



FORNOVOGAS
WE MOVE ENERGY



COMPLETE SOLUTIONS FOR GAS COMPRESSION

STORIA DI FORNOVO GAS

1969 - FORNOVO GAS viene fondata dal Dr. Carlo Bauzone

2004 – FG realizza il suo primo compressore per gas metano

2008 – Primo Compressore OIL FREE

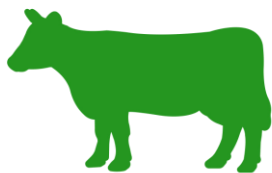
2024 –

- >3.000 Compressori installati nel Mondo
- > 120 Employees
- > 50M€ Turnover / Year



Azienda 100% Italiana, con produzione in Italia, a Traversetolo (PR)

APPLICAZIONI



BIOGAS-BIOMETHANE-BIOLNG



CO2



HYDROGEN



OIL & GAS



FUEL GAS BOOSTING



CNG

PRODUCT RANGE

SA200



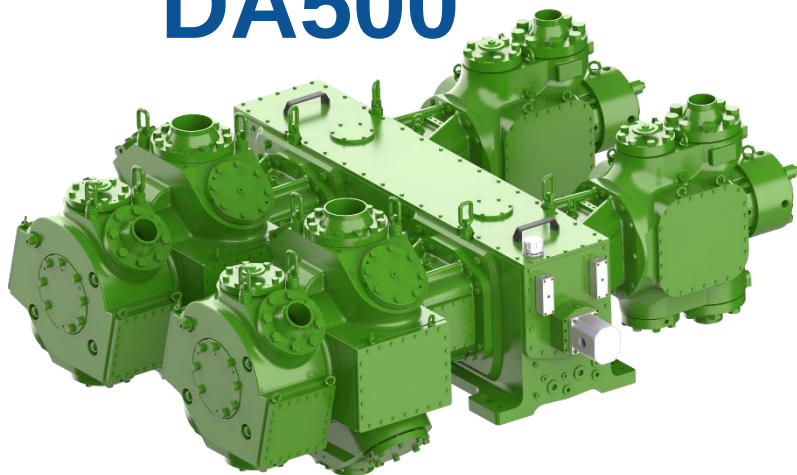
Power: 22 - 55 kW

DA300



Power: 75 - 350 kW

DA500



Power: 300 - 1200 MW

SA50



Power: 3 kW

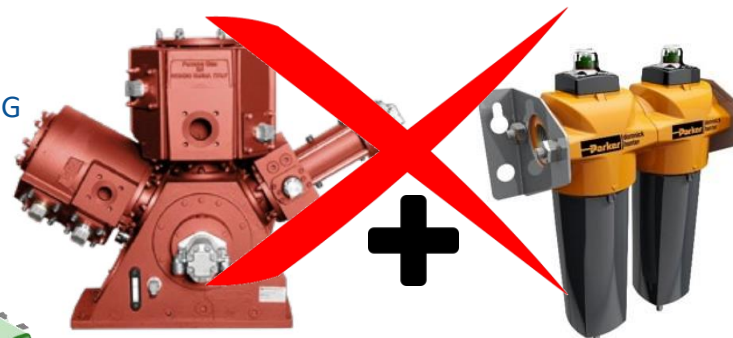
TECNOLOGIE DI COMPRESSIONE

Compressore LUBRIFICATO



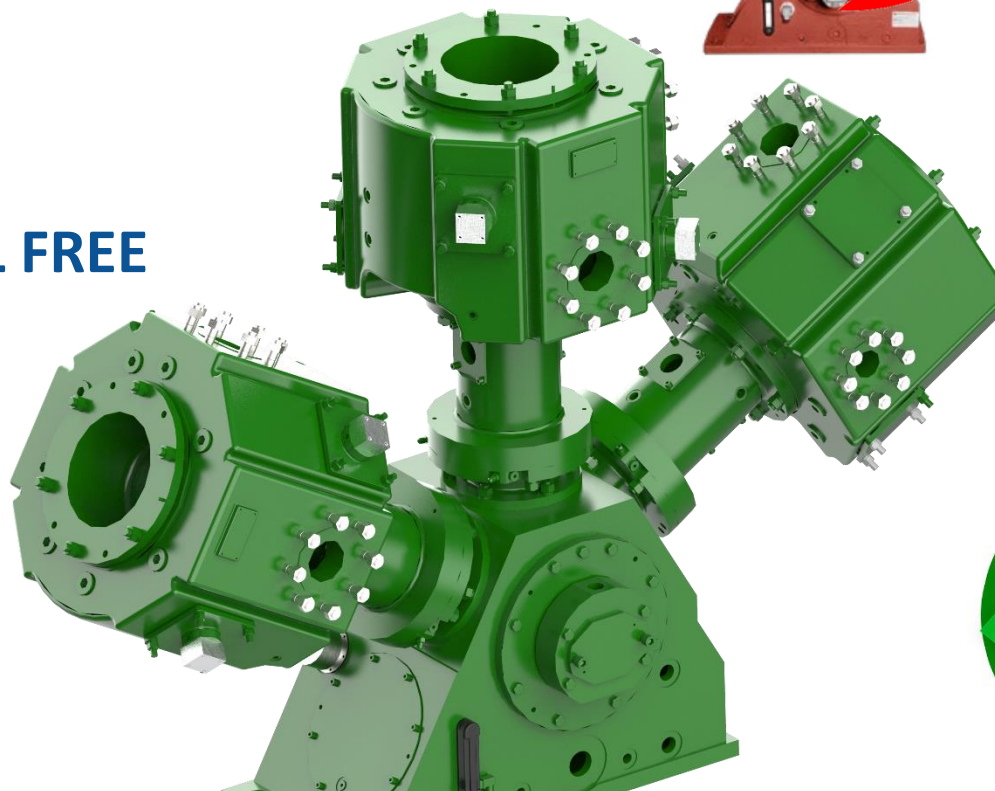
- Totalmente **inadatto** ad applicazioni BioMethane e LNG
- **Inquinamento** del Gas con olio
- **Consumo elevato di Olio**

