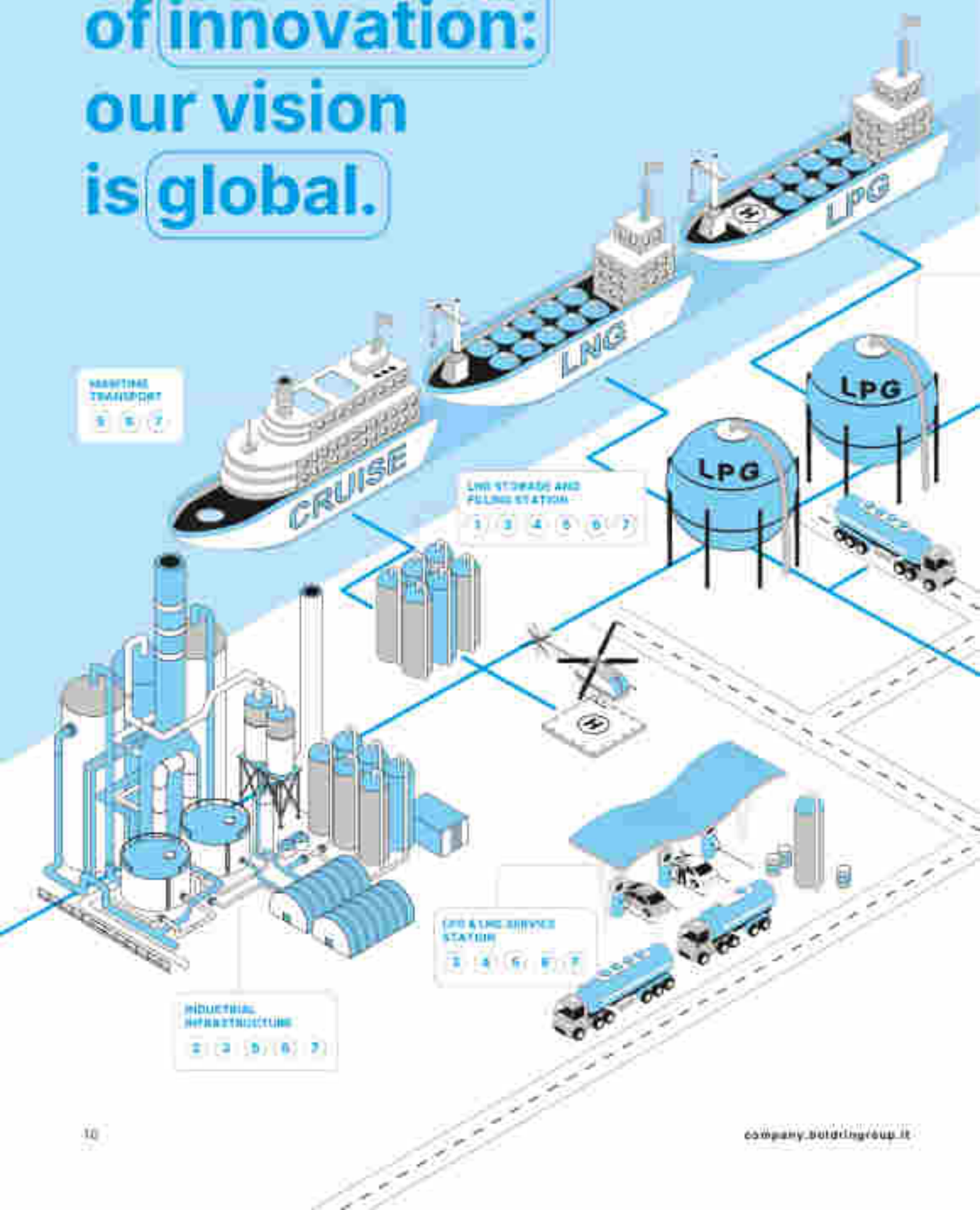
Seismic Device, the seismic safety sensor brand, offers solutions for the **production and safe operation of infrastructures** connected with the Boldrin Group's mission: to create 360° solutions for gas management, with no risk to people and the environment.



CAM

CAM produces specific gas components for industrial applications. Its products are designed to ensure not only efficiency, but also **maximum safety** in handling and transport operations.

An ecosystem of innovation: our vision is global.

