

YOUR PARTNER FOR TAILORED SOLUTIONS



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CGT OIL & GAS

Energy is needed to explore, extract and transport Oil & Gas that are often found in remote and inaccessible locations.

CGT is your single-source supplier, offering you tailored solutions for all upstream and downstream applications, whether for pumping, compression or any other form of auxiliary, main or emergency power.

Pairing the high quality of Cat® engines, in a power range from 100 kW to 5,500 kW, with its engineered solutions, CGT has the tools and expertise to support you through the entire cycle, from the pre-contractual analysis phase to the commissioning and plant start-up. Our service and parts division will then keep you running for years.

The most important Oil & Gas and Engineering Companies have chosen the energy solutions provided by CGT.



THE STRENGTH OF A LEADING INTERNATIONAL NETWORK

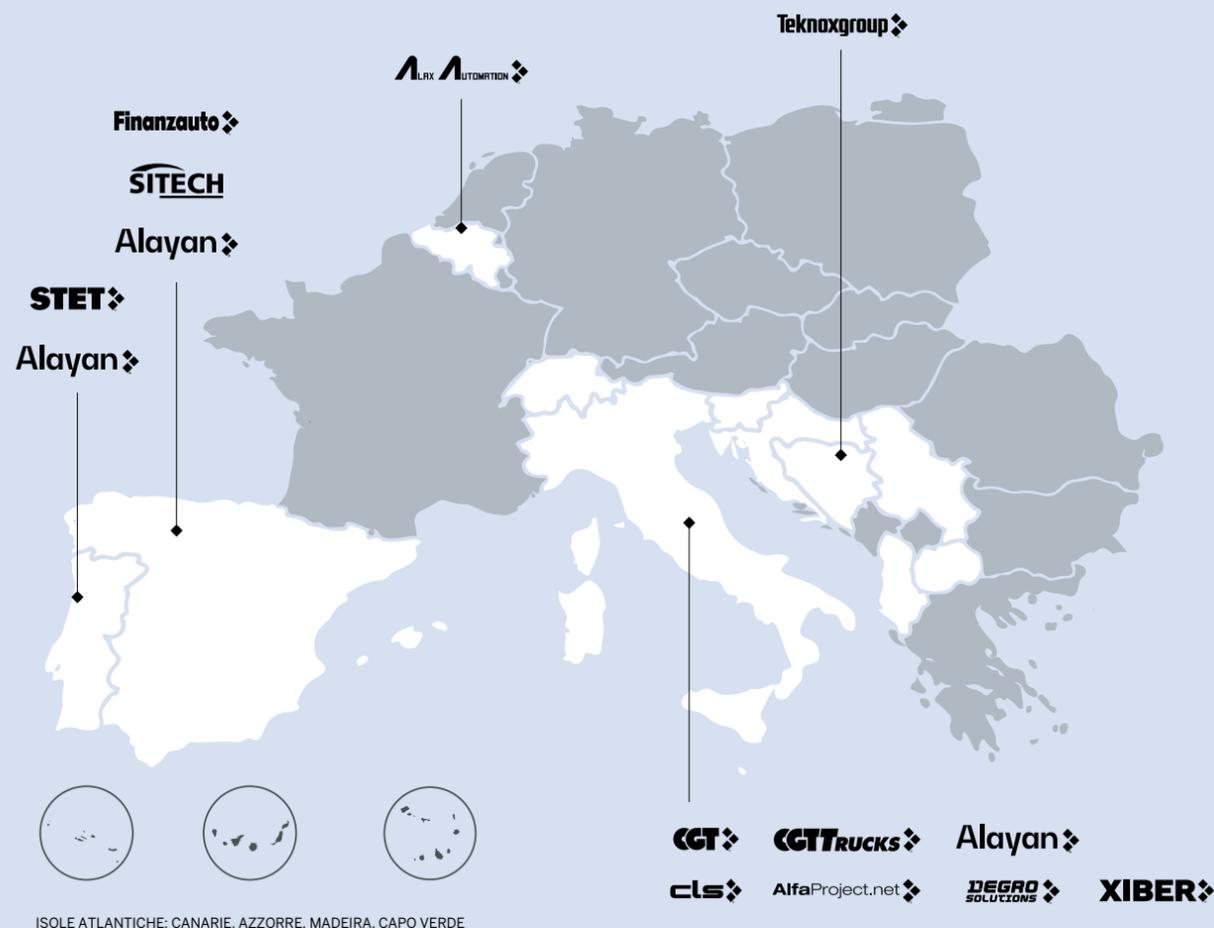
[LEARN MORE ABOUT THE TESYA GROUP](#)

