

COMPANY PRESENTATION

Date: April 2019



International West Technology Transfer Co.

Exclusive Representative & Sole Distributor In Iran

# COMPANY OVERVIEW

In business since 1995

70 employees and 4000 m2 of workshop

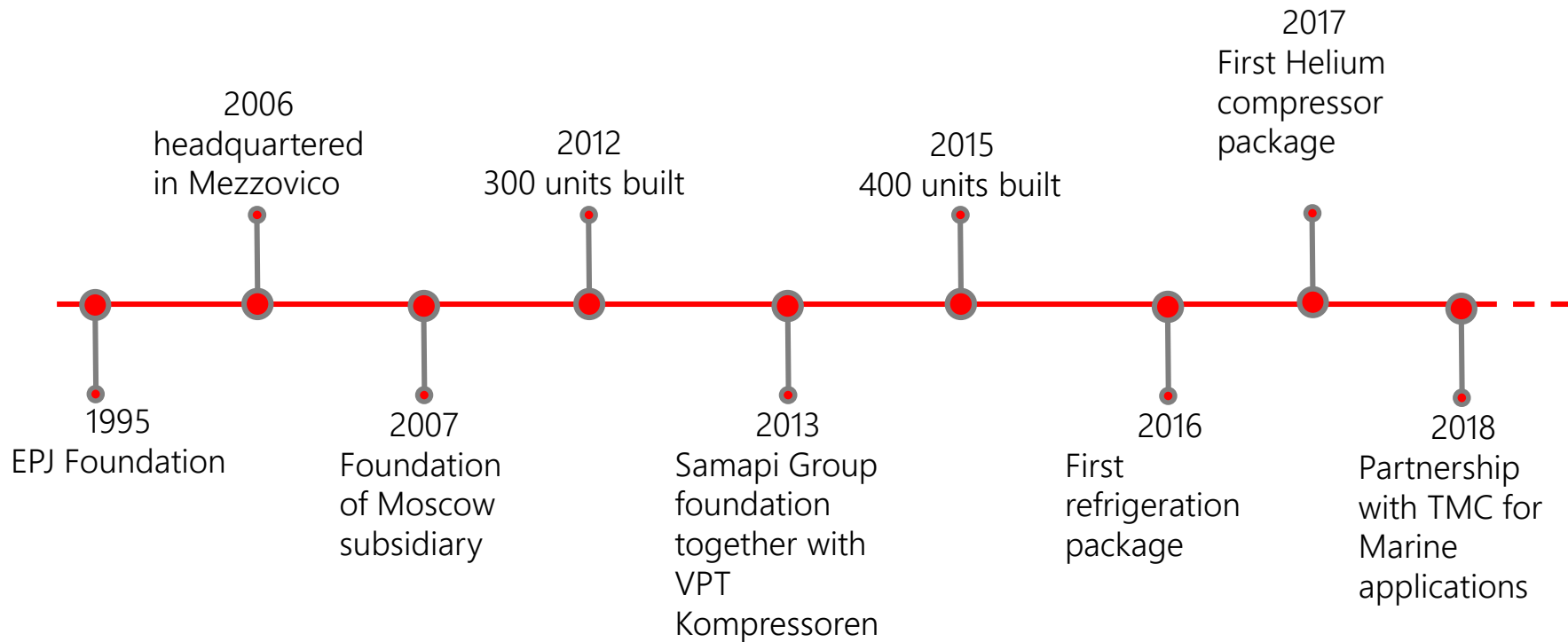


Certified ISO 9001

