

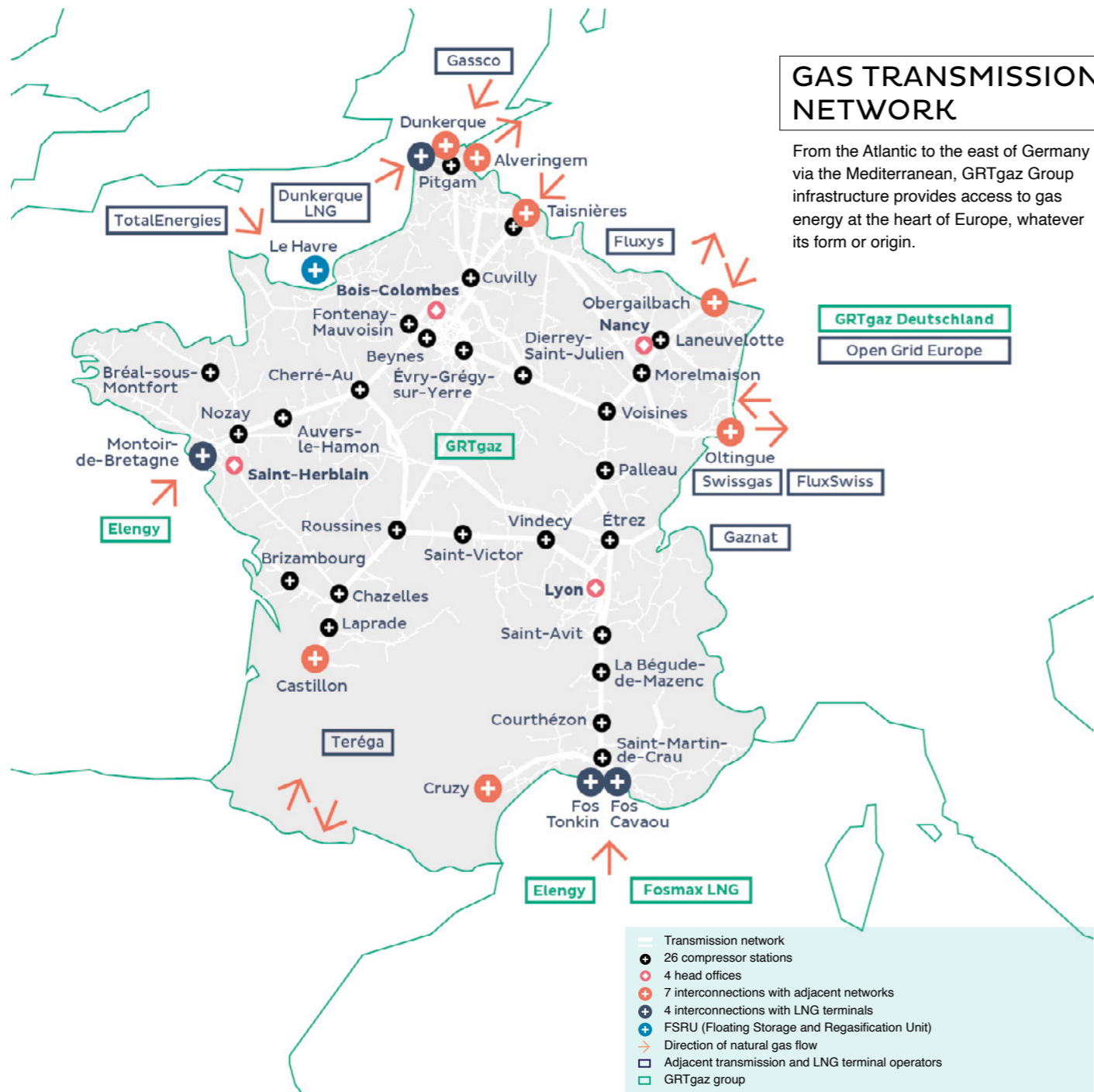


# OVERVIEW



**2024**





OUR CORPORATE PURPOSE

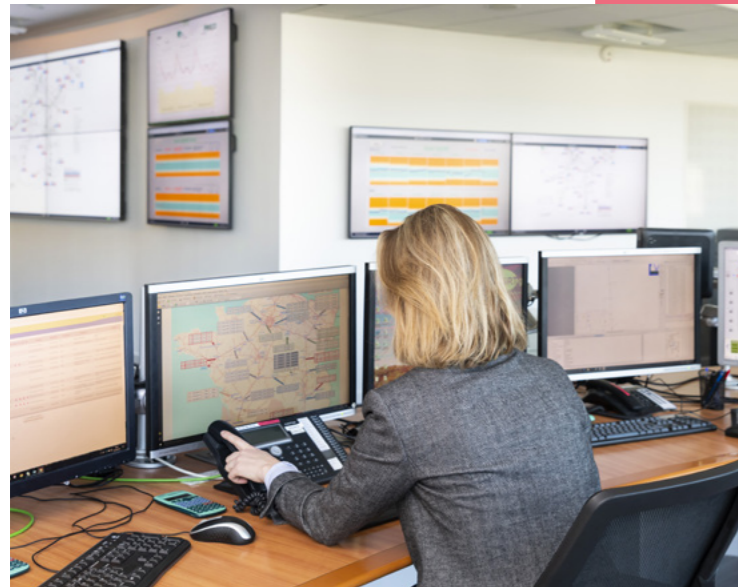


**Together, enable an energy future that is secure, affordable and climate-neutral**

**Our primary mission is to guarantee the safety and performance of the French gas system.** As a socially responsible player, we take tangible action in favour of the environmental transition. We support the emergence of the French renewable gas and low-carbon hydrogen industries. By doing so, we open up new areas of responsibility. Our activities aim to contribute to France's goal of carbon neutrality by 2050. We aim to make our corporate purpose the subject of all dialogue and mobilise all possible initiatives in the service of future generations, combining performance and sustainable development.

# Serving the public interest

Acting for the common good is a core aspect of our public service missions. We organise gas flows and trade to maintain a daily balanced energy system across the country and its territories.



“Our national dispatching service controls gas flows 24 hours a day, 7 days a week.”

## We ensure that gas is delivered throughout France

We manage a high-pressure pipeline network stretching over 32,500 km. It is connected to the Norwegian, Belgian, German, Italian (via Switzerland), and Spanish (via the Teréga network) transmission networks, to 14 underground storage sites, four methane terminals and one floating methane terminal (FSRU) on the French coast, and to the low-pressure distributor networks. We supply close to 700 industrial customers including electricity producers, and collect biomethane from over 80 producers. The diversification of our supply sources guarantees that the gas distributed in France is competitive.

## We manage the performance, balance, and continuity of supply

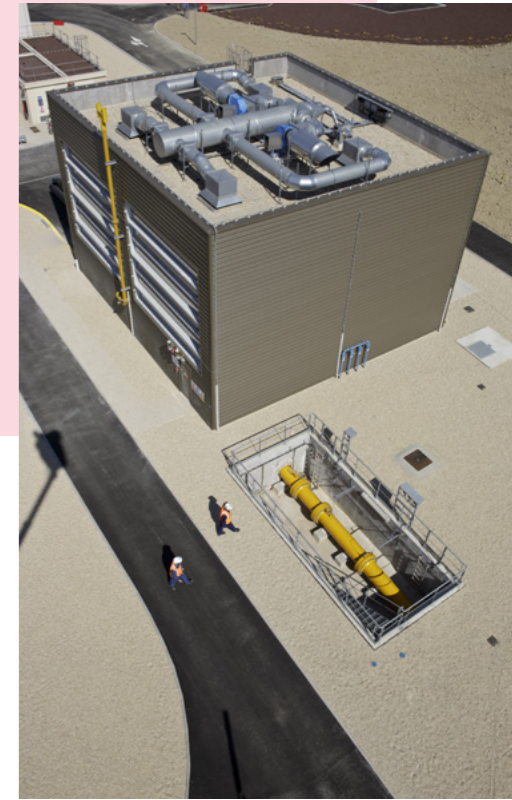
Our national dispatching service controls the gas flows 24 hours a day, 7 days a week. It operates the main transmission system to ensure continuity of supply. Every 150 to 200 km, compressor stations push gas through the pipelines under the best pressure conditions.

# 26

compressor stations equipped with measurement, control, and safety systems

## Industrial safety is our constant concern

Our network is under continuous surveillance, via our regional supervision centres or in the field via foot, vehicle-based, and air patrols (planes, helicopters, drones). The 26 compressor stations are equipped with measurement, control, and safety systems. To prevent the risks associated with earthworks, we mark the route of our pipes with yellow markers and signposts on the surface. We are committed to providing information to local residents and stakeholders concerning our sites and



facilities, reminding them of their obligations to declare work projects\*. Companies that have declared their intention to start work (via a DICT form) are then systematically accompanied on site.