Click or tap to open.

TESYA is an international group comprised of **24 companies operating across 15 countries**, all sharing the same core values and a strong connection to their local markets.

Alongside CGT's areas of expertise, TESYA companies also design, sell, rent, and manage innovative and customized solutions for the construction industry, warehouse automation and management, road logistics, and for energy transition.

Customers benefit from a **unified vision**, operational **synergies**, and the proven reliability of a **financially solid international group**.



THE EXPERTISE OF A HISTORIC ITALIAN COMPANY

CGT is an Italian company founded in 1934 and part of the TESYA Group. Its **Power Division** specializes in the design, construction, and maintenance of **energy generation systems** that deliver maximum efficiency at the lowest possible cost per kW produced. CGT also provides **integrated sales, rental and service solutions across the construction, infrastructure, and industrial sectors**, as well as in **Oil & Gas and marine applications**.

1.250	PEOPLE
30	BRANCHES
€828 MIL	TURNOVER
€489 MIL	NET INVESTED CAPITAL
50.000	TRAINING HOURS
510	SERVICE TECHNICIANS

Data: 2024



POWERING YOUR BUSINESS

From drilling to production and transmission, CGT provides robust and efficient power systems to support critical Oil & Gas operations. Across the entire value chain — onshore and offshore — our high-performance solutions ensure continuity, safety, and compliance with the highest industry standards, delivering reliability, flexibility, and full lifecycle support even in the most demanding environments.

DRILLING & MECHANICAL DRIVE

CGT provides tailored power solutions with engines, transmissions, and complete packages for new wells or production upgrades. Its Cat® generator sets ensure performance, durability, and fuel flexibility - onshore, offshore - with full lifecycle support.

PRODUCTION

CGT develops power solutions for process and production that meet environmental, safety, and marine classification standards. Designed for critical conditions and hazardous areas, they're backed by expert service to keep your operations running.