Certified D&B Bisnode



# COMPANY TIMELINE





# HEADQUARTER



● MEZZOVICO - SWITZERLAND



# PRESENCE IN EUROPE

UK - Services

POLAND - Sales & Services

GERMANY - Sales & Services

SWITZERLAND - Headquarter

HUNGARY - Services

SPAIN - Sales

# PRESENCE WORLDWIDE



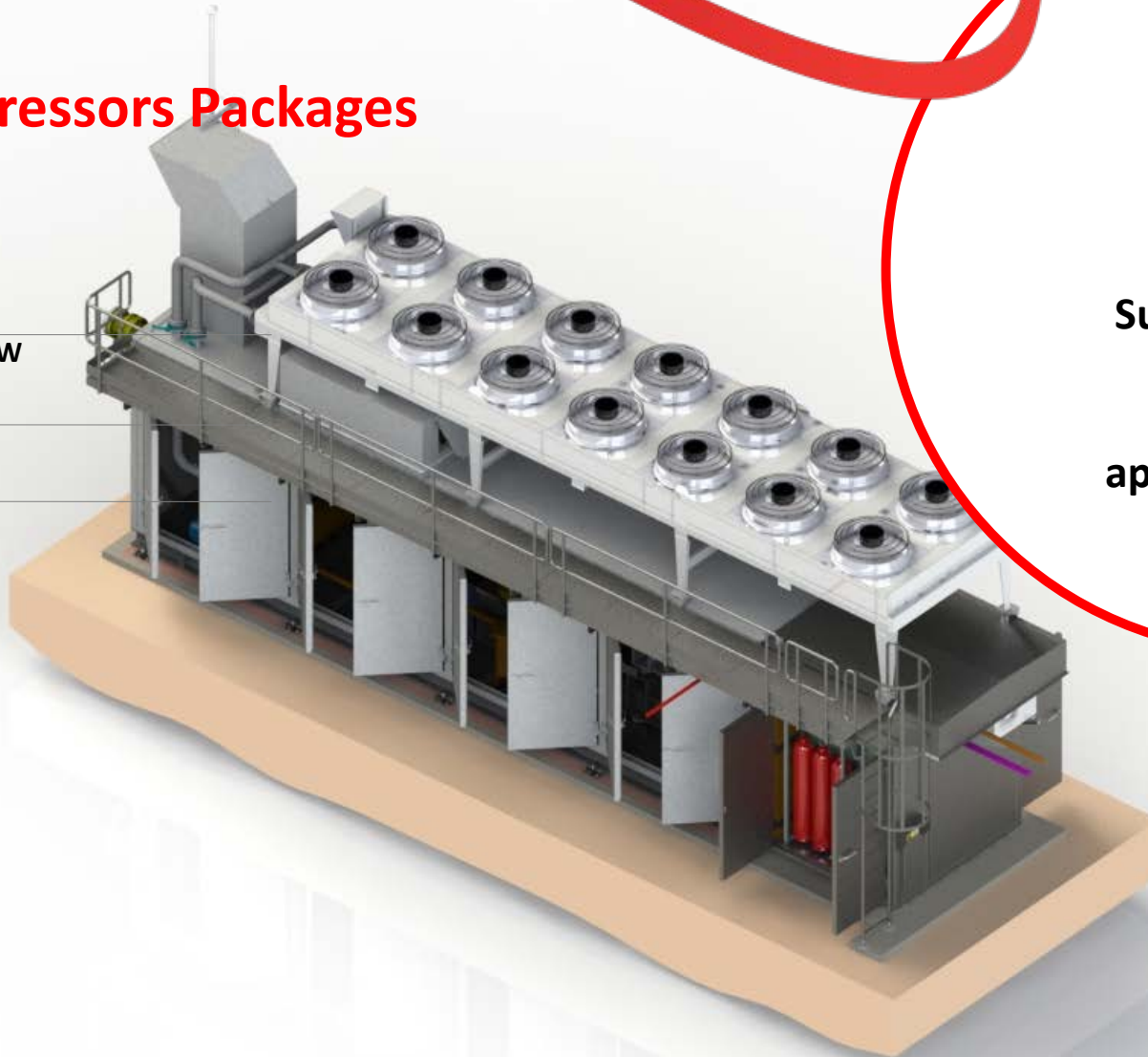
# CORE BUSINESS

## Gas Compressors Packages

OIL INJECTED SCREW

RECIPROCATING

ROTARY VANE



## SKILLS

Know How

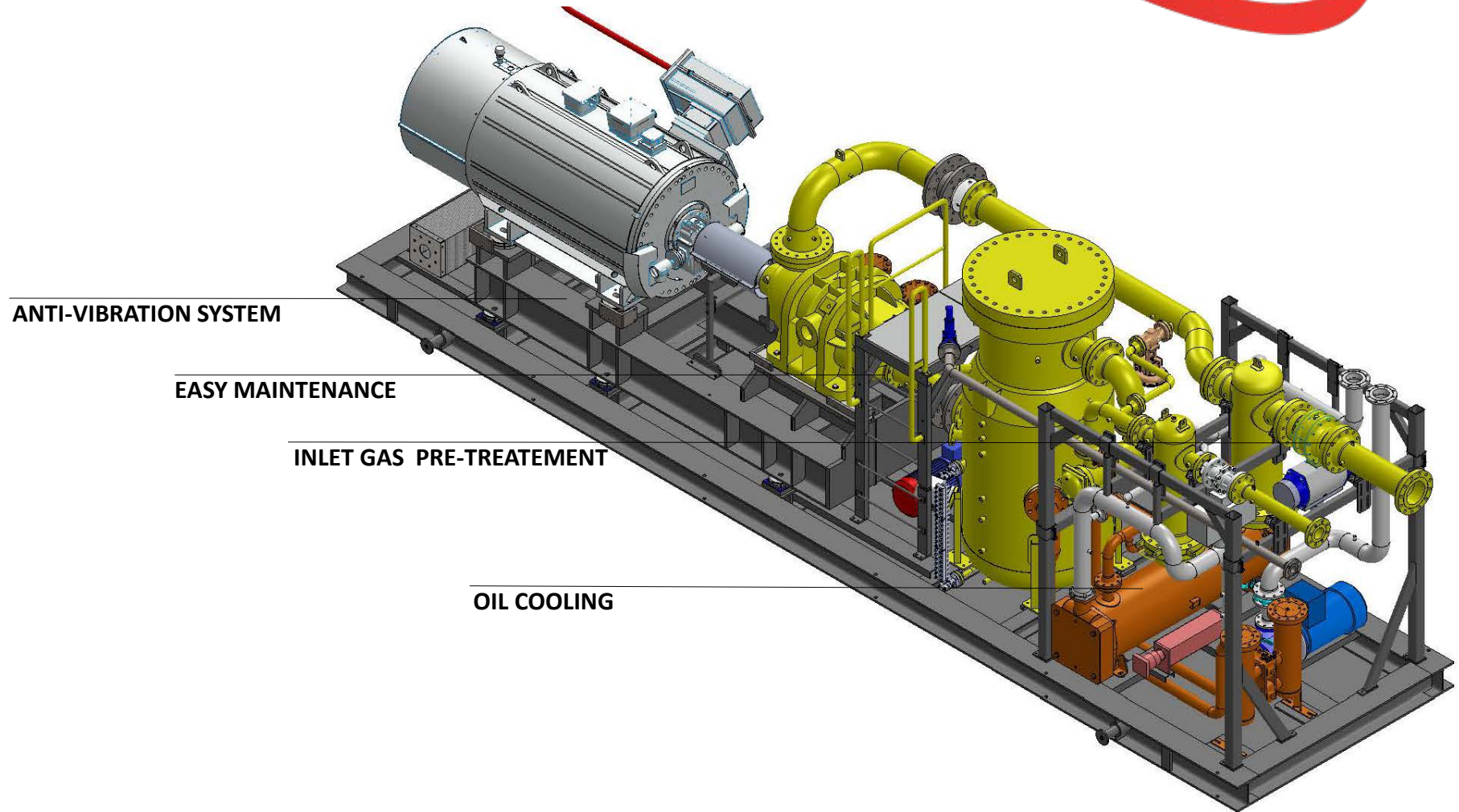
Standards

Supply Related  
Equipment

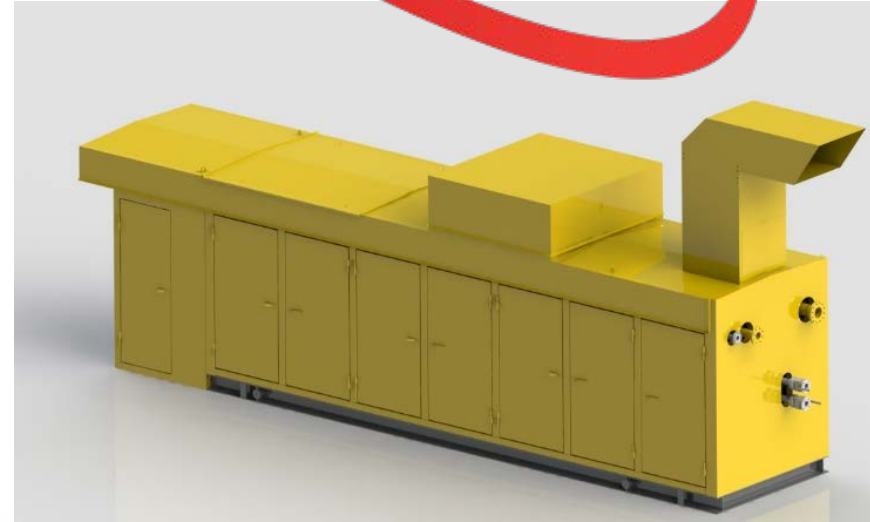