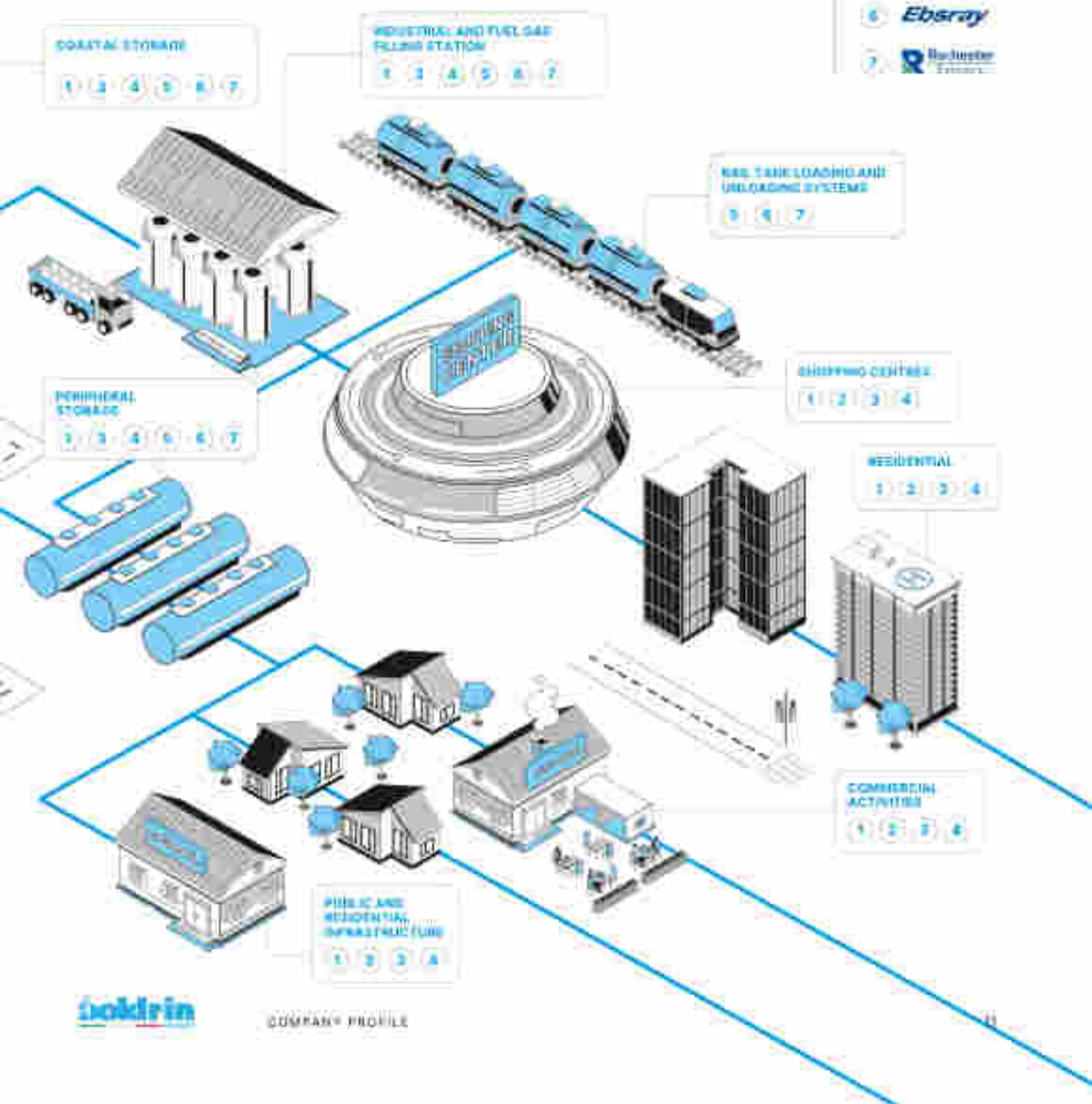


From petroleum to renewables, we span the entire energy horizon.

Boldrin Group is an experienced technology partner, capable of meeting the needs of different sectors: transport, industry, medical and residential technology. Our mission is to turn complexity into simplicity, offering cutting-edge, safe and certified solutions for every gas application. Expertise that knows no boundaries and thanks to which we are always ready to explore new frontiers.