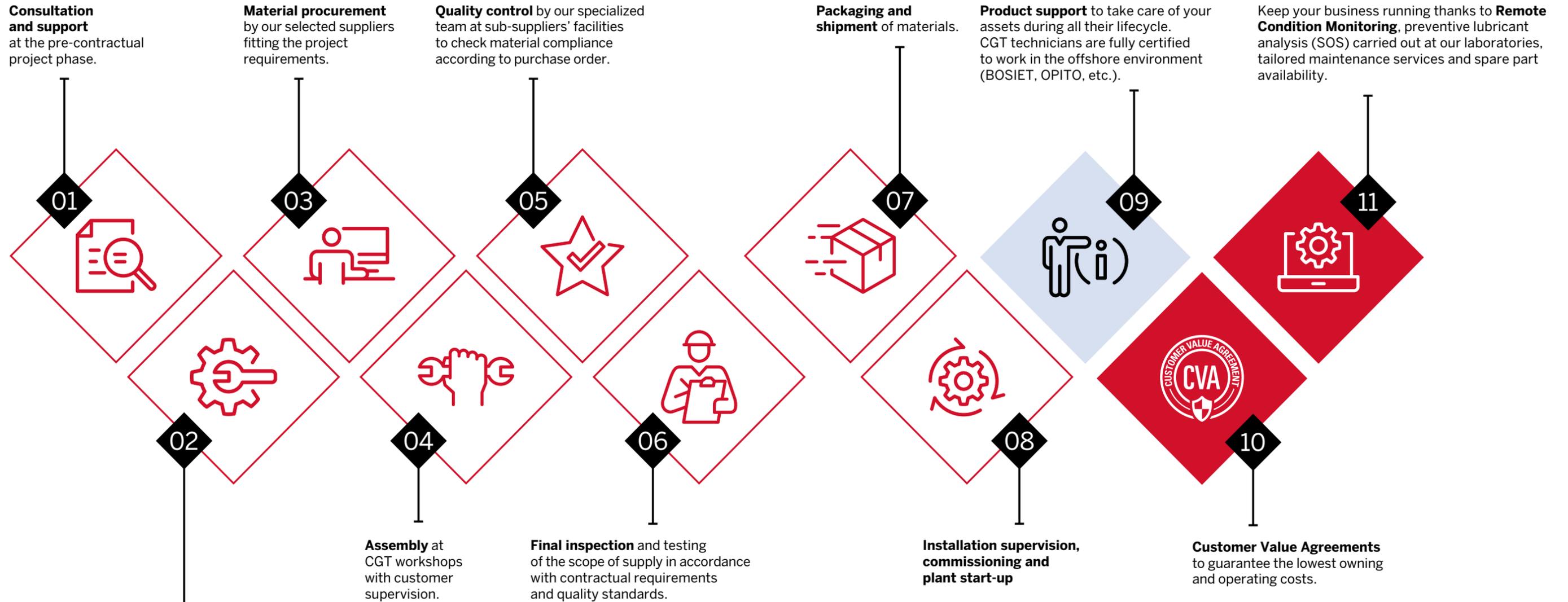
TRANSMISSION

CGT offers gas compression and transmission solutions with a wide power range, low operating costs, and full 24/365 support - even in hazardous environments with critical conditions, ensuring continuous flow in your installations.



OUR EXPERTISE AT YOUR SERVICE

For any Oil & Gas application, CGT delivers custom-packaged solutions to tackle the toughest environments and most complex design challenges. Thanks to proven components and CGT's engineering expertise throughout your operation, productivity is fully maximized.



FINANCIAL SERVICES

Project financing with customized solutions through our partner Cat® Financial or other leading credit companies to ensure maximum flexibility, supporting business growth.