\*To declare your proposed works, go to: [www.reseaux-et-canalisations.gouv.fr](http://www.reseaux-et-canalisations.gouv.fr)

# 693

ACTIVE INDUSTRIAL CUSTOMERS  
IN 2023



**We deliver tailored solutions to each of our customers**

GRTgaz operates transparently within a regulated framework, without discrimination towards our customers. The Energy Regulation Commission (CRE) sets the public use tariffs for networks, supervises our investments and verifies the quality of the service we provide. Our clients are diverse and include energy suppliers or traders, network operators or local distributors supplying industrial or private consumers, industrial operators from all sectors of activity, and finally biomethane producers (mostly from the industrial sector or farmers).



**We are preparing our network to receive new zero-carbon gases**

The GRTgaz network accommodates a rising volume of locally produced biomethane, notably using materials produced by farms. We also support the development of renewable gas processes that can be used to recover other types of solid waste (pyrogasification) or wet waste (hydrothermal gasification). We are also extensively involved in the development of the low-carbon and renewable hydrogen sector in France and are preparing for infrastructure construction.

**Find out more**

**Gas for industry and mobility** at [www.youtube.com](https://www.youtube.com)



**Renewable and low-carbon gas** at [www.grtgaz.com](https://www.grtgaz.com)



**680 TWh**  
of gas transported

**97.3%**  
of customers are satisfied and have a positive impression of GRTgaz\*  
\* Results of 2023 customer satisfaction survey

**11.790 TWh**  
of renewable gas production capacity connected

# Acting responsibly

In line with our corporate purpose, we are aware of the environmental impacts of our business and are committed to reducing the carbon footprint of the entire gas chain to achieve our ambition of carbon neutrality.



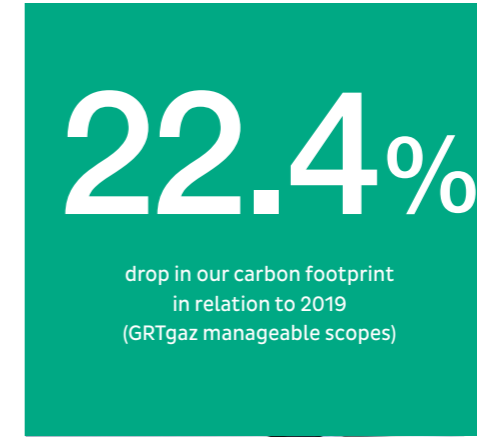
“The path towards carbon neutrality is at the heart of the GRTgaz long-term strategy.”

GRTgaz is committed to energy sobriety in France with the creation of Écogaz. This five-day barometer informs consumers (households, businesses and local authorities) about tensions in the network to encourage moderation and avoid the need for measures to reduce consumption. <https://myecogaz.com/home>

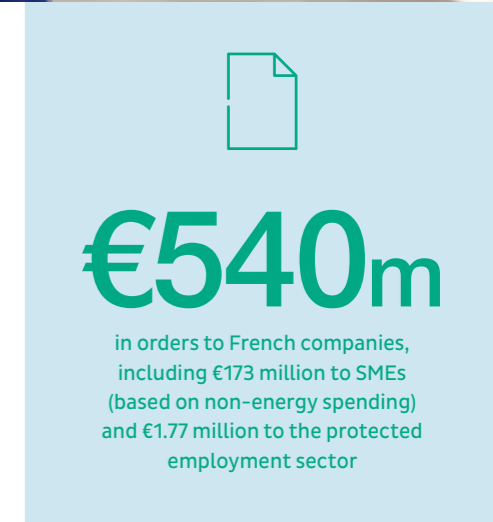


**We integrate corporate social responsibility (CSR) into our activity management**  
Our CAP24 corporate project and our CSR charter set out our commitments to reduce our carbon footprint. We are taking action to further reduce our methane emissions, converting our fleet to bioNGV when eligible vehicles are renewed and recovering the waste generated by our work projects. We have long been committed to protecting biodiversity alongside numerous institutional partners.

**We are committed to maximising the local economic impacts of our activities**  
Our responsible procurement policy resulted in €540 million in orders to French companies in 2023, including €173 million to SMEs (based on non-energy spending) and €1.77 million to the protected employment sector. GRTgaz is a signatory of the responsible supplier relations charter and is committed to respecting payment deadlines, particularly with small companies.



**We aim to fulfil our ambition to be carbon-neutral**  
The path towards carbon neutrality is at the heart of the GRTgaz long-term strategy. We support our customers and local players in achieving their objectives in terms of energy transition, waste management, and clean mobility. Our teams work hard to implement gas solutions generating lower carbon content in their industrial and mobility uses.