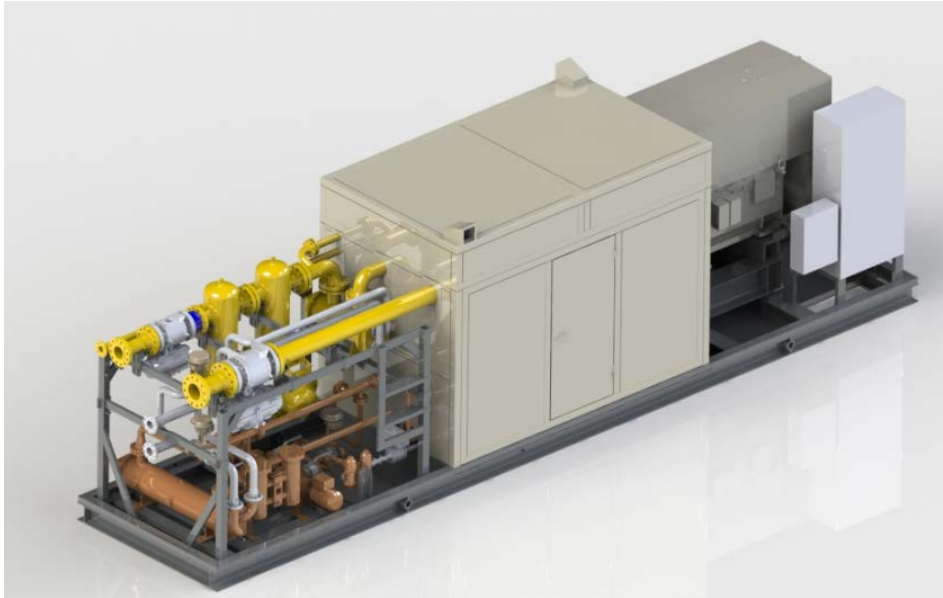
application fields



# PACKAGE CONFIGURATION



# PACKAGE CONFIGURATION



# APPLICATION FIELDS



## OIL & GAS

- ❑ BOIL-OFF
- ❑ GAS GATHERING
- ❑ FLARE GAS RECOVERY
- ❑ LNG PRODUCTION
- ❑ CUSTOMIZED SOLUTIONS
- ❑ OFFSHORE APPLICATIONS