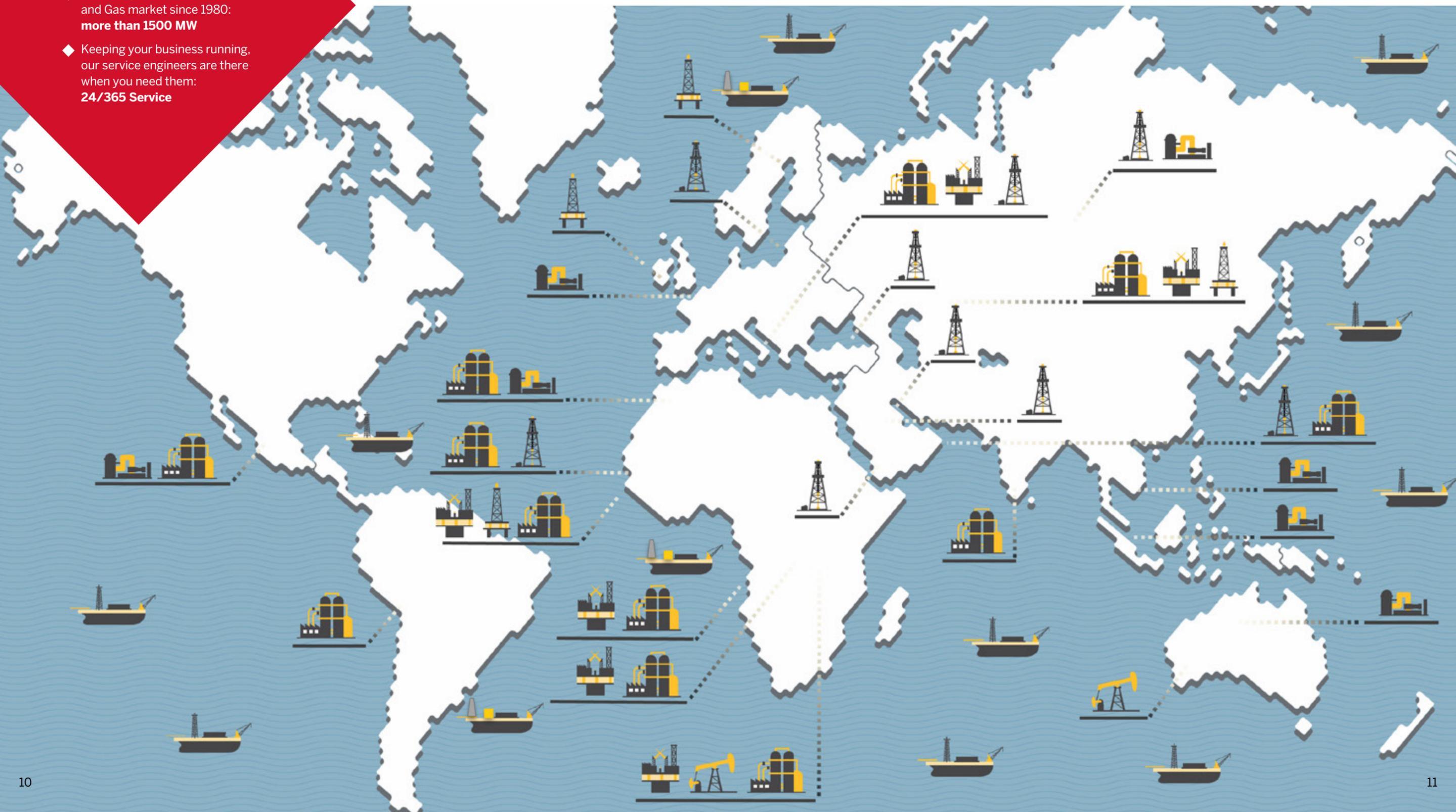
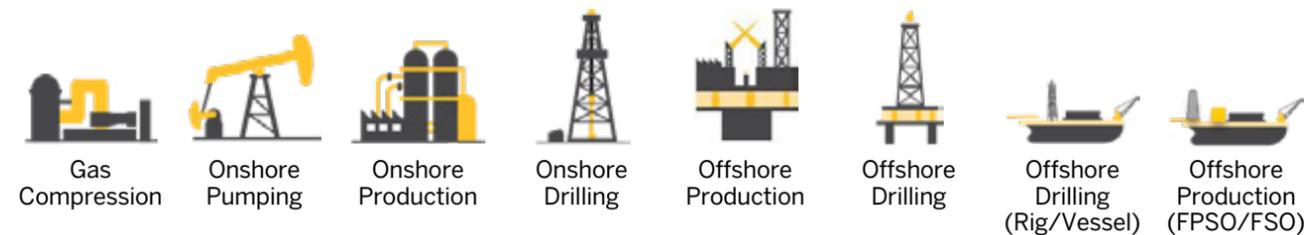
AFTERSALES SERVICE

- **Fast, worldwide support:** Rapid response wherever you are - offshore or onshore.
- **Parts always available:** We ensure fast delivery of genuine Cat® spare parts.
- **Certified expertise:** Our team is highly specialized, continuously trained, and in direct contact with the Cat® supplier.