Compressore NON LUBRIFICATO



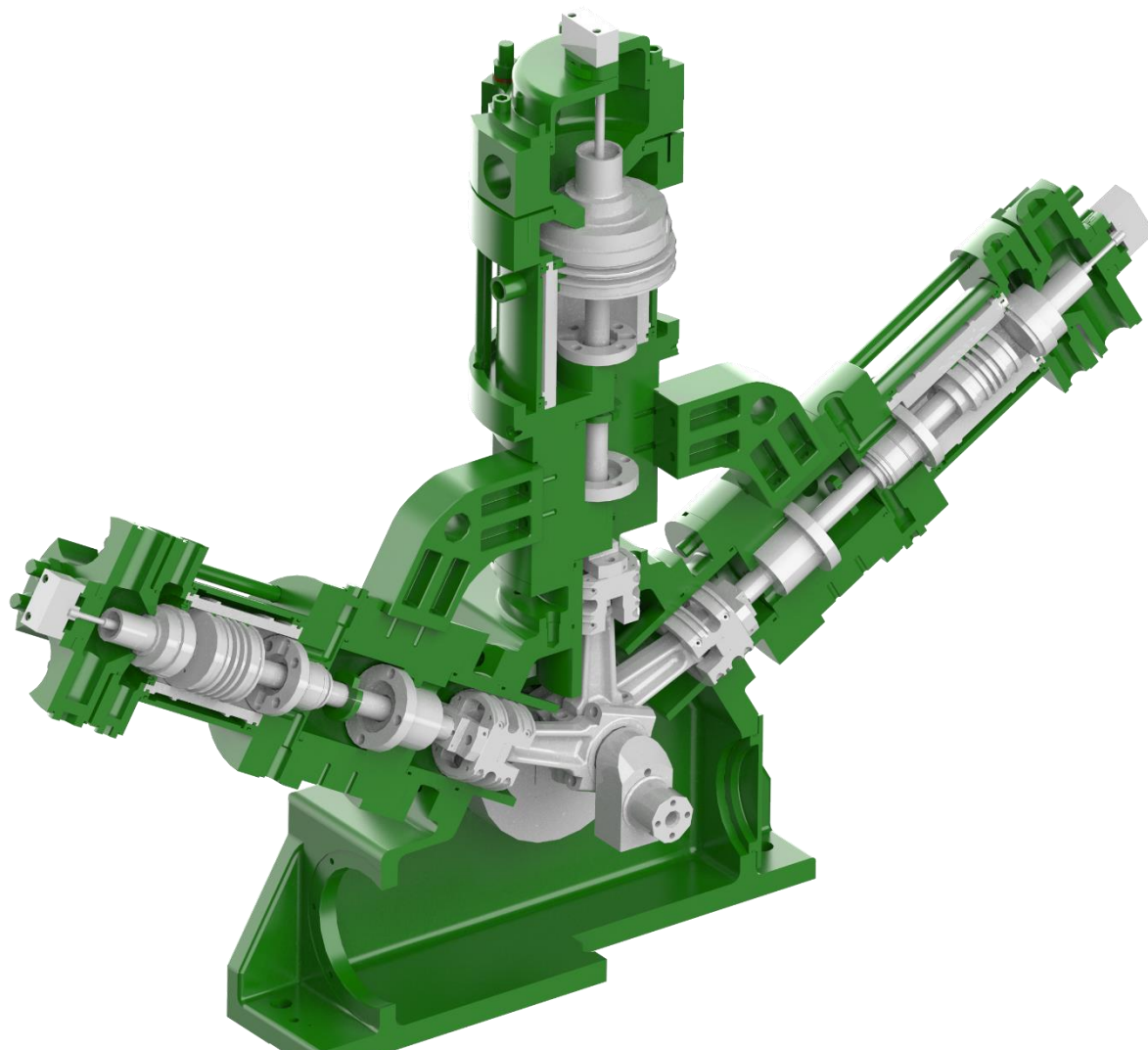
- Scelta **NON IDEALE** per Biomethane e LNG, CO2 o altri gas tecnici
- Necessità di **filtri ridondanti**
- **Manutenzione costante dei filtri**
- **Consumo di Olio** che richiede rabbocco
- Rischio di **contaminazione olio nel gas**