## POWER GENERATION

- ❑ GAS ENGINE BOOSTERS
- ❑ GAS TURBINE BOOSTERS
- ❑ GAS MIXING UNITS
- ❑ PEAKING LOAD UNITS
- ❑ GAS STATION



## REFRIGERATION

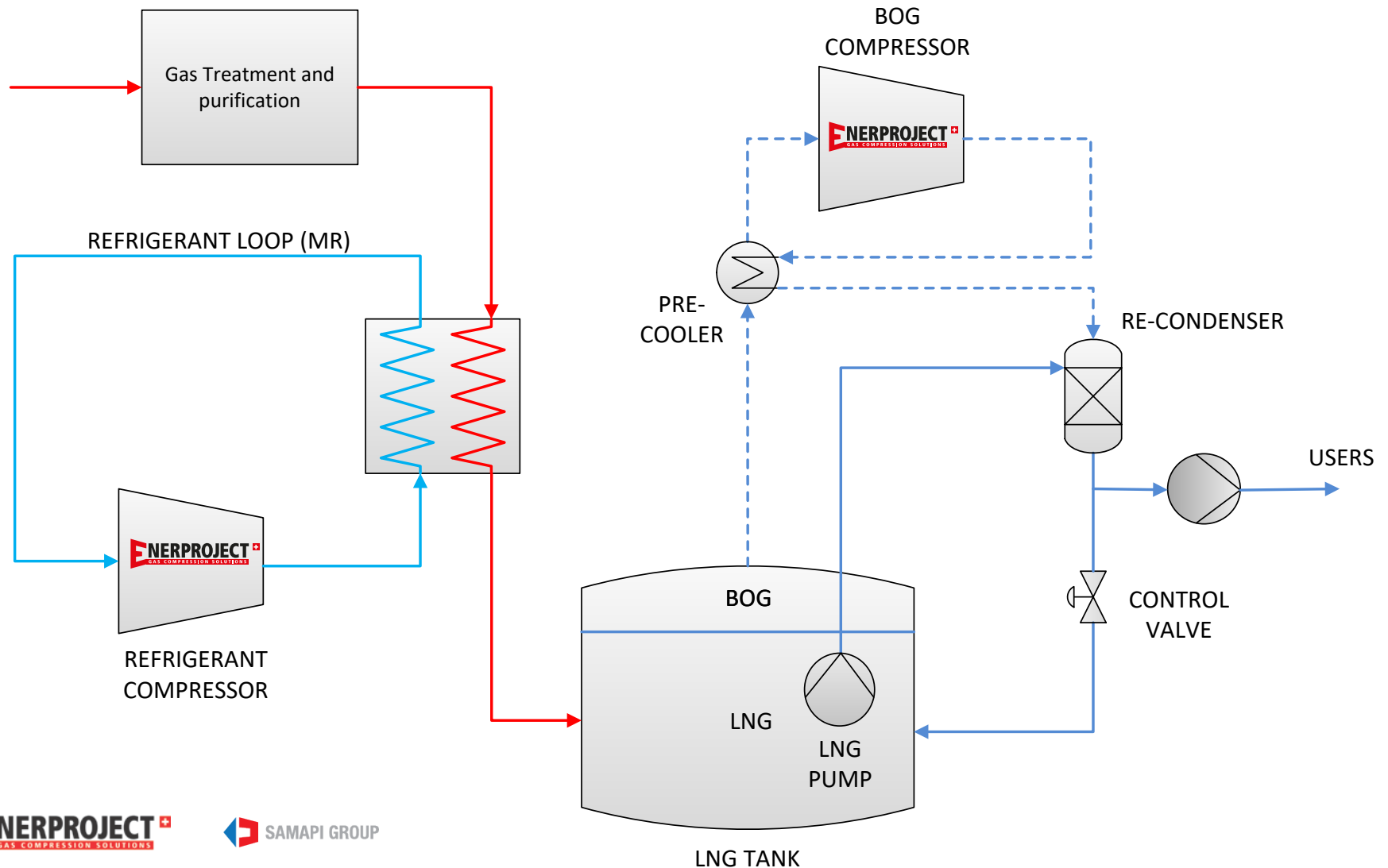
- ❑ PROCESS COOLING
- ❑ LNG PRODUCTION
- ❑ AMMONIA TANK FARM
- ❑ REFRIGERATION COMPRESSOR
- ❑ HYDROCARBON RECOVERY
- ❑ WATER CHILLING