# Innovating for the energy transition

The energy transition requires innovation and the mobilisation of an array of initiatives for the benefit of future generations.

We are committed to research, experimentation, digital technology and the transformation of our activities, to make progress on a daily basis and help meet the challenges of our customers, regions, and the planet.



## Find out more

[Injection of syngas by pyrogasification](#) at [www.youtube.com](#)



[Hydrothermal gasification](#) at [www.youtube.com](#)



### We are developing numerous research programmes

Our Research & Innovation Centre for Energy (RICE) is an international player in gas research and innovation. Using leading-edge technical resources, RICE provides tailor-made services and manages programmes that contribute to operational excellence, industrial safety and the emergence of new processes in the fields of renewable gases, energy storage and smart grids. About 100 researchers and experts cooperate with research organisations worldwide and participate in several European R&D programmes. An open and collaborative innovation policy involving public and private sector partners.

### We believe in the power of collaborative innovation

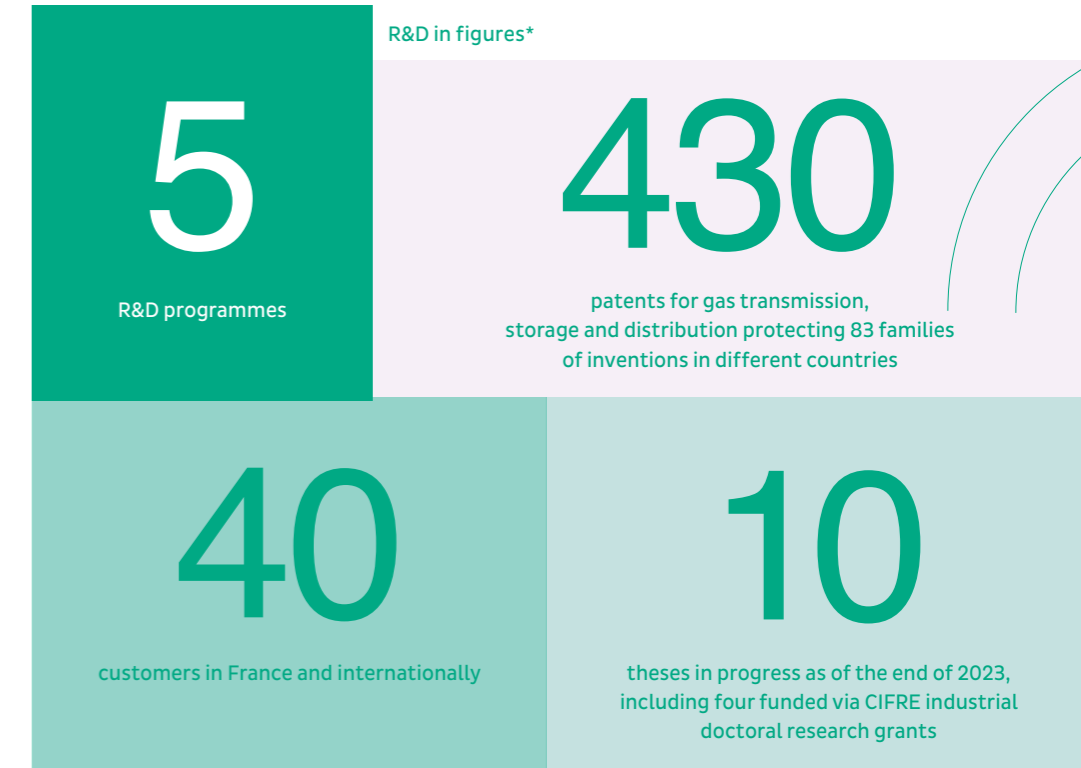
Working alongside innovative external partners – large industrial groups, research organisations and universities – helps us to deliver solutions to the problems associated with our activities. Our Open Innovation Factory's calls for projects from start-ups, SMEs, mid-cap companies and laboratories generate numerous experiments, developments and solution patents. Every staff member can also contribute to innovation by getting involved in the search for solutions via a collaborative platform.

### THE CHALLENGE OF DECARBONISATION

Industrial customers of GRTgaz must reconcile economic and environmental performance. Working alongside them as they consider energy efficiency and make their activities carbon neutral, we deliver solutions compatible with circular economy concerns and the relocation of some of their activities. GRTgaz is also examining transport infrastructure for by-product CO<sub>2</sub>, which will contribute to decarbonisation through the implementation of CO<sub>2</sub> capture, transport, recovery or geological storage (CCUS). GRTgaz is a partner of four projects with official recognition as Projects of Common Interest (PCI) in Dunkirk, Val de Seine, Saint-Nazaire and Fos-sur-Mer, which are areas of high industrial emissions.