CGT KEY REFERENCE
DATA IN OIL & GAS:

- ◆ Packages delivered: **more than 2000**
- ◆ Installed power in the Oil and Gas market since 1980: **more than 1500 MW**
- ◆ Keeping your business running, our service engineers are there when you need them: **24/365 Service**

CGT AROUND THE WORLD





CAT® ENGINES

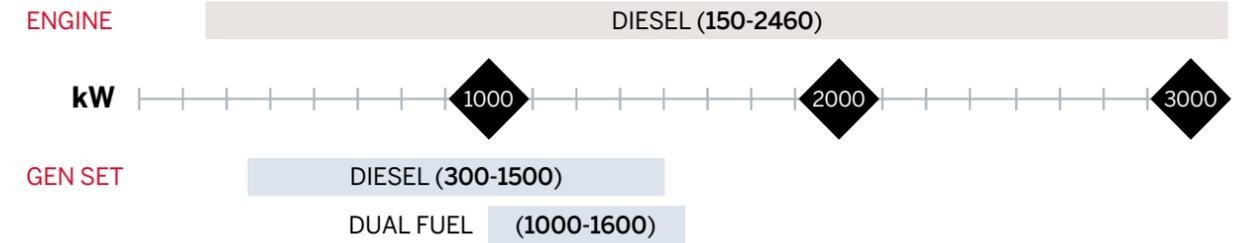
For over 90 years, Caterpillar has supported customers with reliable power solutions for Oil & Gas applications. Our extensive range of durable, high-performance products is built to meet the demands of your specific operations. From design experts who get your systems up and running, to local specialists in over 200 countries who help you keep them running: we have people and expertise to power your success.

Caterpillar continues to innovate to meet current emissions standards, with advancements in non-road mobile equipment, battery energy storage, and electric motor technologies.

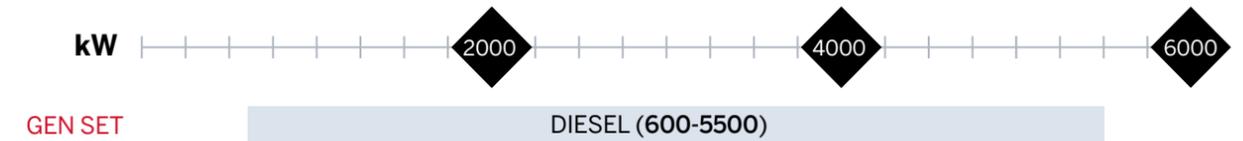
[OPEN THE RATINGS GUIDE](#)

Click or tap to open.