COMPRESSORE OIL FREE



OIL FREE Technology

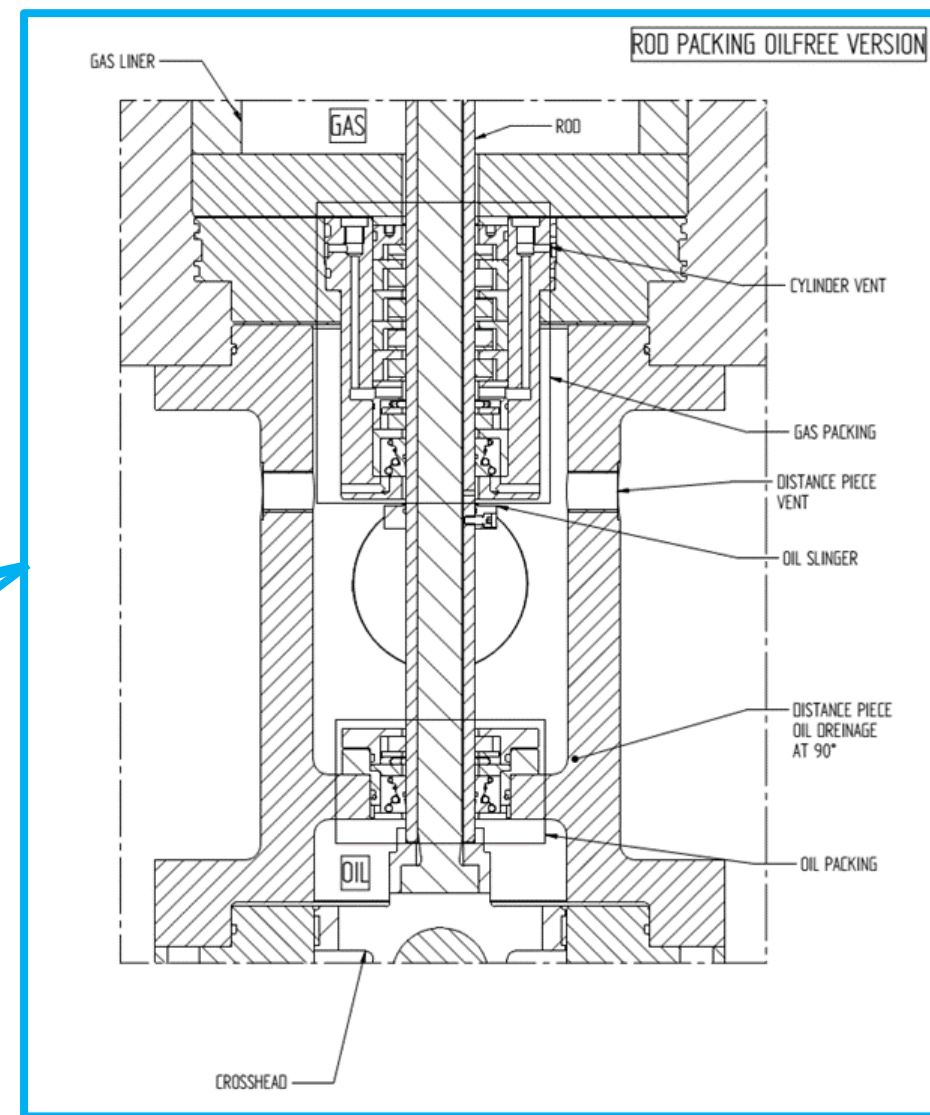
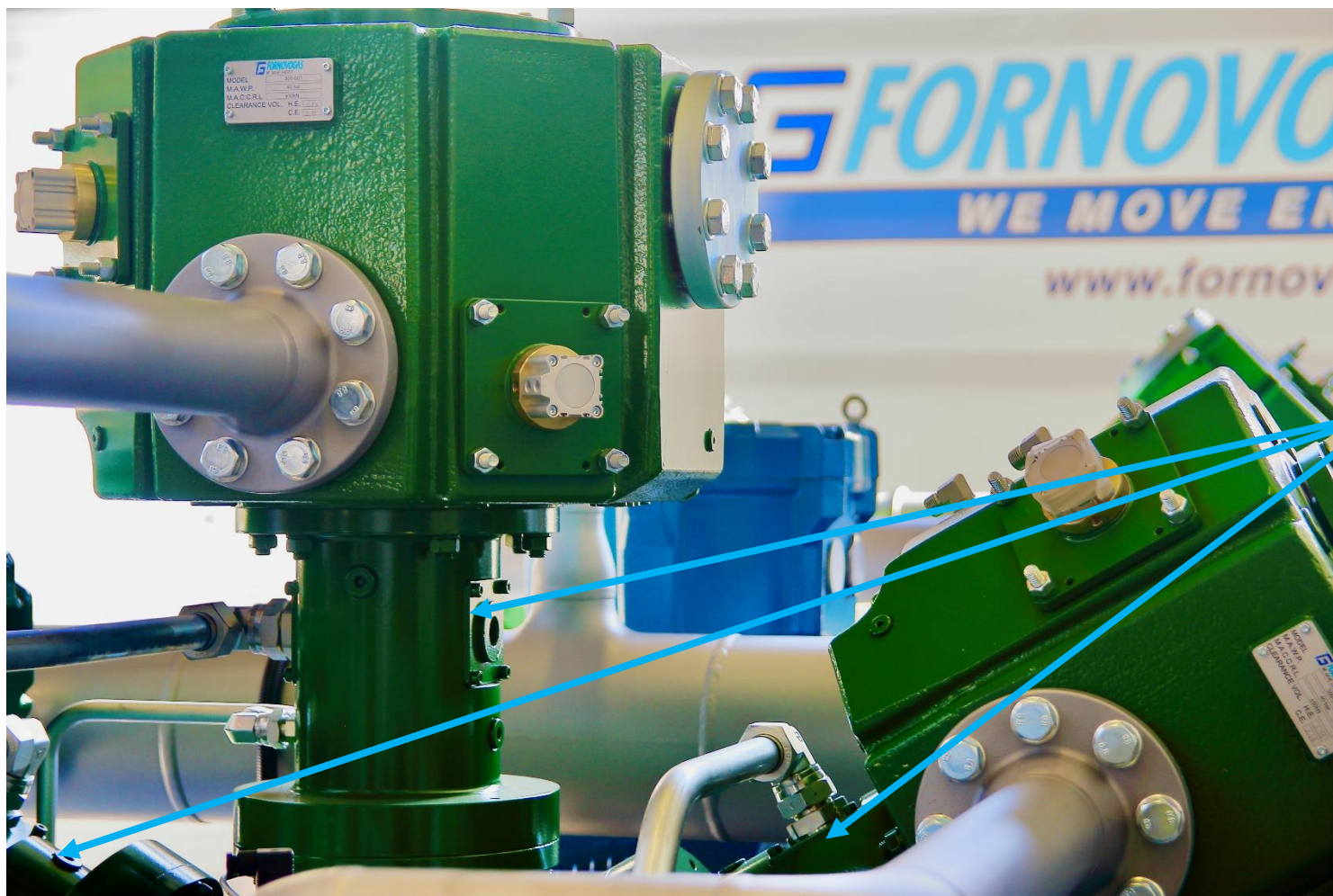
More than 250 installations in Europe



- Distance Piece Type B in accordo alle API 618
- Nessun Filtro necessario a valle del compressore
- Nessun consumo di Olio di lubrificazione manovellismo
- Nessuna contaminazione del gas compresso
- 0 ppm di olio nel gas

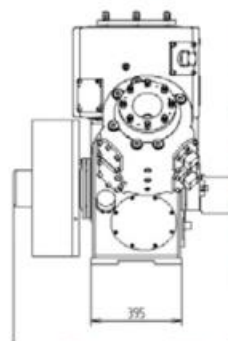
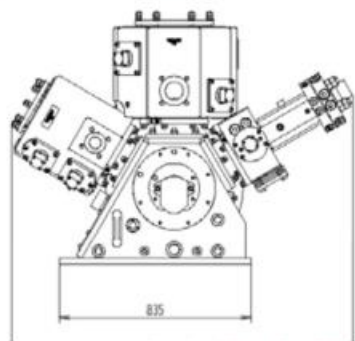
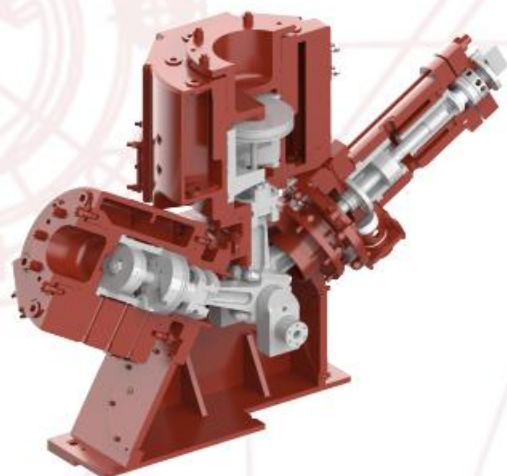


Caratteristiche OIL FREE



NO LUBE

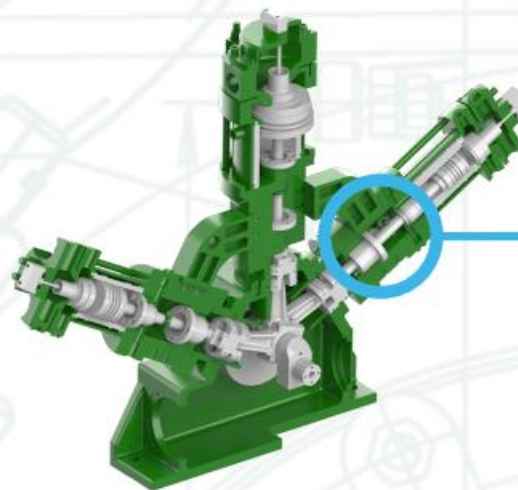
NOT LUBRICATED CONFIGURATION



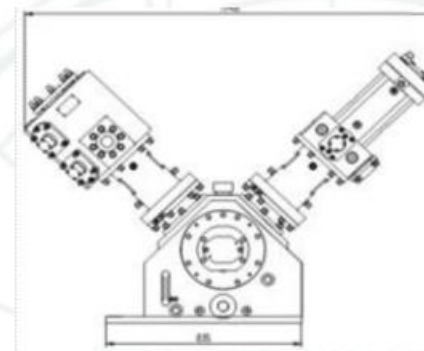
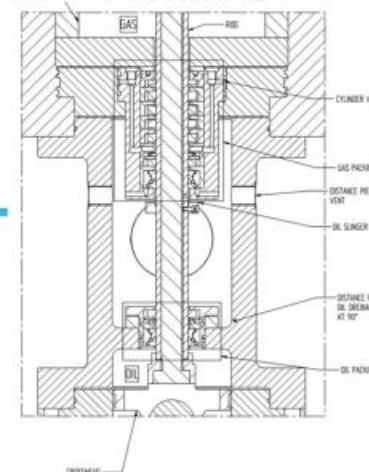
VS