KEY

- 1 **boldrin**
- 2 **VAG**
- 3 **ING**
- 4 **ENERGIE**
- 5 **REED**
- 6 **Ebsray**
- 7 **Radco**



We explain the secrets of invisible energy.



Toxic gases

These are **dangerous substances** and their **effects are highly harmful to humans and the environment**. Among the best-known are carbon monoxide (CO), carbon dioxide, hydrogen sulphide and others that are colourless and odourless and are difficult to detect without appropriate instruments, which **our group is able to propose as solutions**.



Flammable gases

Flammable gases such as methane and propane **burn easily in the presence of an ignition trigger** with potentially devastating consequences in the event of an explosion or fire. The Boldrin Group offers all kinds of safety products and technology **to detect and stop gas leaks** so that these substances can be used without risk in both civil and industrial installations.



Industrial gases

They come mainly from fossil fuels and **have a negative impact on air quality**, producing nitrogen oxide and fine particles, for example. A competent partner like the Boldrin Group makes it possible to choose and **adopt solutions to reduce emissions of these pollutants**.



Green fuel

With over sixty years' experience in the field, the Boldrin Group brings all its know-how into play to transform the energy of the future into concrete solutions. From **biogas** to **biomethane**, from **bioLPG** to **LNG** to the new applications of **hydrogen**, the Group ploughs the full range of its engineering, process and automation skills into every project.

Starting with the valorisation of organic waste and biomass, **we design and implement highly efficient technologies and solutions**, integrating state-of-the-art upgrading systems, proprietary automation and customised projects. The result is a **production cycle that is safe, reliable and perfectly in line with circular economy models**, capable of ensuring maximum environmental and operational sustainability.

Every molecule, every plant engineering detail, every stage of operation **benefits from cross-disciplinary experience in green fuels**, because for us innovation is not a goal but an everyday skill.

Gases are the invisible infrastructure that powers the world, and the Boldrin Group has been skilfully controlling them for over sixty years.

From the timeless **LPG** to **methane**, from **biogas** to **biomethane** up to the new frontiers of **hydrogen** via **LNG**, **ENG**, **oxygen**, **nitrogen**, **ammonia** and **countless other gases**: every molecule falls within our spectrum of expertise. Today, we bring the same know-how to new challenges: **water**, an essential element for industry and the ecological transition. **Gas and water: two different resources, one vision of industrial excellence.** With us, fluid science meets the art of innovation, turning every project into **value-added solutions for energy, industry and the environment.**



**Our successes are
grounded in deep and
shared values.**



The guarantee of a brand

The Baldini Group is a **symbol of reliability and quality**. Our extensive experience, combined with certified products and solutions, assures customers that every purchase they make is backed by an unwavering commitment to them.



Made in Italy

We select the best products and technologies resulting from the **all-Italian ability to design and build quality**. Our extensive catalogue expresses the **prestige and tradition of Made in Italy in the energy sector**.



Technological innovation

We are constantly investing in **research and development to integrate the latest technologies into our product catalogue**. This allows us to offer products of **exceptional quality** that make a difference in people's daily lives and in our customers' businesses.



Training

We offer **continuing refresher courses and training** to both our team and our customers, so that everyone is ready to make the best use of their professionalism and our innovative solutions within the scope imposed by industry regulations.



Our values guide us every day towards excellence and enable us to build lasting trust in our relationships with colleagues, customers and partners.



Consulting for specific projects

We offer **consultancy for custom projects** and support customers wishing to create **tailor-made installations and gas solutions**. We understand their needs and assist them throughout the process to find the most appropriate solutions.



Assistance and technical support by phone

Our telephone customer service quickly handles every request: **customers can always count on our support and efficiency**.



Quality and safety

Every product distributed by our Group is sourced from the most reliable companies, which use state-of-the-art technology and materials that are **certified, solid and compliant with all quality and safety regulations**. We thus guarantee maximum reliability and durability.

Maps of innovation: Boldrin Group around the world.