# SPECIFIC APPLICATION FOR LNG

## GAS COMPRESSORS

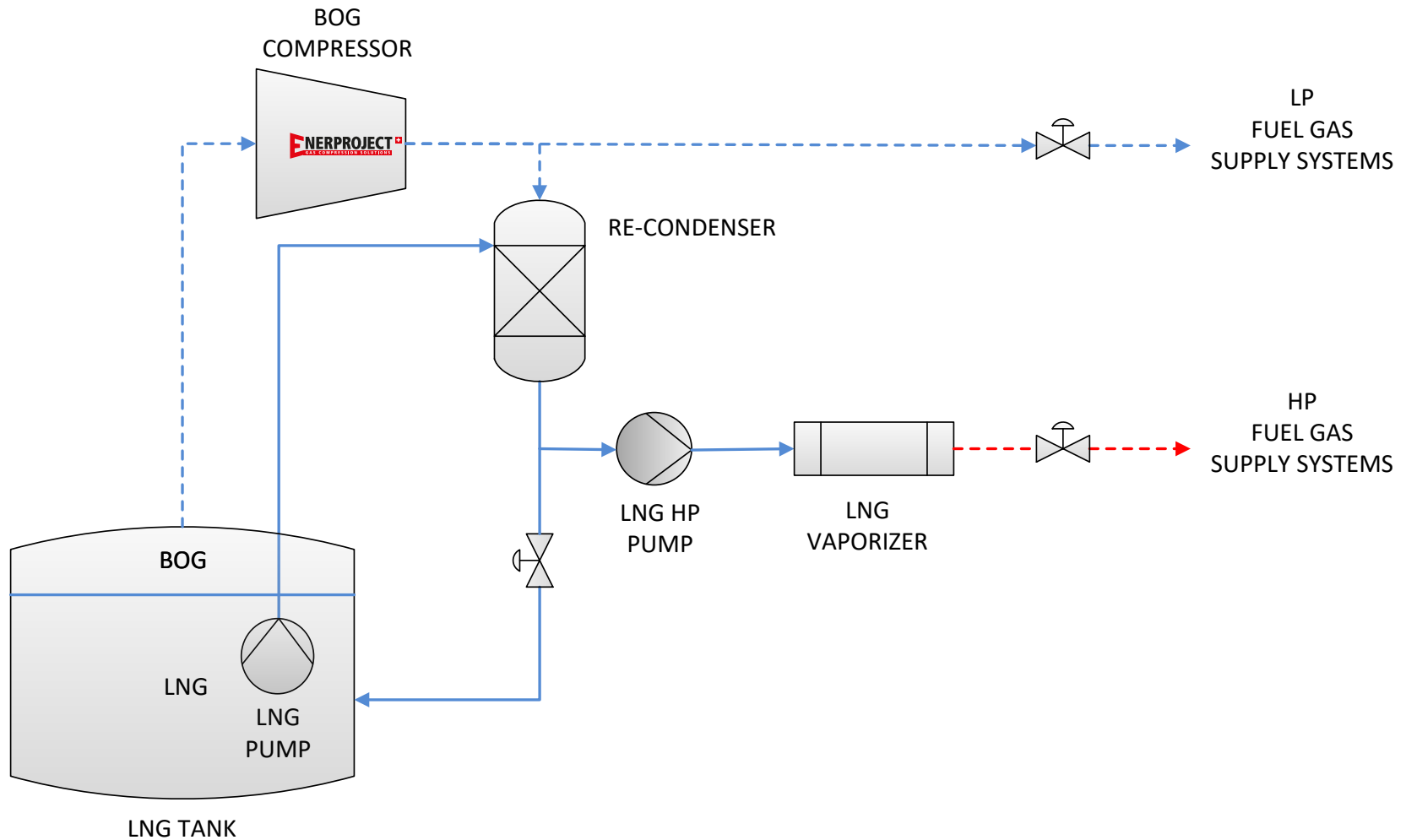
- LNG liquefaction (MR)
- LNG carrier Fuel Gas Supply System (FGSS) LP / HP
- LNG carrier Re-liquefaction (LNGRS)
- LNG Floating Storage Re-gasification Unit (FSRU)
- LNG Bunkering ship
- LNG Powered Container Ship (LFCS)
- LNG Receiving Terminal