OIL FREE

OIL FREE CONFIGURATION



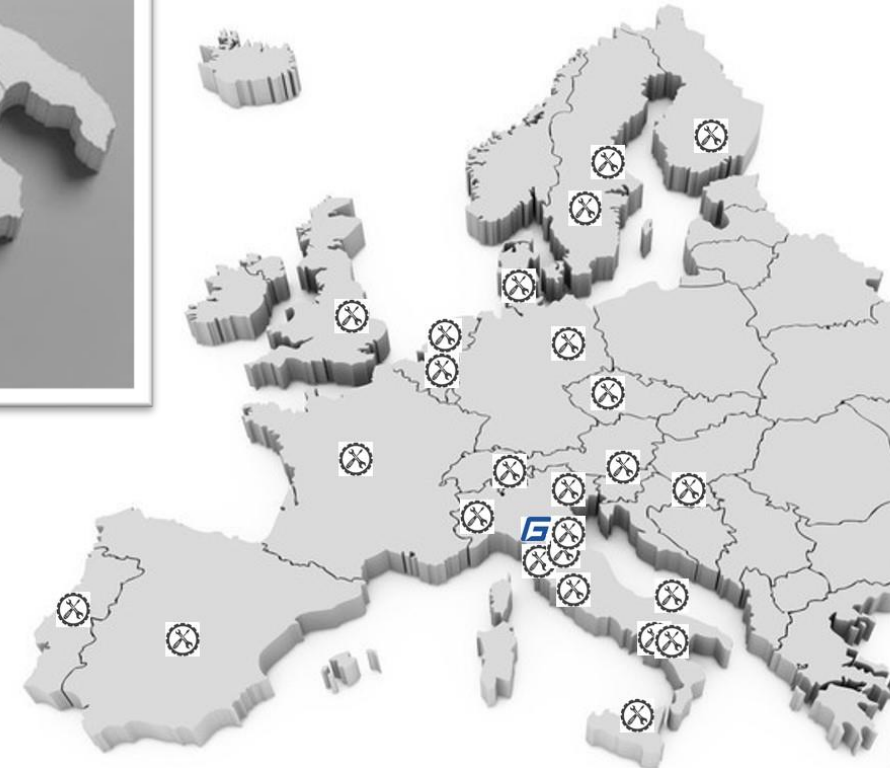
DISTANCE PIECE TYPE B



SERVICE

Dipartimento interno di Service
con 18 persone dedicate

- Gestione e vendita Spare Parts
- Commissioning & Start-up
- Controllo da Remoto
- Gestione contratti manutenzione
- Interventi in campo
- Technical Training
- Service center formati su tutto il territorio Italia e in Europa



BIOMETHANE

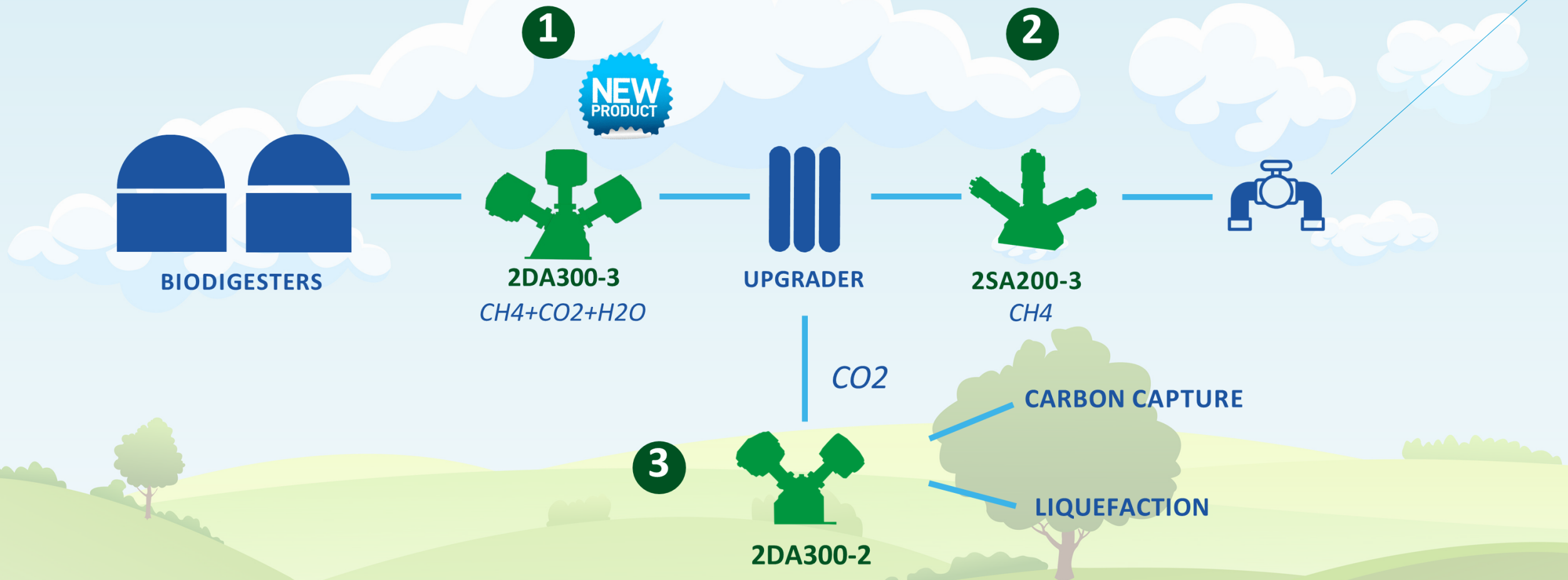


Esperienze nel BioMetano e CO₂

- Biogas Pre-Upgrading
- Bio-Methane Gas Injection
- Bio-CNG (carri bombolai e auto cisterne)
- Bio-LNG Liquefaction
- CO₂ Liquefaction