Albania
Argentina
Australia
Bosnia and Herzegovina
Brazil
Bulgaria
Chile
China
Croatia
Cyprus
Denmark
Dominican Republic
Ecuador
Egypt
Estonia
Finland
France
Ghana
Greece
Hungary
India
Indonesia
Israel
Kenya
Latvia
Lebanon
Libya
Lithuania

Malaysia
Malta
Mexico
Namibia
New Zealand
Norway
Oman
Pakistan
Paraguay
Peru
Poland
Portugal
Qatar
Romania
Saudi Arabia
Serbia and Montenegro
Singapore
Slovenia
Spain
South Africa
Sweden
Switzerland
Thailand
The Netherlands
Tunisia
United Arab Emirates
United Kingdom
Vietnam



The Boldrin Group is a **global network** that crosses continents and uses technological expertise as a **universal language to talk about energy** with people all over the world. In more than six decades, we have expanded and branched out from Europe to Asia, from Latin America to the Middle East. We design **gas infrastructure, optimise distribution networks, and develop energy solutions tailored** to the needs of each region, without ever compromising on quality and sustainability. Wherever you are in the world, we offer the same values: research and development, safety and efficiency.

**+50**Countries
served**+13.000**

Customers

+1,500Completed
projects**65**Years of
experience

A blue-tinted photograph of an industrial gas processing plant. In the foreground, two workers wearing white hard hats and high-visibility vests are seen from behind, looking towards the complex machinery. The background features tall distillation columns, a network of pipes, and structural steel frameworks under a clear sky.

**Innovation
and safety:
TAG and NRG TECH
are shaping the future
of gas.**

Using gas requires increasingly sophisticated and specialised solutions because it is a special substance that must be handled skilfully.



In addition to its own success story, the Boldrin Group includes two safety and prevention specialists: **TAO** and **NRG Tech**, true engines of the group's innovation. TAO, founded in 1997, is a benchmark in the **design and production of state-of-the-art systems for gas regulation, vaporisation, measurement, control and safety**. Its technical expertise is expressed in innovative solutions that set new standards in the industry.

NRG Tech embodies the group's most pioneering vision. Its focus is the development of integrated technologies for **interception and detection of gas leaks**, coupled with advanced systems for the prevention of risks related to **seismic, hydrogeological and landslide events**. Close collaboration with **Universities and Research Institutes** strengthens the Boldrin Group's standing as the **leader in innovation and R&D**. This philosophy, which places research as the foundation of development, allows the group to lead the gas sector towards increasingly complex and ambitious scenarios and to always be there where the customer needs certainty.



Advanced solutions for gas regulation, measurement and safety.



SUPPORT

We offer **dedicated technical support** to respond promptly to customer requirements. Our experts solve technical problems, provide on-site support and ensure operations are back up and running as soon as possible. The support we provide also includes **advice on safety regulations and best practice**, essential to ensure efficiency and compliance with industry standards.



ENGINEERING

We have a **customised approach to plant design**. We work with customers to develop **tailor-made solutions** using advanced simulation and modelling software to optimise efficiency and safety from the outset.



DATA MANAGEMENT

We provide solutions for plant data management and analysis, with **advanced performance monitoring tools**. These tools help customers to **optimise processes, reduce operating costs and improve sustainability**. All this opens the way for smarter, strategic decisions and increasingly efficient operations.



PLANT INSPECTION

We provide a **plant inspection service** by qualified technicians to provide timely, factual data. By providing **detailed reports and practical recommendations**, we help customers to **maintain high standards of safety and compliance**, in line with current regulations.

Boldrin Group offers a full range of services designed to ensure the efficiency, safety and sustainability of gas installations, extending their lifespan as far as possible. Our technical support is available to assist customers at every stage, quickly resolving any critical issues and providing specialist advice.



PLANT MAINTENANCE

Our scheduled and extraordinary maintenance plans are customised according to customer requirements. **Regular checks and timely intervention** ensure maximum equipment operability and extended lifespan.



TRAINING

We offer **specific staff training courses** covering both technical and regulatory aspects. Our programmes update skills and knowledge, ensuring that participants are **ready to operate plants** safely and efficiently.



**We support
excellence
to ensure
sustainability.**

There is no single source of energy, but we only have one Planet.

The energy transition is at the centre of the global agenda and for the Bolidrin Group it represents both a **challenge and an opportunity for innovation and growth**. We believe that the future must balance **leading-edge research, technological development and experimentation with solutions such as hydrogen** as well as the initiatives of our most important technology partners in the European renewable energy programme. Our experience in the gas sector, combined with the increasing governmental push for sustainability, drives us towards **solutions that integrate cleaner technologies into existing gas infrastructure**.



