



GAS, ACCELERATOR OF THE FUTURE





“As an energy 'in transition',
gas lies at the heart
of technological change,
making it a solution
for the future.”

Dominique Mockly
General Director Terēga

5,127 km
of pipelines

15,8%
of pipelines within the French
gas transportation network

661
employees

460M€
of turnover

126M€
of investments

68 transport customers,

27 storage customers

2.9 Gm³
of marketable
volumes

25.9%
of gas storage capacities
within the French network

29%
reduction in greenhouse effect
gas emissions since 2015

Almost **86%**
recycled waste



OUR EXPERTISE

The transport and storage of gas

Terēga has been developing exceptional know-how for over 70 years in the development of efficient, secure gas transport and storage infrastructures which provide permanent links between producers and consumers and fulfil the energy requirements of French and European customers.



OUR EXPERTISE

The transport and storage of gas

TRANSPORT

The Terēga pipeline grid distributes high volumes of gas from one point in the network to another. The gas can either be used directly by customers connected to the network or is transported to distribution grids supplying consumers in urban areas.

STORAGE

The storage sites operated by Terēga are capable of storing huge amounts of energy. This means that they are able to respond to seasonable demand and subsequently guarantee a continuous energy supply.





OUR EXPERTISE

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TRANSPORT

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119 delivery points for industrial distribution
324 delivery points for public distribution
2 links with Spain

STORAGE

The storage sites operated by Terēga are capable of storing huge amounts of energy. This means that they are able to respond to seasonable demand and subsequently guarantee a continuous energy supply.

2 underground storage sites
in groundwater reservoirs :
Lussagnet (Les Landes)
Izaute (The Gers)





OUR EXPERTISE

The transport and storage of gas



GAS, A SOURCE OF ENERGY WITH MANY ADVANTAGES

Gas, the core business of Terēga, is the energy source of the future.

Whether we're talking about natural gas or renewable gas, it's abundant, readily available, competitive and has low CO₂ emissions.