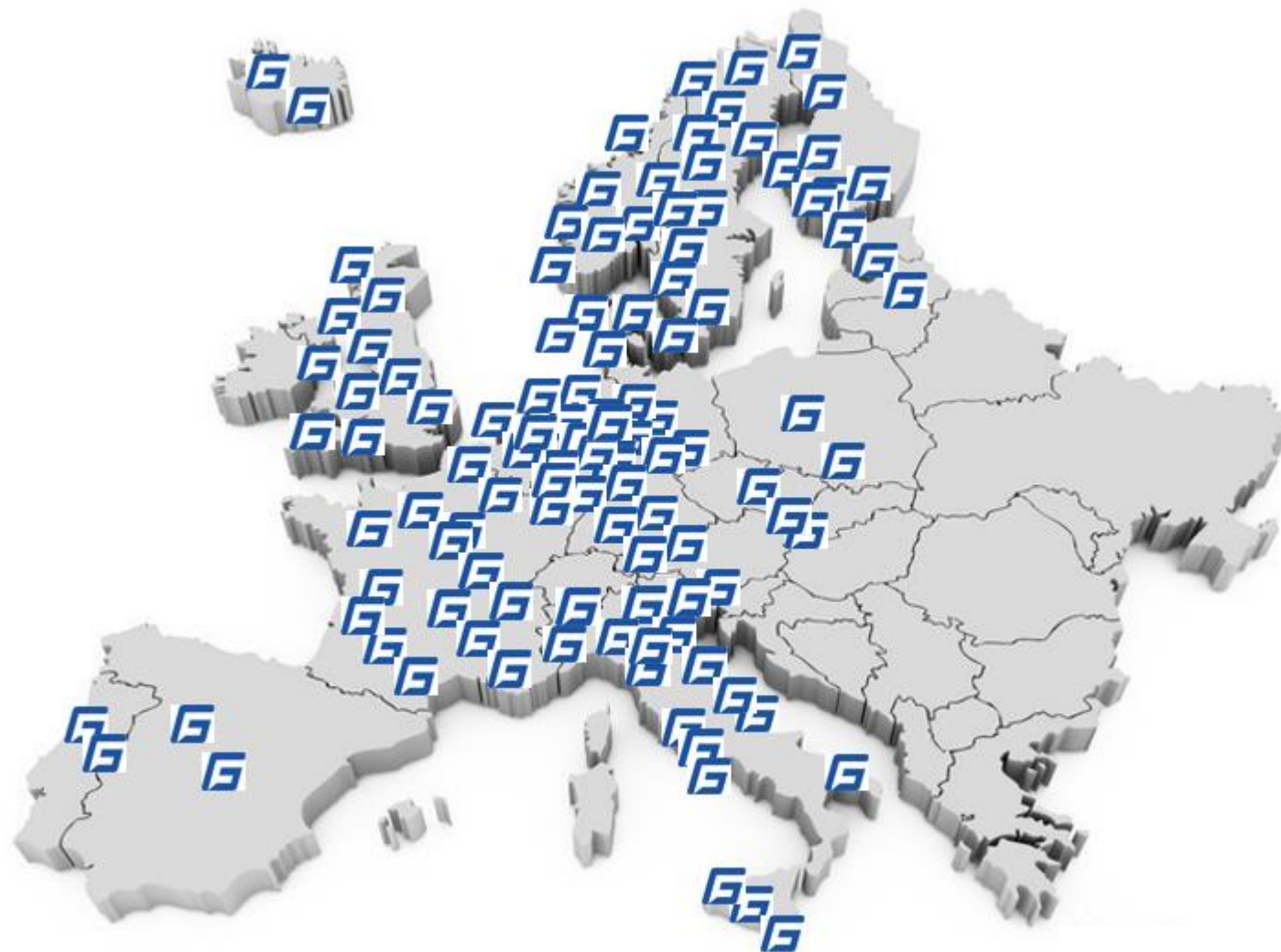
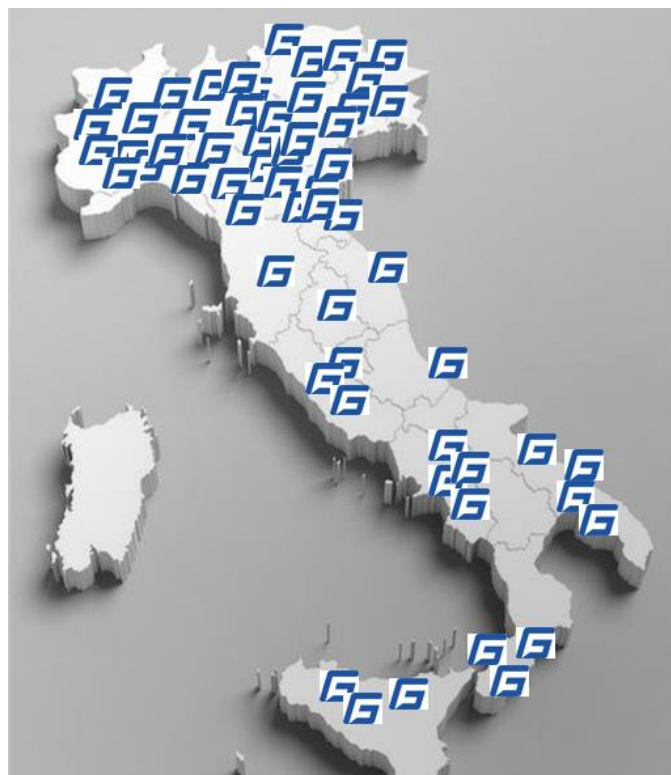
BIOMETHANE PLANT