Efficiency engineering

Using innovative engineering solutions, **we design plants that minimise waste and optimise performance**. We use pioneering technologies to monitor and analyse energy consumption, helping our customers to implement practices that improve efficiency and reduce greenhouse gas emissions.



Cutting emissions

Our maintenance and inspection services **ensure the optimal operation of plants**, minimising gas leaks and harmful emissions. A cleaner, healthier environment stems from precise monitoring programmes and our unrivalled expertise in the field.



Training in awareness

There is one "intangible" product that is perhaps the most important of all: training. Our training courses educate staff and customers on the importance of sustainable practices. Within our team, **we promote a corporate culture that values the responsible use of resources and compliance with environmental regulations**.



Innovating for the good of the Earth

We continually invest in **research and development to find new solutions that improve efficiency and reduce environmental impact**. From the design of new, more sustainable gas plants to the creation of advanced monitoring systems, our aim is to always be at the forefront of the industry and help our customers with their complex needs.

Legality rating



Bolidrin Group companies are distinguished by their high **legality rating**, a recognition by the Italian Competition and Market Authority (AGCM). This rating is assigned to companies that operate according to the **highest standards of transparency, fairness and social responsibility**.



**Our brands,
your strength.**



**Boldrin gas technologies:
the science and art of
invisible matter.**

There is an Italian heart beating to the rhythm of global innovation.

Boldrin Gas Technologies is a true **technology partner** that, thanks to its vertical specialisation, has written a success story, from the first gas applications in the 1950s to the **modern challenges of the energy transition**. Our catalogue is also available for online purchases and features our **full range of gas technologies**. Boldrin quality is expressed through **international certifications and rigorous standards**, but above all through the trust of thousands of customers around the world who choose us as their business partner every day.

A world of products including:

- Pressure reducers and regulators
- Stabilisers
- Filtration systems
- Precision gas and biogas meters
- Solenoid valves
- Gas leak detectors
- High-precision pressure switches
- Atex certified equipment
- Spare parts and accessories for industrial burners



Control, efficiency, reliability: the Dover answer for every industrial fluid.

Dover Corporation operates in the gas sector through its Clean Energy & Fueling segment, and, in part, through Pumps & Process Solutions. **The company develops technologies for the safe refilling and handling of gases** such as LPG, LNG and other gases, as well as pumping and monitoring solutions for industrial applications related to industrial and renewable gases.



High-performance industrial pumps

Diaphragm, volumetric, centrifugal and lobe pumps designed for the **safe and precise handling of fluids and gases in highly critical sectors**.

Complete fluid management systems

Integrated solutions with valves, mechanical seals, sensors and controls to ensure **efficiency and compliance along the entire process line**.

Gas handling and transfer technologies

Components and systems for transporting LPG, LNG, industrial gases and biogas, with applications ranging from refilling to industrial production.

Process automation and digitisation

Smart solutions for real-time monitoring, flow regulation and consumption optimisation, as part of Industry 4.0.



Solutions.

Every solution we design is backed by **over 60 years' experience in the industry** and built for the challenges of the future. We offer a huge variety of installed solutions in regulation plants, interception in industrial and flammable gas environments with a proven track record in safety and compliance that fully demonstrates our capabilities.



OPW, part of the Döwer Group, is a global benchmark for advanced solutions in handling and managing LPG, LNG and alternative fuels. Its RegO® components ensure maximum safety, high performance and durability even under critical conditions. The main applications include:

- **LPG storage and distribution plants**
- **Gas and alternative fuel distribution networks**
- **Cryogenic and LNG tanks**

With an innovation- and safety-oriented approach, OPW contributes to raising global standards of efficiency and sustainability in the energy, mobility and industry sectors.



Ebsray, a PSG Döwer Group company, designs and manufactures high-performance pumps for the gas and liquid fuel industry. With over 25 years' experience, Ebsray is synonymous with innovation and reliability in the handling of fluids in complex environments. The pumps are ideal for:

- **LPG distribution and refilling systems**
- **Cryogenic plants and LNG applications**
- **Transfer of industrial and special fluids**

The range includes vane, screw and impeller pumps designed for energy efficiency, quiet operation and long life, even under severe operating conditions.



Honeywell Process Solutions: the future of gas energy is already here.