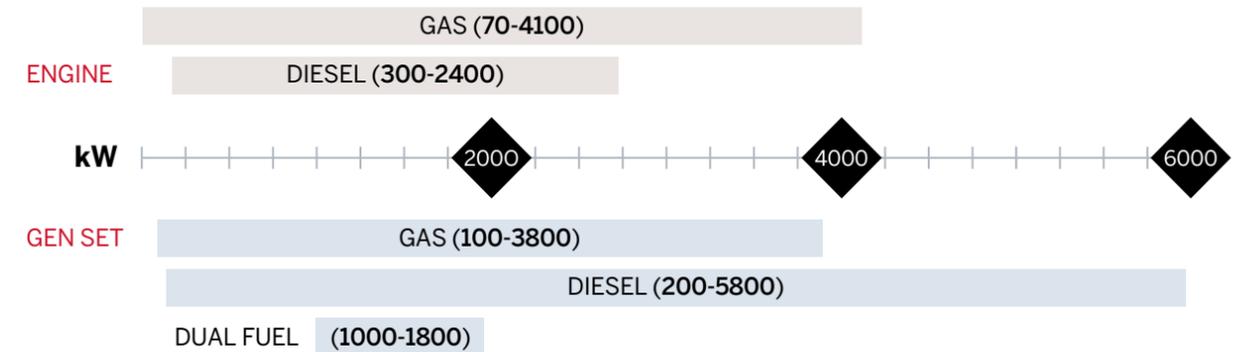
1. POWER FOR ONSHORE DRILLING & MECHANICAL DRIVE



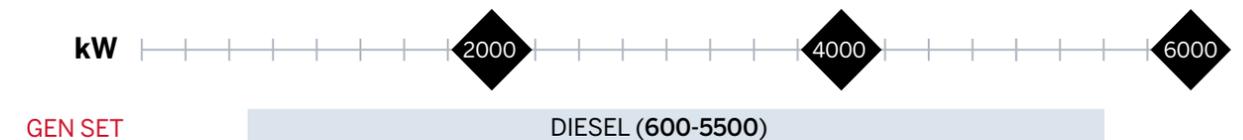
2. APPLICATION FOR OFFSHORE DRILLING



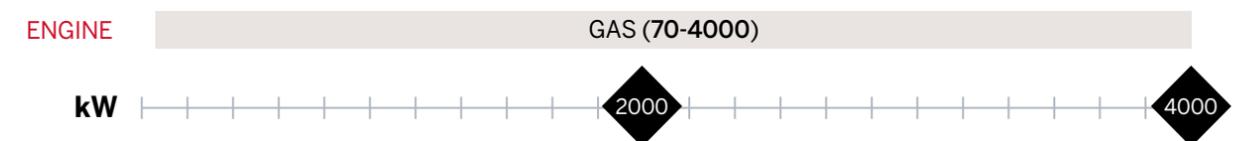
3. POWER FOR ONSHORE PRODUCTION



4. POWER FOR OFFSHORE PRODUCTION



5. POWER FOR GAS COMPRESSION



START TURNING YOUR DATA

**INTO SAVINGS, PEACE OF
MIND AND REVENUES**

Cat® gensets and engines come equipped with a data transmission device called Product Link. This collects and transmits information on engine performance and operating conditions. All data can be accessed remotely via the VisionLink® web portal. This allows intuitive visualisation of status, location, operating parameters and any engine fault codes.

Advantages:

- 1** REMOTELY ACCESS INFORMATION FROM A SINGLE ASSET OR AN ENTIRE FLEET.
- 2** KNOW MORE ABOUT YOUR ASSET HEALTH AND PERFORMANCE WITH THE EASY-TO-USE WEB INTERFACE THAT TRANSFORMS DATA INTO INSIGHTS.
- 3** MAKE MORE INFORMED DECISIONS WITH ACCURATE INFORMATION AVAILABLE AT YOUR FINGERTIPS.

VISIONLINK®

YOUR ENERGY OUR COMMITMENT

In the Oil & Gas sector, every project brings its own challenges. At CGT, we stand alongside our clients as long-term partners, delivering tailored, high-performance solutions across the entire asset lifecycle.

From engineering and procurement to assembly, installation, and support, our integrated offering ensures full compliance with technical specifications, reduced operating costs through Customer Value Agreements, and greater efficiency via remote monitoring and digital tools to improve visibility, minimize downtime, and boost efficiency.

The following case studies demonstrate the efficacy of this approach, producing tangible results with solutions that guarantee efficiency and reliability, even in extreme environments - onshore and offshore.



ONSHORE DRILLING

MAIN AND EMERGENCY POWER GENERATION



Location

Mexico



Scope of supply

28 x 1546ekW - 2000kVA 600V Cat® Diesel Generators



CGT Solution

CGT has provided complete service including: engineering, procurement, testing and supply of the units and final commissioning and start up.



ONSHORE DRILLING

MAIN AND EMERGENCY POWER GENERATION



Location

India



Scope of supply

78 x 900ekW - 1200kVA 600V Cat® Diesel Generators and DGB system



CGT Solution

CGT has provided complete service including: engineering, procurement, testing and supply of the units and final commissioning and start up.



ONSHORE DRILLING

MAIN AND EMERGENCY POWER GENERATION



Location

Kazakhstan



Scope of supply

10 x 1000ekW - 1500kVA 600V Cat® Diesel Generators with Soundproof containers, fire suppression systems control, Synchronizing & Power Distribution panels



CGT Solution

CGT has provided complete service, including: engineering, procurement, testing and supply of the units, long-term on-site preservation activities and final commissioning and start up.