### We seek to unite regional initiatives concerning renewable gases and hydrogen

We put our expertise at the service of local players to support them in the development of different forms of production and renewable gas uses (anaerobic digestion, gasification of solid or liquid waste, hydrogen transport, carbon-neutral industry, clean mobility, etc.). We believe in a multi-energy transition customised to local ecosystems and embedded in a circular economy approach.



\* RICE figures

### HYDROGEN: A SIGNIFICANT FUTURE ROLE IN THE GAS MIX

GRTgaz is preparing the future conditions for the conversion of its network and the injection of significant volumes of hydrogen. On a European scale, transmission system operators (28 countries involved) anticipate the need for a "hydrogen backbone" linking European Hydrogen Valleys, which could reach 53,000 km by 2040. By this time, the European hydrogen backbone should comprise approximately 60% of existing gas pipelines converted to hydrogen, along with 40% new hydrogen pipelines. The momentum for hydrogen projects grew stronger in 2022. France, Spain, Portugal and Germany launched H2med, an infrastructure project designed to carry low-carbon hydrogen in Europe between the Iberian peninsula, France and Germany. GRTgaz is also working with industry to develop regional hydrogen ecosystems. Seven PCI projects are in the process of development. The first project (mosaHYc) has been awarded investment for commissioning during 2027.

# Combining well-being and performance for our employees and contractors

We believe that the challenges of the environmental and digital transformation of our company, alongside the requirement for performance, must be compatible with the individual and collective fulfilment of all our people. Our values commit us to combining well-being and performance and to ensuring a safe, fulfilling and inclusive working environment.



“GRTgaz is one of the Top 40 companies that welcome and respect applicants.”

(ChooseMyCompany)

## We guarantee the health and safety of our employees and contractors

The health and safety of employees and contractors working at our facilities is a priority. A management and governance system is implemented at all levels of the Group to manage occupational health and safety risk. As part of a preventive approach, safety walkarounds aim to develop the safety culture of all employees.



## We offer a positive and stimulating working environment

We are convinced that putting human relations at the heart of our corporate culture is a powerful lever for employee engagement. A positive and stimulating work environment makes people want to get involved and stay involved for the long term. The development of soft skills such as creativity, adaptability, critical thinking and collaboration provides the keys to successful career development. Trust, exemplary behaviour, transparency, and constructive feedback are core values in our management project.



# 94

Gender equality index\*  
for 2023



# 124

employees with disabilities  
in 2023

## We stand for inclusion and equal opportunities

Fostering inclusion within the company is a duty in terms of social responsibility, but above all a necessity for our company performance. Our workforce must reflect the plurality and diversity of society. For this reason, three diversity objectives are included not only in our CSR commitments but also in the profit-sharing agreement for each employee: the recruitment of workers with disabilities on permanent and fixed-term contracts, the percentage of women on permanent contracts and the percentage of women on work/study programmes.

\* Index based on 100 points

# Engaged alongside our stakeholders

We work with regional players to co-build future solutions and reconcile the interests of as many people as possible. We develop consultation, ensure transparency on the positive and negative impacts of our activities and provide all the energy data essential for forward planning and actions.



# 82%

of opinion leaders consider that renewable gases contribute to economic development and job creation

## We cooperate with our stakeholders

A tried and tested consultation process with all players in the gas chain (traders, shipper customers, industrial customers, gas-fired electricity producers, renewable gas producers, operators of gas infrastructure adjacent to our network, and public authorities), at each stage of the preparation of a proposal or the construction of our investment plan, ensures that everyone's views are incorporated and contributes to better service.

## We support local decision-makers

Through our regional offices, we assist local decision-makers in their energy planning activities. We inform them about the potential of gas and the flexibility of the gas system in a multi-energy approach. We support them in ensuring a virtuous environmental transition to serve the regions. To this end, we provide data (open data) and conduct prospective studies related to the deployment of renewable gases, hydrogen and new uses (e.g. bioNGV fuelling stations).



10 individuals make up the GRTgaz stakeholder committee

## We seek to understand and integrate the expectations of civil society

A stakeholder committee, comprising ten qualified individuals from the sectors of agriculture, industry, environment, innovation and social sciences, provides the senior management of GRTgaz with advice on transformation issues concerning the company or society as a whole.