Thanks to **integrated control, safety and digitisation solutions**, Honeywell supports every stage of the gas supply chain: from extraction to liquefaction, transport to storage. Its smart systems make it possible to monitor flows in real time, prevent critical situations and optimise operational performance, cutting costs and environmental impact. **A concrete response to the needs of the modern energy industry.**

Honeywell

Measuring and metering gas consumption

Honeywell Dister offers a **wide range of gas measurement devices** designed to ensure accuracy, reliability and performance over time. Among the solutions available in our catalogue are volumetric meters, rotary meters, and turbine meters, ideal for efficient and safe management of gas flows in the distribution network.

Regulators and safety accessories

To meet the needs of the natural gas industry, Honeywell offers a **wide range of pressure regulation devices, safety instruments and dedicated accessories**. The solutions are designed to cover the entire supply chain, from transmission to distribution, offering maximum protection and control in different installations.



The global leader in commercial and industrial thermal process solutions.

With the diverse world of Honeywell, we help customers to **maximise the productivity and efficiency of their thermal processes by providing safer, more reliable and energy-efficient solutions** for businesses and heavy industry. With a comprehensive portfolio of solutions based on Honeywell technologies, the Boldrin Group helps to ensure maximum productivity and operational continuity while reducing installation and maintenance costs. The outcome is guaranteed by proven experience in high-performance applications.

Gas monitoring

Honeywell offers reliable measurement solutions in gas transmission, suitable for both fiscal and non-fiscal applications.

The product range includes advanced gas analysis and volume conversion devices, ensuring accuracy, regulatory compliance and operational continuity along major transportation networks.

Our range of flagship products includes **electronic flow computers with integrated data loggers**, compatible with pressure and temperature sensors certified for hazardous environments. Volume correctors and pressure and temperature monitoring systems, ideal for commercial and industrial installations, complete the offer.





**Engineering
the present,
energizing
the future.**

TAG, which specialises in handling natural gas, LPG, SNG, LNG, ammonia and cryogenic gases, offers a comprehensive range of solutions:

- Initial methane gas reduction plants
- Final reduction groups
- Burner feed ramps
- Filtration and measuring plants
- LPG storage facilities
- SNG air-propane mixing plants
- Automotive plants
- LPG and ammonia vaporisers
- PED filters for fuel gases

Our technical division uses state-of-the-art design software to develop custom solutions according to specific customer requirements, ensuring full regulatory compliance. **We offer both revamping and complete turnkey installations** in compliance with the strictest international standards.

Prefabricated LPG Storage Systems

TAG produces **prefabricated solutions** which include piping systems and plant components such as vaporisation, regulation and measuring units. These systems, **designed and manufactured at our factories according to UNI-EN standards**, are rapidly installed and **CE marked in accordance with PED and ATEX directives**.



TAG is certified in accordance with **UNI EN ISO 9001:2015** and **Pressure Equipment Directive 2014/68/EU - Mod. H** and operates on the major international markets: **Middle East, America, Asia, Africa, Europe** and emerging markets. TAG is also the exclusive distributor for Italy of the **Rego®** and **Rochestei®** brands, US companies with almost a century of experience in cryogenic industry applications, special gases and gas transport and storage technologies.



The right mix of technology and experience.

Since 1855, CAM has been a leader in the **design, production and installation of gas mixing plants for the industrial sector and distribution companies**. In 2012, it became a Bolidin Group brand. CAM systems are based on advanced fluid dynamic principles and ensure the safe and efficient supply of interchangeable gases to distribution networks, offering significant advantages over the use of a single energy source.



In particular, the possibility of using interchangeable gas mixtures makes it possible to:

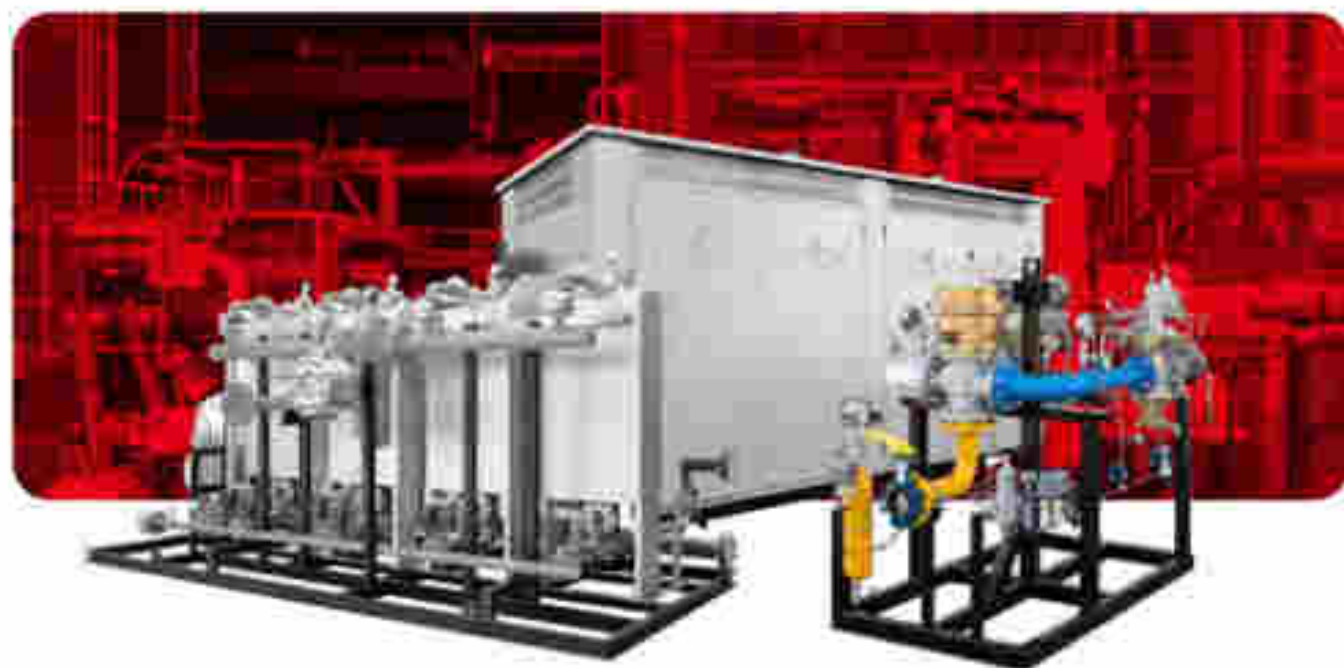
- Reduce strategic dependence on individual energy suppliers
- Increase bargaining power
- Optimise peak consumption management
- Ensure continuity of supply

A concrete example is the distribution of SNG (synthetic natural gas), a calibrated mixture of LPG and air with the same Wobbe index as natural gas.

With more than 500 units installed globally, CAM also has consolidated experience in mixing industrial process gas with LPG or natural gas, offering custom solutions for any specific requirement.

This solution makes it possible to:

- Serve areas not reached by the natural gas network
- Diversify sources of supply
- Manage peak demand effectively
- Improve operational efficiency and safety compared to traditional LPG



TAG distributes exclusively for Italy.

RegO® and Rochester® Gauges are two leading IGF brands in **applications for the cryogenic industry, special gases and gas storage and transport technologies**. TAG is their exclusive distributor for Italy.



RegO® is a well-known brand manufacturing valves, regulators, adapters, connectors and accessories for liquefied petroleum gas (LPG), liquefied natural gas (LNG) and other industrial gases. RegO® products are used in a wide range of applications, including:

- Storage facilities
- Gas distribution networks
- Cryogenic tanks
- Gas-powered automotive systems

RegO® components are prized for their long life, safety and high performance. The valves and regulators are designed to ensure a constant and safe flow of gas, even under extreme conditions.



Rochester® Gauges specialises in the production of level indicators for gas and liquid tanks. These are essential tools for accurately and reliably monitoring gas levels in tanks. Using them improves resource storage, container management and operational safety. The main applications of Rochester® products include:

- LPG tanks
- LNG tanks
- Cryogenic tanks
- Vehicles for transporting gas by road and rail





Safety
is based
on **control.**



NRG Tech is an established brand in the field of gas safety and control, known for its technological excellence and innovation in gas management systems, essential for the efficient operation of industrial plants and gas distribution networks.

NRG is committed to **research and development** to continually improve its products and services and invests in innovative technologies to anticipate market demands and provide **next-generation solutions**.

NRG Tech products are designed for a variety of sectors, including:

- ✦ Petrochemical industry
- ✦ Natural gas and LPG distribution
- ✦ Energy sector
- ✦ Gas storage and transport facilities
- ✦ Cryogenic applications

PRODUCTS AND SOLUTIONS

Monitoring systems

Designed to provide accurate and reliable data on the safety and status of installations. These tools include interaction with toxic, harmful and flammable gas, interlock and shutoff devices as well as remote alert systems.