OFFSHORE DRILLING

MAIN AND EMERGENCY POWER GENERATION



Location

SemiSub drilling Platform



Scope of supply

8 x 4840ekW - 6050kVA 11000V Cat® Diesel Generators, DNV certified, complete with air production & storage starting system, exhaust silencers, heat exchangers & UCP



CGT Solution

CGT has provided Cat® Generator Set supply including: engineering, procurement, testing and supply of the units, installation assistance, final commissioning and start up.



ONSHORE PRODUCTION

EMERGENCY POWER GENERATION



Location
Refinery Plant in Saudi Arabia



Scope of supply
7 x from 320ekW to 4840ekW Cat® Diesel Generators.



CGT Solution
CGT has provided bare Cat® Generator Set supply including: engineering, procurement, testing and supply of the units, and final commissioning and start up.



OFFSHORE PRODUCTION

EMERGENCY POWER GENERATION



Location
Caspian Sea



Scope of supply
6 x 2000ekW -2500kVA 6.6kV Cat® Emergency Diesel Generators.



CGT Solution
CGT has provided a complete service, including: engineering, procurement, testing and supply of the units, long-term on-site preservation activities and final commissioning and start up.



OFFSHORE PRODUCTION

ESSENTIAL POWER GENERATION



Location
FPSO operating in Angola



Scope of supply
One 2200ekW - 2750kVA 460V 60Hz 900rpm Cat® Diesel Generators ABS certified complete with air production & storage starting system, exhaust silencers, heat exchangers & UCP.



CGT Solution
CGT has provided Cat® Generator Set supply including: engineering, procurement, testing and supply of the units, final commissioning and start up.



ONSHORE GAS COMPRESSION

PRODUCT SUPPLY & MAINTENANCE



Location
Tunisia



Scope of supply
28 x up to 23000ekW Cat® and non Cat® Power Generators with maintenance on site with CSA, supply and delivery of spare parts, 24/7 phone support for troubleshooting.



CGT Solution
CGT responsible for the project and execution giving a performance rating of 99% availability.



CATERPILLAR'S SUSTAINABILITY DRIVE

Caterpillar recognizes that operations must keep running — there's no alternative. They understand that achieving the perfect balance between peak performance and operational efficiency can be a complex task. That's why Caterpillar is committed to helping customers make it happen. Their approach considers every aspect of power needs, applying the most suitable technologies and services to enhance performance while managing carbon footprints. Key areas Caterpillar focuses on when designing tailored solutions include reducing emissions, optimizing the efficiency of existing assets, and streamlining business operations.

Caterpillar goals:

- 1. REDUCING CARBON EMISSIONS**
- 2. OPTIMIZING CURRENT ASSETS**
- 3. MANAGING YOUR BUSINESS**

[READ THE SUSTAINABILITY MANIFESTO](#) 

Click or tap to open.



CERTIFIED RELIABILITY

CGT has structured its business management in order to offer the highest quality products and services to its customers, while focusing on the environment and personnel safety.

