

## **Compressors for Biomethane**



# Cubogas is an international leader in compression solutions, within Snam group



**Snam**, leading infrastructure operator in Europe, supports the development of new businesses fully dedicated to energy transition...



- Target of +160 L-CNG refueling stations by 2027 (70 already operative)
- Award of PNRR tender (15M€) to build #8 H2 refuelling stations
- Ambition to handle 400+ kton LNG by 2026 in Midstream LNG sector

#### ...and is strongly committed to H2 economy development



Set up of **domestic** ecosystem



Production of equipment



R&D of innovative technologies

cuboGas

Cubogas S.r.I., Greenture subsidiary based in Cherasco (Piemonte), is a global leader in design, development and production of technological compression solutions for natural gas, biomethane and hydrogen





**90+ years of experience** in the field, with **4.000+ units installed** worldwide



International business with more than **80%** of sales abroad and 40+ countries served



Natural gas applications on several industries

ranging from mobility, to biomethane and gas recovery / drainage



**Strong focus on H2 development** and, potentially, other gases (e.g. CO2)

# CuboGas technical advantages

Cubogas products offer several important advantages that impact not only product reliability but also Total Cost of Ownership, such as:

- Low rotational speed→ lower wear of components and longer maintenance intervals
- Non-lubricated cylinders→ very limited oil contamination
- Best in class Energy consumption
- Designed custom according to your specifications
- Best in class Remote control system → for self-diagnosis, failure prevention, maintenance alerts and remote control even from your smartphone or our HelpDesk
- One package solution → our containers include everything needed by the compressor (cooling system, storage and electrical panel) and are very easy to install
- Originally inspired on API 618 standards for heavy duty applications and to work 24/7



### Not only products: after sale service & remote control solutions...



- **REMOTE CONTROL** available for both customers and CUBOGAS SERVICE department, allows to access all system data regarding the compressor status: pressure, temperature, capacity, ...
- In case of alarm, **CUBOGAS SMART** allows to remotely perform the diagnosis, optimize the system parameters and organize the service at best



...and an exclusive spare parts e-commerce for a better aftersales experience



# **After Sales Service**

Cubogas is committed to protect your **business continuity** with remote control, maintenance planning, B2B Platform and a wide range of international after sales services up to 24/7 leveraging on our expertise and technical assistance network.



# **Cubogas applications**





#### **CNG online** station (public and private)

CNG stations directly connected to the pipeline

and private) CNG stations where the NG is delivered to the stations

**CNG daughter** 

station (public

through trailers





Mobile refueling unit that can reach end user's sites to refuel vehicles



reverse flow

Biomethane compression following its upgrade from biogas in treatment plant

#### recompression solutions

Solutions to recover venting and to drain gases



#### Gas gathering/ LNG Boil off гесочегу

Cubogas package compressing natural gas coming from a LNG storage boil-off and delivering it to the pipeline



Industrial /

Oil & Gas

Solutions for

applications such

as gas

recompression in

wells, powering

turbines,

underground

storage and many

others



Hydrogen

Cubogas technology for storage, distribution and application infrastructure (HRS included)

**CO2** 

CO<sub>2</sub>

Specific solutions for carbon capture, usage and liquefaction

#### Cubogas: reliability and safety in gas compression

# Cubogas biomethane main offering



# **Biomethane Compressors**

#### Recip. Compressors Full Range

Available in different configurations, they can process up to 10.000 scmh Range of applications:

- gas injection in the grid
- virtual pipelines and RNG filling of vehicles and fleets.
- nano-liquefaction: the key component to transform methane into liquid LNG



BMJ internal view - basic configuration

## **BMJ Range of products main features**

- ✓ **Specifically designed for biomethane injection** up to 1000 scmh
- $\checkmark$  Heavy duty solutions
- ✓ Low speed (always below 800rpm) for maximum reliability
- ✓ Maximum **standardization and modular design** to minimize CAPEX and OPEX
- ✓ **Remote control** for predictive maintenance and quick fix of minor issues.

# Main optionals and accessories:

- ✓ 2 Oil-Free solutions available:
  - ✓ Specific filtering
  - ✓ API618 distance piece Type 2
- ✓ Vent recovery system for gas leakages
- ✓ Sound-proof option
- ✓ Virtual pipeline configuration
- ✓ **Dual outlet** (gas injection + virtual pipeline) − available for some configurations
- ✓ Advanced after-sales servicing (up to 24/7 intervention within 4 hours)



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a Snam company

THANKYOU