360° solutions for gas safety

NRG Tech complements the Baldin Group's offering by providing cutting-edge solutions for the safety and use of industrial and flammable gases.

Control systems

They can be integrated with advanced automation technologies to ensure that gas handling processes are safe, efficient and compliant with current regulations. They can be combined with control valves, actuators and supervisory systems allowing precise and dynamic management of the gas flow.





Gas leak detectors: cutting-edge technology and safety.

NRG Tech is a leader in **gas leak detection**, both in industrial and commercial installations. Our systems combine **innovative technologies and reliability**, ensuring maximum protection of **people and infrastructure**. NRG Tech technologies represent the gold standard for safety in the gas sector, offering **comprehensive and customised solutions** for every need.

Advantages of our sensors

- ✓ **Multi-gas detection:** flammable, toxic, harmful to humans and the environment.
- ✓ **Integration:** easy integration with existing systems.

Civil installations

- ✓ **Commercial, residential and accommodation facilities:** effective accident prevention.

Industrial installations

- ✓ **Use:** gas handling and distribution plants, chemical and petrochemical industries, automotive gas filling stations, fuel depots etc.



Science applied to disaster prevention.

Seismic Device is a division of NRG Tech founded in 2012 with the aim of addressing the complex world of seismic safety. In the gas sector, seismic detection devices are valuable allies in making operations safe and protecting civil and industrial infrastructure and production activities. These advanced technologies detect and measure ground vibrations caused by earthquakes or tremors. **Through continuous monitoring, they make it possible to prepare in advance for events that could undermine the safety of natural gas, LPG and other gas installations.** They are increasingly used to monitor the stability of gas extraction, storage and distribution facilities, minimising the risk of leaks and thus preventing significant damage.



High-precision sensors

The MEMS (micro-electromechanical systems) technology used allows seismic waves to be accurately detected. These sensors are specifically designed to detect the safety conditions of toxic, harmful and flammable gas distribution systems.

Data logging

They store information on ground vibrations, allowing detailed pre- and post-event analysis for possible preventive and predictive analyses on infrastructure deemed to be at risk of major incidents.

Real-time alarms

They trigger immediate alarms in the event of an earthquake being detected, allowing automatic shutdown of operations and closure of gate valves connected to gas distribution systems, thus preventing further disasters.

Integration with safety systems

They integrate with existing safety and control systems, automating responses such as stopping industrial operations and protecting people.



Boldrin Group and its partners: quality energy for the future.

Honeywell

HONEYWELL®

Honeywell is a multinational company offering advanced technology solutions for construction, safety, productivity and sustainable energy. With over a century of innovation, it supports global companies in digital transformation and energy efficiency, promoting a sustainable future.

Rochester Sensors

ROCHESTER®

Rochester Gauges, LLC, with headquarters in Dallas and facilities in Mexico, Belgium and China, is a global leader in water level sensors and indicators for various sectors, including automotive, aeronautical and industry. Founded in 1913, the company offers an advanced range of level and safety control solutions, backed by more than a century of innovation.

At the Boldrin Group, we believe **innovation and quality** are the driving force for building a sustainable and reliable future in the energy sector. This is why **we work alongside partners of excellence** who share our values and vision. Thanks to these strategic partnerships, we are able to **offer state-of-the-art solutions** that are highly customised and geared to the specific needs of our customers in both the civil and industrial sectors.



DOVER®

Dover Fueling Solutions offers **innovative solutions for the fuel and service station industry**. It supports the **transition to alternative energies** and digitisation of global operations.



EBSRAY®

As part of the Dover Group, a leading manufacturer of pumps for liquefied gases and industrial applications, EBSRAY extends our offer with advanced and reliable technologies. Thanks to its experience, it guarantees **efficient and safe solutions to meet the most complex requirements**, ensuring high performance and long life in a wide range of applications.



REGO®

Specialising in gas valves and regulators, our partner actively supports our mission to ensure **maximum safety and efficiency in every application**. Leader in alternative fuel solutions and technologies for LPG, LNG and NGS, it offers high quality products compatible with alternatives such as Bio LPG, ammonia and other gases, guaranteeing efficiency and technical support.



QAS equipment / Solution / System

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