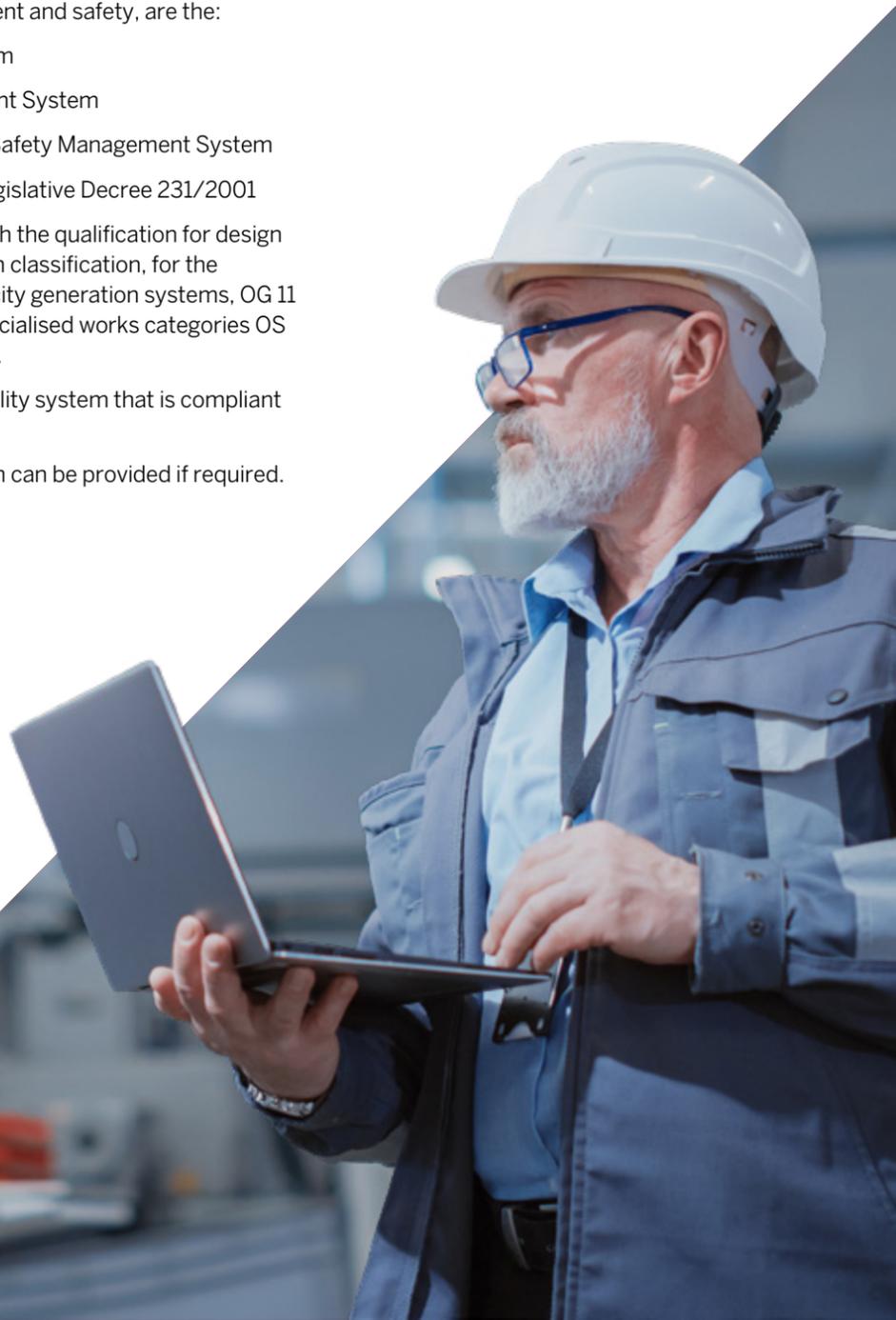
Among the main certifications that speak to our commitment and daily investments in quality, environment and safety, are the:

- ISO9001 Quality Management System
- ISO14001 Environmental Management System
- ISO45001 Occupational Health and Safety Management System
- Organizational Model pursuant to Legislative Decree 231/2001

CGT also holds the SOA certificate, with the qualification for design and construction services up to the 8th classification, for the general works categories OG 9 Electricity generation systems, OG 11 Technological systems and for the specialised works categories OS 14 Waste disposal and recovery plants.

All of our suppliers have a certified quality system that is compliant with the ISO 9001 standard.

Our Quality Procedure and Quality Plan can be provided if required.



Via Padana Superiore, 19
20055 - Vimodrone (MI)



www.cgt.it/oil-gas





www.cgt.it/oil-gas