# TYPICAL APPLICATIONS FOR BOG OR REFRIGERANT COMPRESSOR





# TYPICAL APPLICATIONS FOR BOG



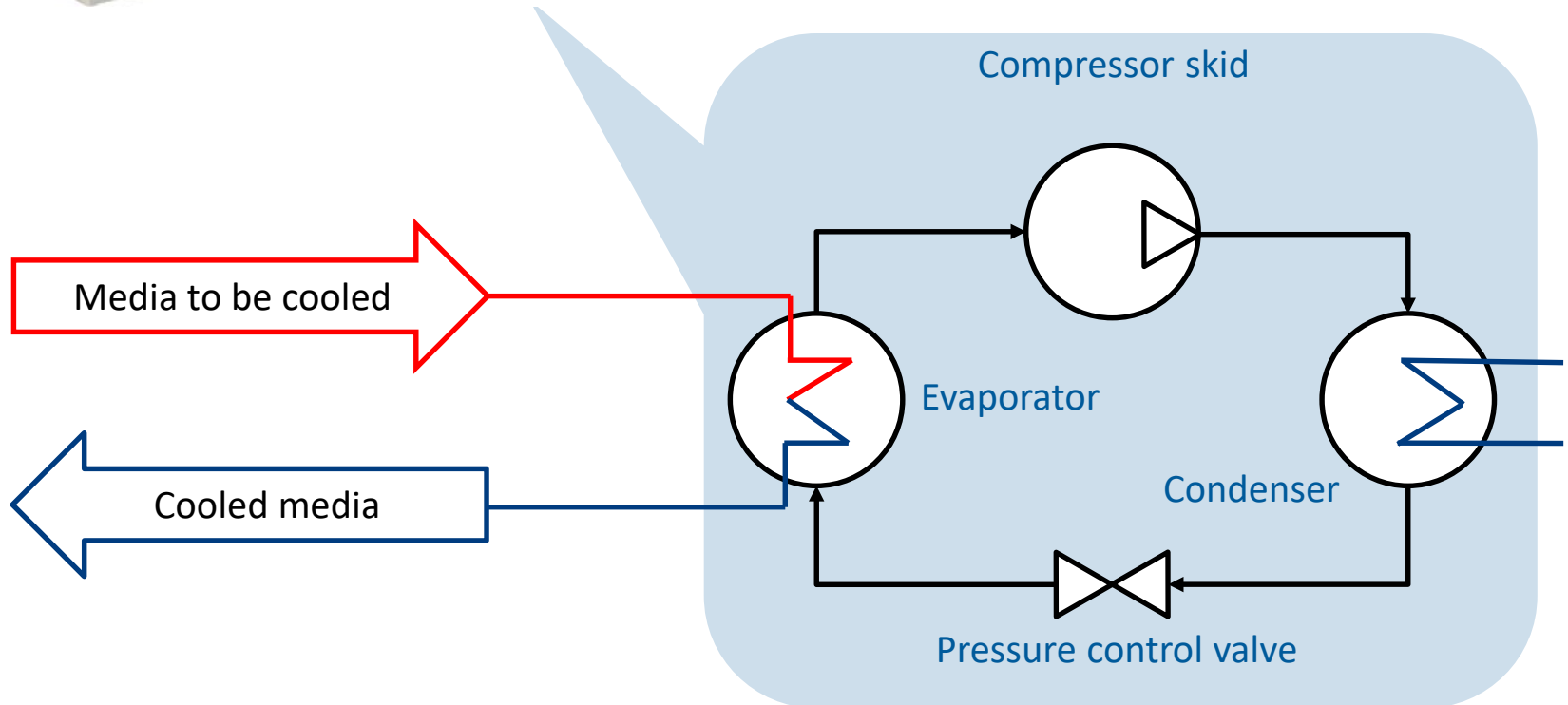
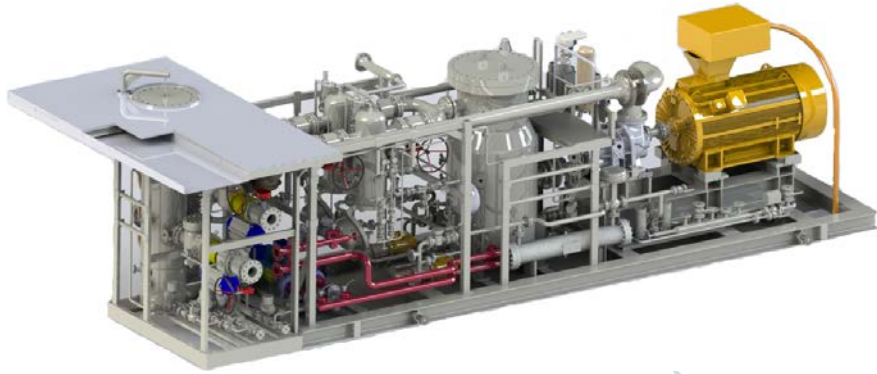
# ANTI VIBRATION MOUNT

When needed, three or four mounting points are used to cope rotational and bending movements and to suppress vibration transmitted by the driven machinery.



NOTE: The elastomeric components are maintenance free. Life time 25 years

# TYPICAL REFRIGERATION UNIT



# STANDARDS & CERTIFICATIONS



**Other used:**  
DOSH, BS, CSA,  
JIS,...



# STRENGTH'S POINTS



HIGH QUALITY

HIGH FLEXIBILITY

EVOLUTION AND OPTIMIZATION

TECHNICAL SUPPORT WORLDWIDE



# OUR CLIENTS

## **TURBINE CONSTRUCTORS**

(Siemens, BHGE, Rolls Royce, Solar Turbines,...)

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## **TURBINE PACKAGERS**

(Solar Turbines, Centrax, Kawasaki,...)