INSTALLAZIONI IN TUTTA EUROPA

Più di 340 compressori in tutta Europa per Biometano e CO₂

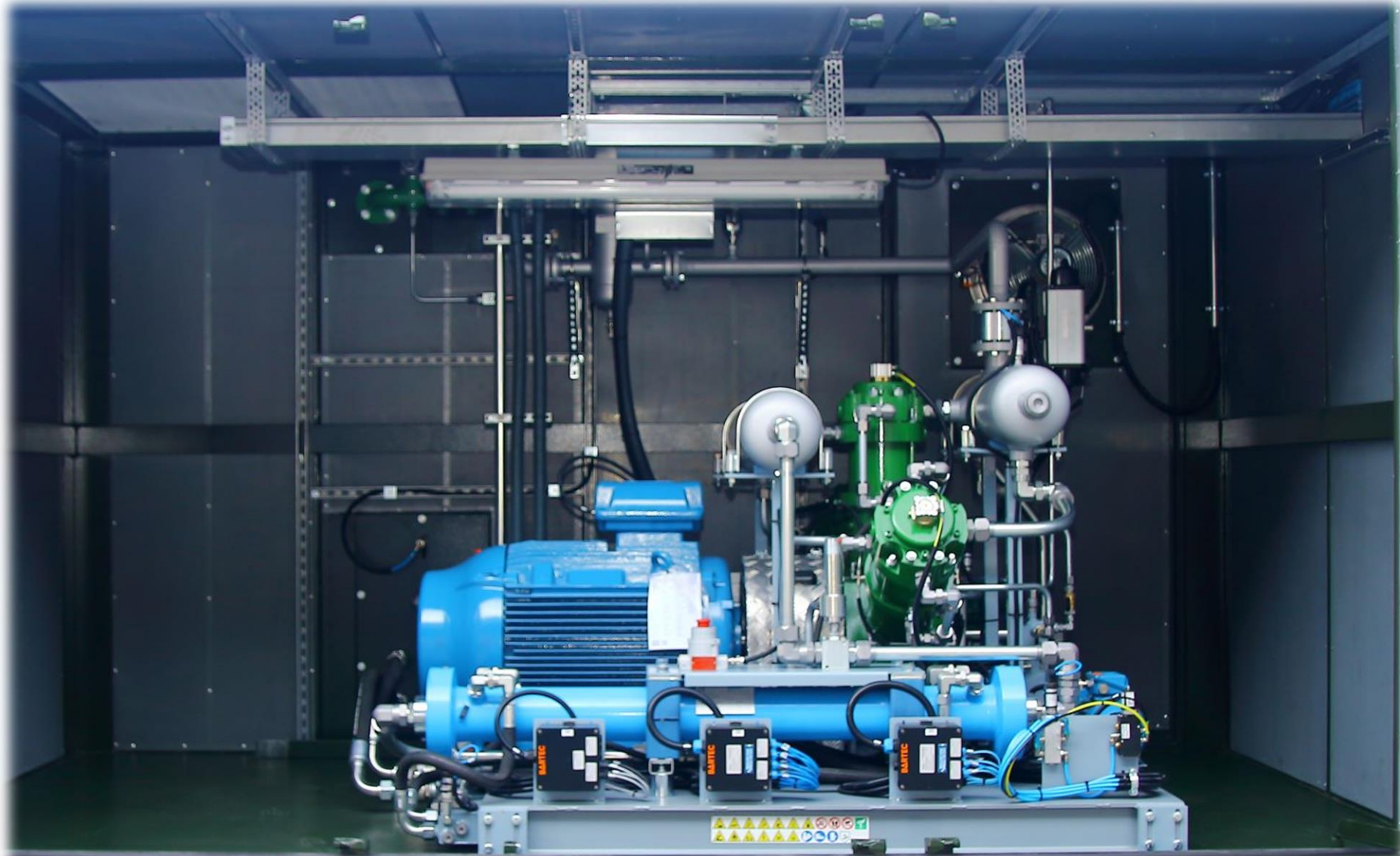
75 compressori in tutta ITALIA
per Biometano e CO₂



DA300



SA200



CABINATI

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Aggiungere un piè di p

REALIZZAZIONI – Gas Injection



Pipeline gas injection

- SA200 OIL FREE
- Pin: 9-14 barg
- Pout: 24barg
- Flow: 500 m3/h



Az. Agricola Bagnod (TO)

REALIZZAZIONI – Gas Injection



Pieve Ecoenergia (CR)

Pipeline gas injection

- SA200 OIL FREE
- Pin: 9-14 barg
- Pout: 24barg
- Flow: 850 m³/h



REALIZZAZIONI – Gas Injection



Fertitalia (VR)



Pipeline gas injection

- SA200 OIL FREE
- DA300 OIL FREE
- Pin: 9-14 barg
- Pout: 24barg
- Flow: 350 m3/h
- Flow 650 m3/h

REALIZZAZIONI – Gas Injection



Pipeline gas injection

- DA300 OIL FREE
- Pin: 12-14 barg
- Pout: 55barg
- Flow: 650 m3/h
- **53dBA@1mt**



Biorg Hera Spilamberto (MO)

REALIZZAZIONI – Gas Injection

Pipeline gas injection

- DA300 OIL FREE
- Pin: 6-8 barg
- Pout: 25barg
- Flow: 900 m³/h
- **70dBA@1mt**



Distillerie Mazzari (RA)

REALIZZAZIONI – Gas Injection



Pipeline gas injection

- SA200 OIL FREE
- Pin: 12 barg
- Pout: 55barg
- Flow: 550 m3/h



La Contarina (TV)

REALIZZAZIONI – Gas Injection



Pipeline gas injection

- SA200 OIL FREE
- Pin: 12 barg
- Pout: 24barg
- Flow: 250/300 m3/h



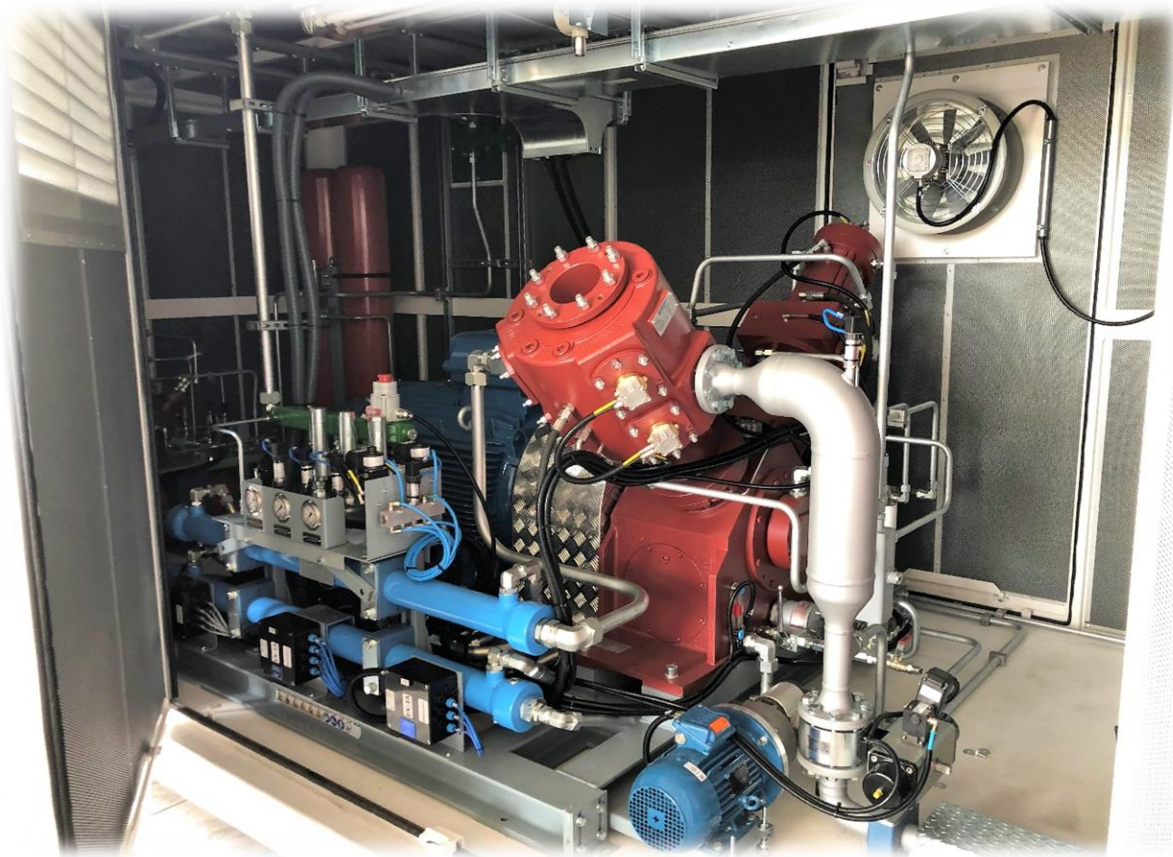
Coop. La Speranza (TO)