## We communicate with European decision-makers

We support the place of new gases (biomethane, hydrogen and CO<sub>2</sub> in a European energy mix aiming to achieve carbon neutrality for the continent by 2050. The Green Deal, whose ambition is to reconcile the European economy with



environmental concerns, together with the gas package, a reform of gas legislation making it easier to integrate new gases, have been two of the major topics on the agenda of our European office. In coordination with other European transmission system operators, our European office is working on future GRTgaz projects to highlight the contribution of new gases to carbon neutrality, and to share our vision of the role of gas infrastructures in connecting the energies of the future.



# Expanding our action beyond the French gas networks

Accelerating the energy transition: our ambition is also reflected in our subsidiaries.

## **ELENGY, LEADER IN LNG TERMINALS IN EUROPE**

Elengy is an expert in Liquefied Natural Gas (LNG) and operates the three regulated LNG terminals in France, Montoir-de-Bretagne on the Atlantic coast and Fos-Cavaou and Fos-Tonkin on the Mediterranean. As the entry points for LNG in Europe, these three sites offer the market optimum flexibility for unloading or loading any type of LNG carrier, transshipments between LNG carriers, loading tankers with LNG or regasification of LNG for injection into the transmission network. Elengy is developing its services by investing in the development of bioLNG activities to reduce the environmental footprint of industry players and prepare the transition to a carbon-neutral supply by 2050.