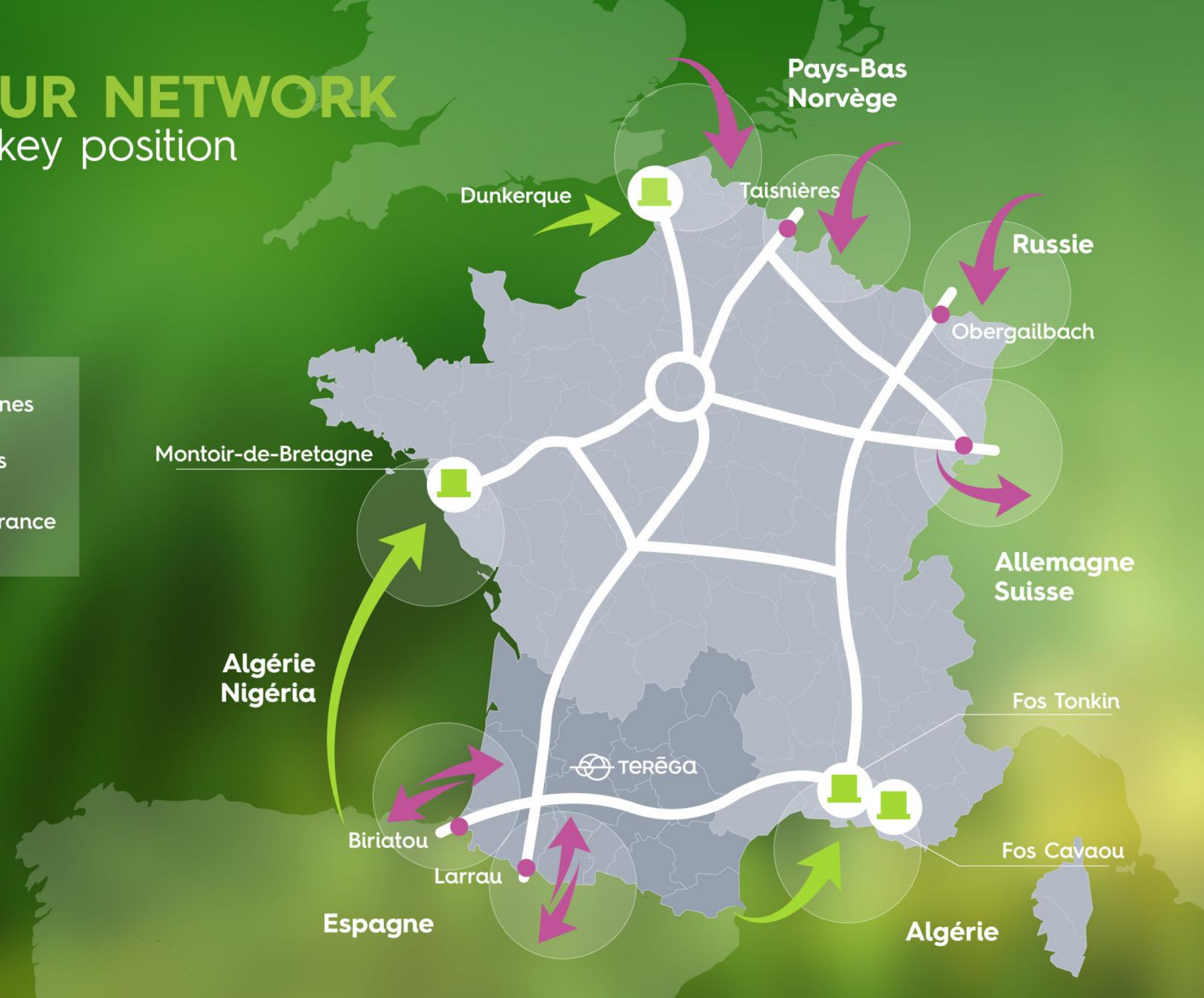
OUR NETWORK

A key position

Since it is both a national and a territorial player, Terēga occupies a strategic position at the crossroads between major European gas flows which allows it to guarantee secure supplies and contribute to the development of energy in Europe.

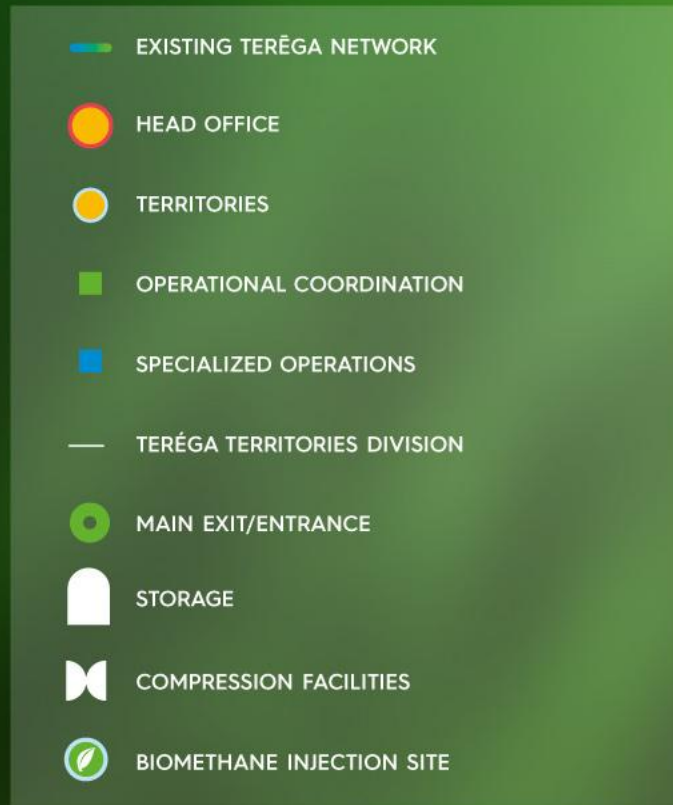
OUR NETWORK

A key position



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OUR STRATEGY LINES

A transformation upheld by an ambitious corporate plan:
Impacts 2025

Terēga is already working on making the future of gas visible on the basis of Impacts 2025, a strategy which defines the firm's main lines of development and objectives for the coming years.