REALIZZAZIONI – Bio-CNG



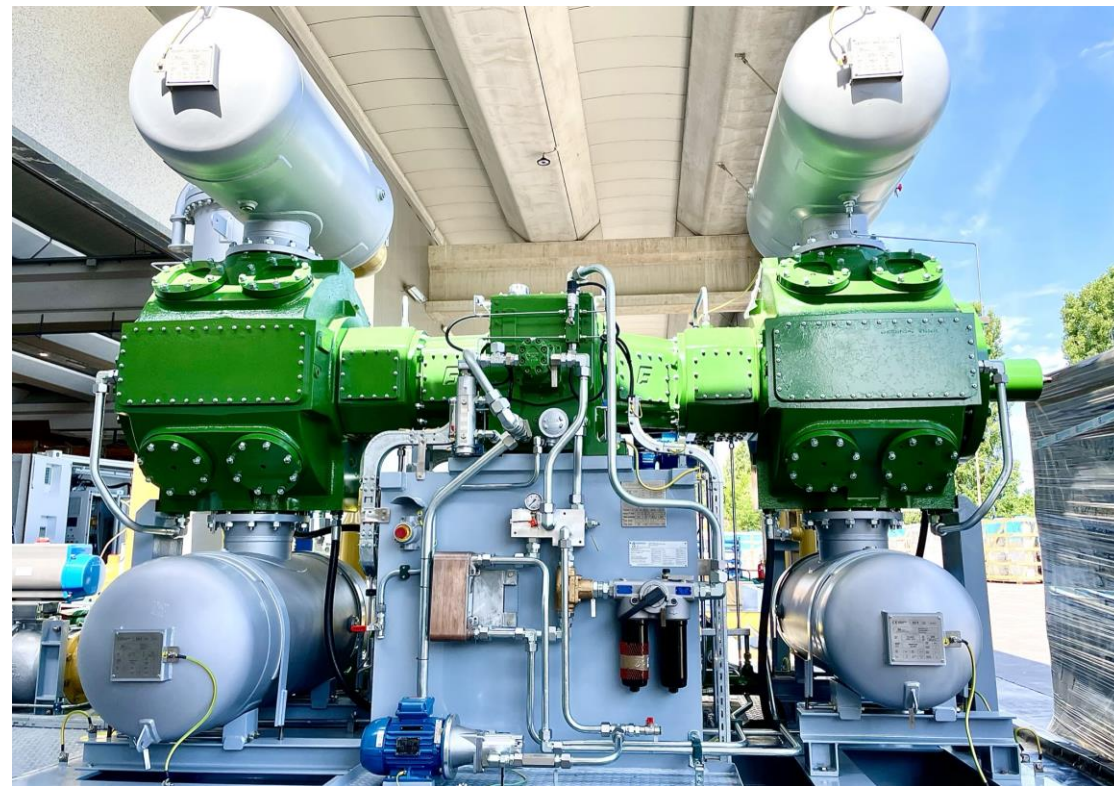
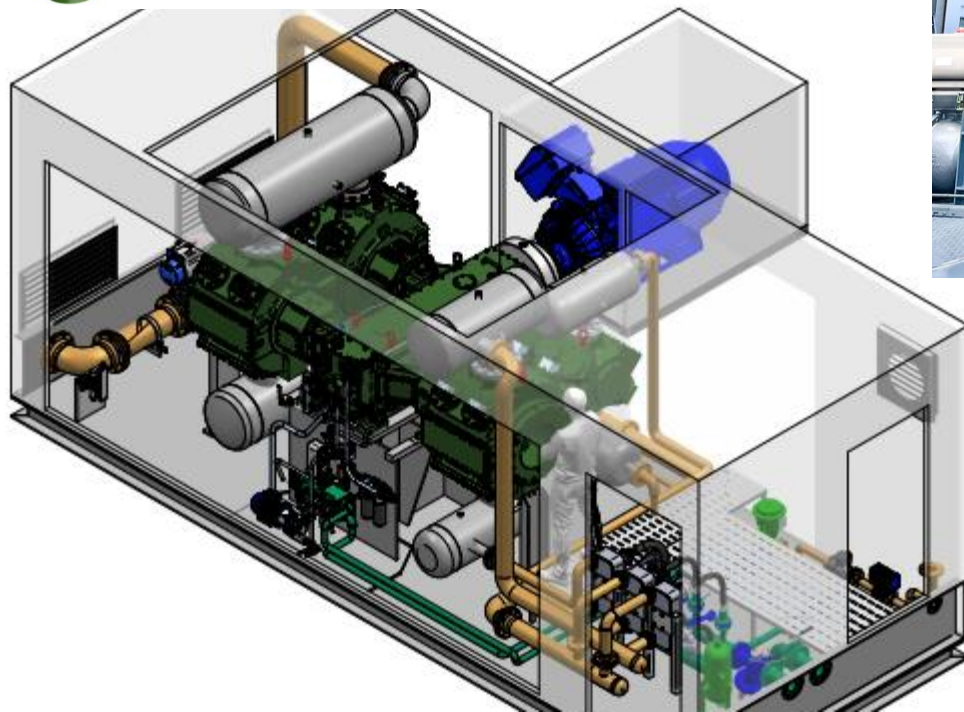
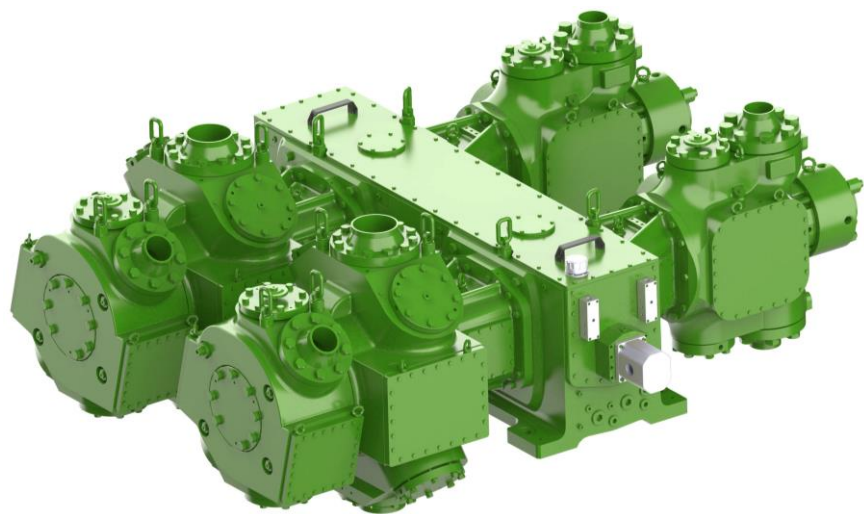
Biometano Carica Carri Bombolai