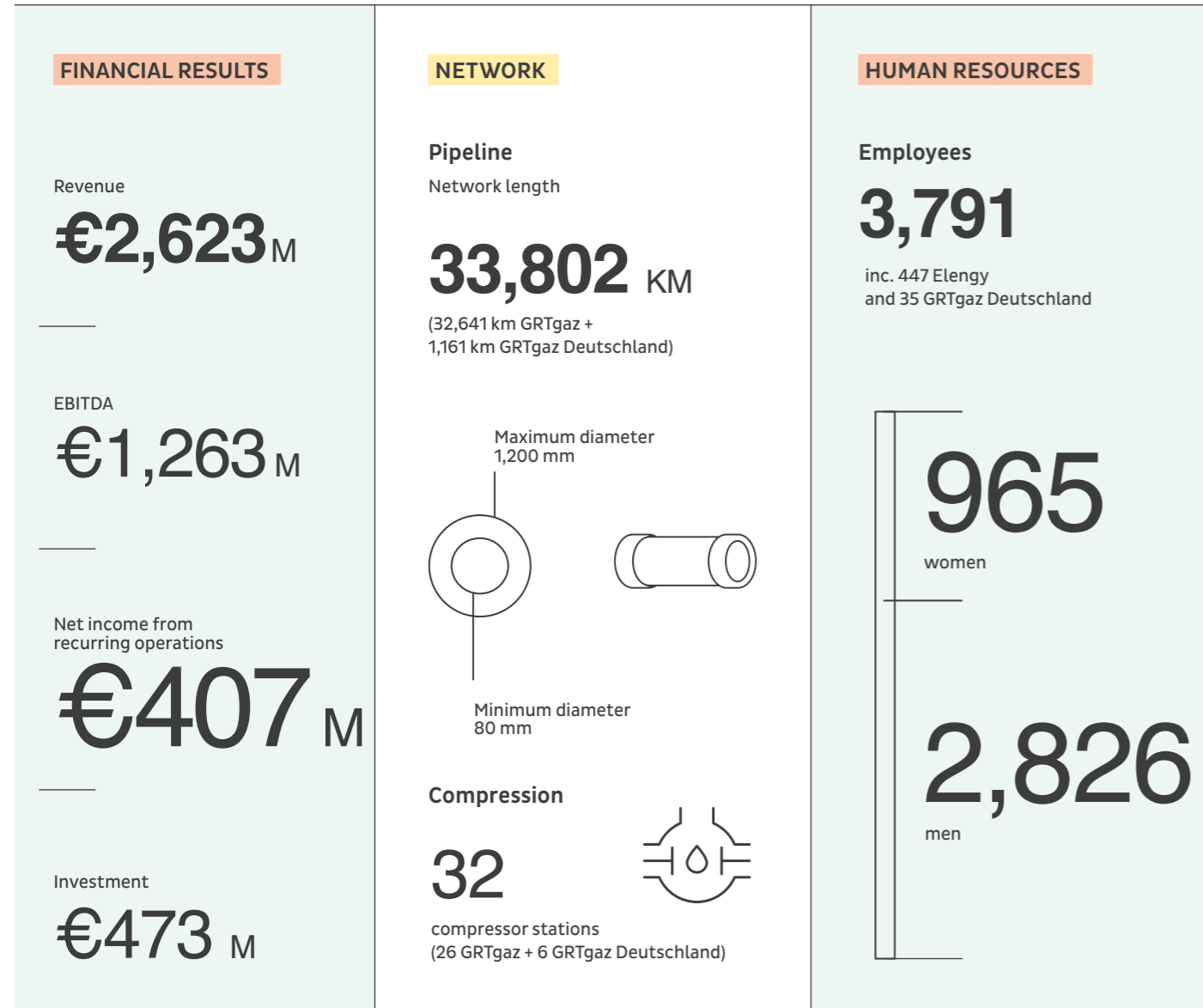
## **GRTGAZ DEUTSCHLAND, A STRATEGIC PLAYER IN EUROPEAN GAS TRANSMISSION**

GRTgaz Deutschland, the German TSO certified as an ITO (Independent Transmission Operator), operates the MEGAL pipeline, which extends GRTgaz's network in Germany as far as the Czech Republic and Austria. This high-capacity artery fulfils two roles: carrying gas to southern Germany and routing it to or from France in response to market needs. The large volumes transported contribute to security of supply for both countries. GRTgaz Deutschland, recently certified as a Hydrogen Transmission Network Operator (HTNO), is contributing to the energy transition and the development of decarbonised gas transmission by working with the other German transmission system operators to build dedicated transmission infrastructure for hydrogen: the "Kernnetz" or core network for hydrogen transport. By 2032, one of the two MEGAL pipelines will be converted to hydrogen, ready to receive green hydrogen from southern Europe transported via the H2med and HyFen corridors.