OUR STRATEGY LINES

A transformation upheld by an ambitious corporate plan:
Impacts 2025

ACCELERATING THE DEVELOPMENT OF EMERGING APPLICATIONS FOR GAS

Biomethane

Natural Gas for Vehicles (NGV)

Multi-Energy system

Storage and recycling of CO₂



Biomethane

Biomethane is a renewable energy source produced by the natural breakdown of organic material: green waste, household waste, agricultural waste, food industry waste and even industrial waste.

POTENTIAL RESOURCES IN THE Terēga ZONE



Terēga has installed 2 biomethane stations in **Lot et Garonne** (47) and **Pyrénées Atlantiques** (64).

4 projects recently signed and a strong territorial dynamic with more than 20 potential units to connect.

These projects are an integral part of the multi-year programme of energy sources (with an injection of 6TWh into the grid by 2023).

Terēga's objective

> to achieve one goal per year in the next ten years.

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Natural gas for vehicles (NGV)

NGV emits less CO₂ than diesel and does not emit any particulate nor SO_x and offers a reduction of almost 80% in NO_x

Terēga is carrying out an extensive research program into the installation of NGV stations in France in order to bring France up to the same level as their European counterparts (250 public distribution stations by the end of 2020).

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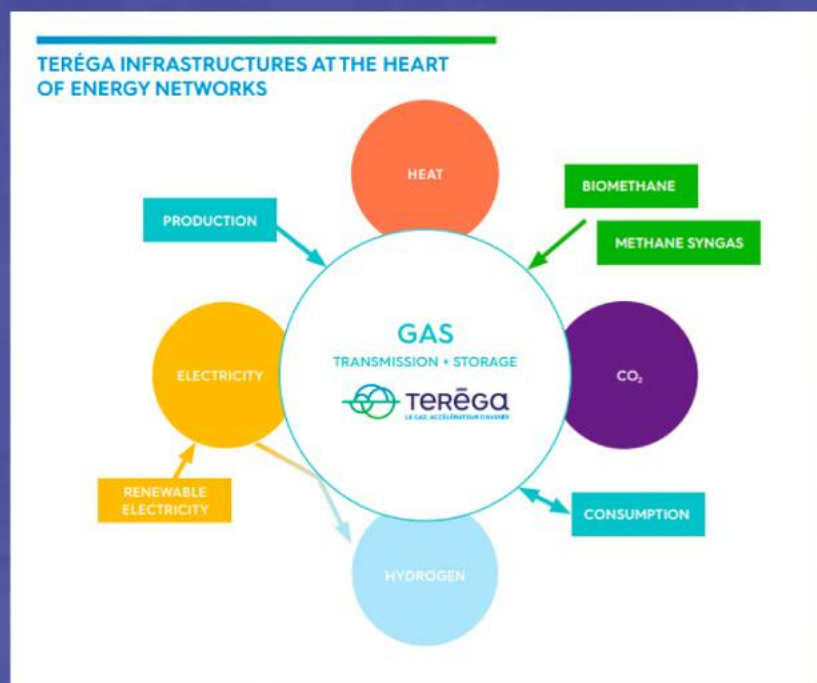
Natural Gas for Vehicles (NGV)

Multi-Energy system

Storage and recycling of CO₂



Multi-Energy system



In France, **every energy system generates an average of 25% to 60% loss.**

Our experts study ways to implement innovative solutions that will build tomorrow's energy models and optimise energy consumption.

Impulse 2025 will eventually create new synergies and maximise interconnections to present the various energy networks (gas, electricity, heat) as a unified and connected system. A collaborative project, IMPULSE 2025 aims to roll out a multi-energy system with a mission to launch operations in 2025.

It will make it possible to:

- share several energy sources and deliver them to new users
- reduce energy waste by storing lost energy for later use or by converting it into energy that is in greater demand