- DA300 Oil Free
- Pin: 7 barg
- Pout: 220 barg
- Flow: 600 m³/h



Soc. Agr. Assoro Biometano (EN)

REALIZZAZIONI – Gas Injection



Pipeline gas injection

- DA500 OIL FREE
- Pin: 0,3 barg
- Pout: 24barg
- Flow: 2.600 m3/h

REALIZZAZIONI Bio-LNG



Biometano Liquefazione 2,5T/day

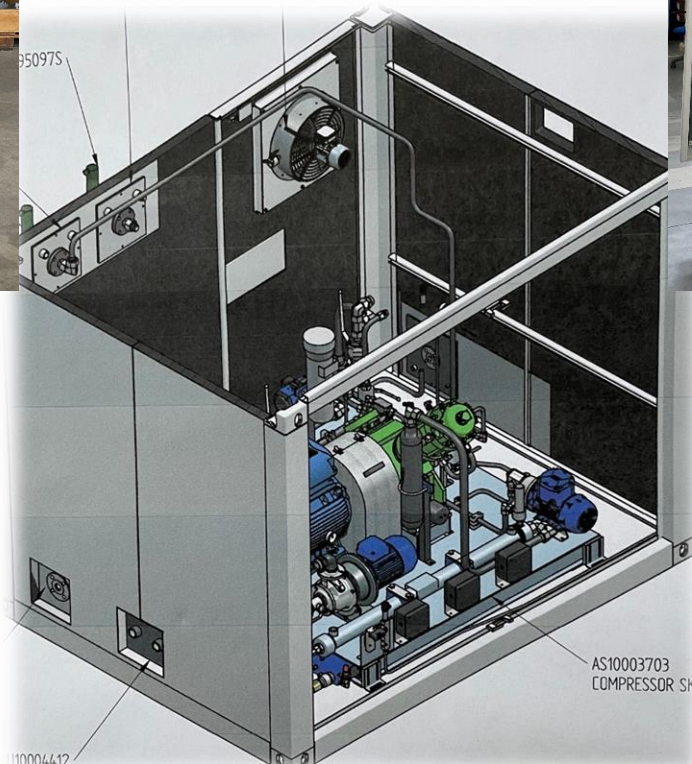
- DA300 Oil Free
- Pin: 14 bara
- Pout: 110 bara

REALIZZAZIONI Bio-CO2 Liquefaction



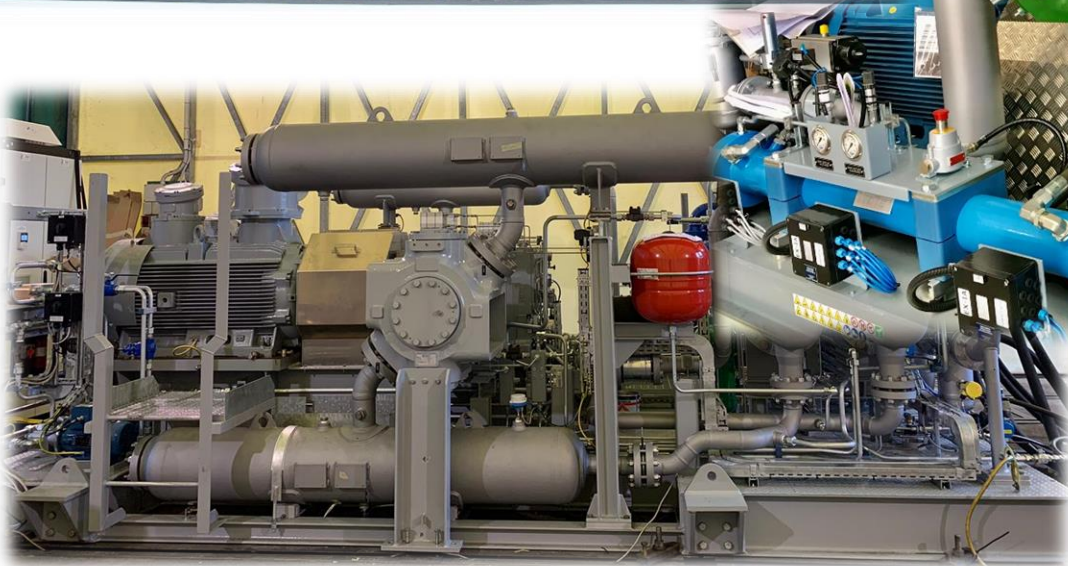
Bio-CO2 Liquefazione 4T/day

- SA200 Oil Free
- Pin: 14 barg
- Pout: 30 barg



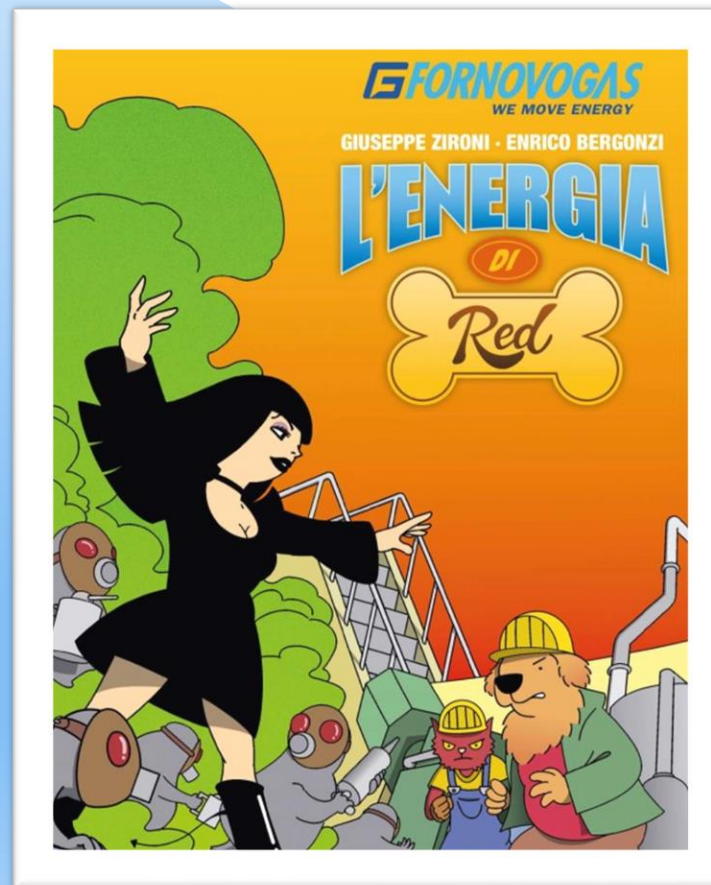
REALIZZAZIONI

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THANK YOU FOR YOUR ATTENTION

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