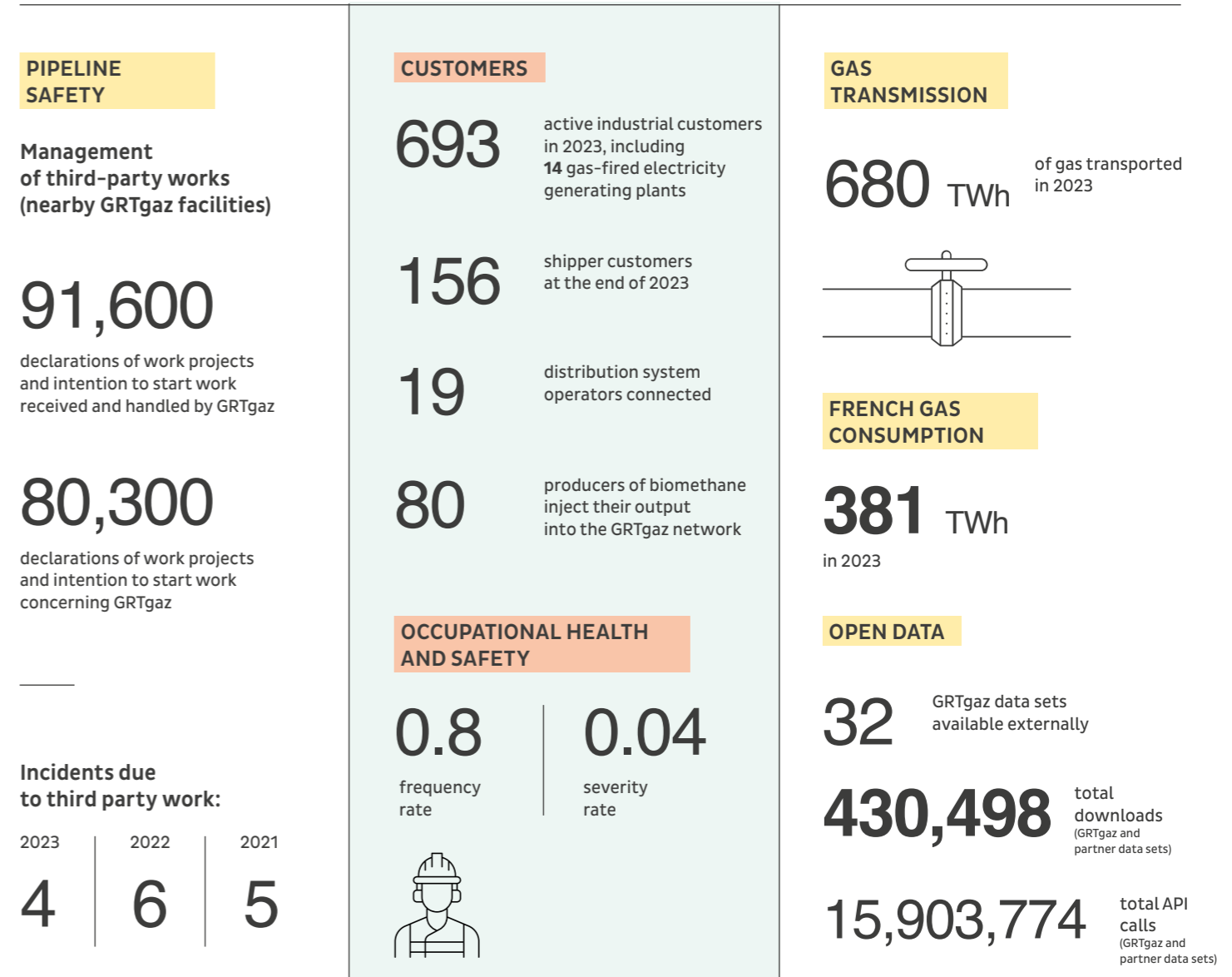


# 2023 key figures

GRTgaz group scope (GRTgaz, Elengy, GRTgaz Deutschland)



GRTgaz France scope



# Contact us

## HEAD OFFICE

Immeuble Bora  
15 avenue de l'Europe  
92270 Bois-Colombes Cedex  
Tel: +33 (0)1 55 66 40 00

## FINANCE, CSR AND PROCUREMENT DIVISION

Immeuble CityZen 1  
9 avenue de l'Europe  
92270 Bois-Colombes  
Tel: +33 (0)1 55 24 84 96

## VAL DE SEINE REGIONAL OFFICE

Immeuble CityZen 1  
9 avenue de l'Europe  
92270 Bois-Colombes  
Tel: +33 (0)1 55 24 84 96

## CENTRE-ATLANTIC REGIONAL OFFICE

10, quai Émile-Cormerais  
BP 70252  
44818 Saint-Herblain

## RHÔNE-MEDITERRANEAN REGIONAL OFFICE

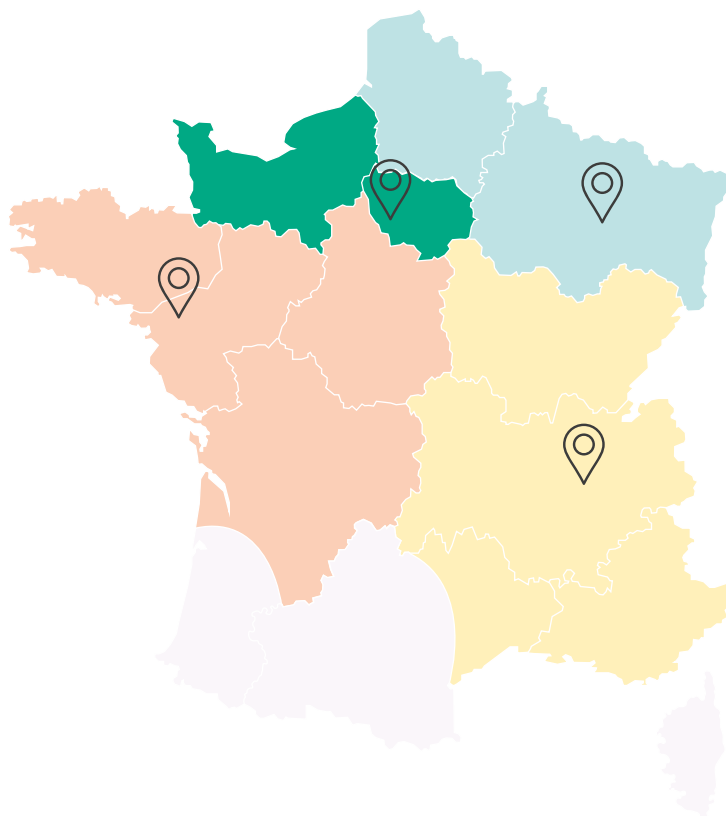
OXAYA site  
10, rue Pierre-Sépard, CS 50 329  
69363 Lyon Cedex 07  
Tel: +33 (0)4 78 65 59 90

## NORTH-EAST REGIONAL OFFICE

24 quai Sainte-Catherine  
54000 Nancy  
Tel: +33 (0)3 83 85 35 52

## Find out more

[Integrated Report](#)



[grtgaz.com](http://grtgaz.com)