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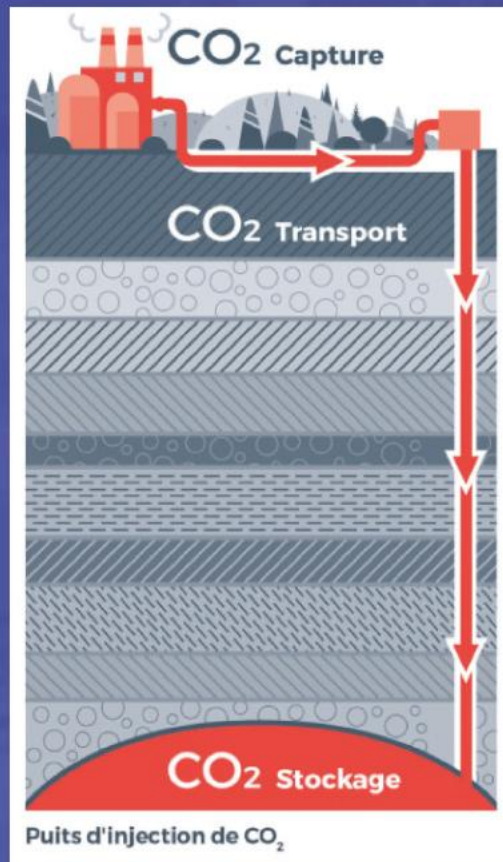
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Storage and recycling of CO₂

By using a technology that captures, transports, stores and/or recycles CO₂ we can reduce greenhouse gas emissions and at the same time safeguard the continuous use of fossil fuel.

Terēga monitors the geological storage of CO₂ very closely and is looking at ways to establish themselves as market leaders in this line of business.

They are actively working on a research programme which would enable them to recycle CO₂ and transform it into methane.

OUR STRATEGY LINES

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POSITIVE INVOLVEMENT IN THE ENVIRONMENT



= A positive environmental record

Avoid, reduce and compensate

This method, already implemented in the Terēga pipeline grid, is the essence of the Be Positive programme. It covers the impact on air, water, the ground, biodiversity, the landscape and stakeholders...

Terēga has been accredited with the following certifications:

ISO 9001 (quality management system)
ISO 14001 (environmental management)
ISO 50001 (energy management)

The aim of this fully integrated environmental programme implemented by Terēga is to reduce their carbon footprint to zero across all business activities by 2020.

The objectives of the Be Positive programme include:

- Introduction of an in-house BE Positif agreement in favour of Terēga employees
- NGV vehicles in the Terēga vehicle fleet
- Mobile repressuring operations
- Use of the flare on burning operations

OUR STRATEGY LINES

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MAKING COMMUNICATION FLOW BETTER AND STRENGTHENING INFRASTRUCTURE



Asset Replacement

An initial amount of 33 million euros has already been invested in the area South of Toulouse, near Pamiers (55 km's of pipelines)

In order to safeguard the integrity, availability of it's installations and adapt to new needs, Terēga introduced **a model that helps them to decide in which area of their infrastructure to invest.**



OUR STRATEGY LINES

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PLACE CUSTOMERS AND NATIONAL SECURITY
OF SUPPLY AT THE HEART OF OUR PRIORITIES



Secure the storage capacities

Terēga operates and develops its storage infrastructures at the heart of its network in Lussagnet and Izaute, at the crossroads of European gas exchanges. The storage products and services offered by Terēga are competitive, flexible and have maximum availability. They allow customers to meet their flexibility needs to supply end consumers and seize opportunities that arise in the gas wholesale market.

OUR STRATEGY LINES

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PUTTING INNOVATION AT THE HEART OF CUSTOMER SERVICES



Ambassadors Club

In order to respond better to the operational and daily expectations of its customers, Terēga is developing a new customer platform.

In a co-creation approach, Terēga launched the Ambassadors Club where customers exchange and express their needs.
Terēga launched in October 2019 the new client platform that will continue to evolve in 2020.



OUR STRATEGY LINES

A transformation upheld by an ambitious corporate plan:
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WE TAKE OUR APPROACH « ZERO ACCIDENTS,
ZERO DAMAGES, ZERO SURPRISES » TO THE NEXT LEVEL

Safety is a fundamental value at Terēga and its top priority.

To guarantee the day-to-day safety of our employees, our partners and our facilities, we deploy a structured and systematic approach at the root of all our processes.



Regular monitoring of the network

Additional security measures

An infrastructure inspection programme

Periodical testing **Crisis management**

Regular research Inspection of work carried out by third parties

Awareness campaigns

Innovative protection tests

Accident prevention policy

Safety and cyber-security policy



Terēga is today supported by it's team
of dedicated committed employees playing
an active role in the development
of the energy world of tomorrow

www.terega.fr