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## **END USERS**

(Nestlé, Kraft Food, Ferrero, GlaxoSmithKline, Sedalcol, HERA,...)

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## **EPC CONTRACTORS**

(Renaissance, ENKA, Calik Energy, Toyo, LINDE, Toshiba, Shinryo, Jurong, TTCL, Sterling & Wilson, Cegelec, Posco, ...)

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## **OIL INDUSTRIES**

(ADGAS , Lukoil, Surgutneftegas, Gazpromneft, Naryanmarneftegas,...)

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# BHGE RELATIONSHIP

- In 2015 we became approved Supplier of GE Power & Water. Our number K76448-101
- In 2017 we became Authorized packager of BHGE high speed reciprocating compressors.

## REFERENCES:

- 2 UNITS: EGS-S-140/1400 WA TERMOYOPAL COLOMBIA
- 1 UNIT EGS-S-40/450 W HALLE GERMANY
- OTHER 86 UNITS INSTALLED UPSTREAM GE GAS TURBINES



GE Oil & Gas Compression Systems, LLC

16250 Port Northwest Drive  
Houston, Texas, USA 77041

Scott Nolen  
+1 (832) 954-0013  
scott.nolen@ge.com

Subject: ENERPROJECT is an authorized packager of GE Oil & Gas

### To Whom It May Concern

GE Oil & Gas is one of the largest reciprocating compressor manufacturers worldwide. More than eighteen thousand GE compressors are in the field for various applications, including CNG.

We further confirm that Enerproject SA, having office in Via Cantonale, Mezzovico, 6805, Switzerland, is our authorized channel partner for packaging our Reciprocating Compressors, authorized service provider (ASP) and value added reseller for spare parts. We have evaluated their technical / engineering capabilities and audited their facilities for packaging our compressors prior to making the agreement of channel partnership.

We will support Enerproject SA regarding any their Bid to submit their compressor package & GE bare Compressor offering. GE will warrant the performance of the compressors and corresponding compressor spare parts being supplied through Enerproject SA. All the commercial compliances such as Bid security, ABG, PBG will be provided by Enerproject SA.

We further confirm that we will provide the technical service support and supply spare parts for all of our compressors for the next 10 years.

Sincerely,  
Scott Nolen

A handwritten signature in black ink, appearing to read 'Scott Nolen'.

General Manager, Equipment



# CUSTOMER SERVICE

## CONCEPT

**MAINTENANCE**

**EXTENDED  
SERVICE**

**LOCAL  
PERSONNEL**

**QUICK  
REACTION**

**CUSTOMER  
SATISFACTION**

# CHAIN MANAGEMENT



# CASE STUDY #2

## Amati Bangkadi at B. Grimm BIP Power Limited, Thailand

Supply of three gas fuel boosters (2+1standby) to supply gas to 2 gas turbines model GE LM6000

<i>Medium</i>	<b>Natural gas</b>
<i>Year</i>	2013
<i>Inlet pressure</i>	17 bar
<i>Discharge pressure</i>	52.5 bar
<i>Rated power</i>	880 kW
<i>Compressor model</i>	EGSI-S-90/880 W





# CASE STUDY #3

## Gulf JP at Nong Khae Industrial Estate, Thailand

Supply of six gas fuel boosters to supply gas to 6 gas turbines model Siemens SGT-800

<i>Medium</i>	<b>Natural gas</b>
<i>Year</i>	2011
<i>Inlet pressure</i>	23.5 / 10.5 bar
<i>Discharge pressure</i>	30.5 / 30.5 bar
<i>Rated power</i>	200 / 750 kW
<i>Compressor model</i>	4 x EGSI-S-60/200 W / 2 x EGSI-S-120/700 W



# CASE STUDY #6

## Talakanskoe oil field at Republic Sakha-Yakutia, Russia

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Supply of two gas fuel boosters for gas gathering  
(pipeline)

<i>Medium</i>	<b>Associated gas</b>
<i>Year</i>	2015
<i>Inlet pressure</i>	0 bar
<i>Discharge pressure</i>	6 bar
<i>Rated power</i>	500 kW
<i>Compressor model</i>	EGSI-S-400/500 WA



# CASE STUDY #9

## Yuzhno-Nyuryskoe at Surgut, Russia

Supply of two gas fuel boosters to supply gas to 2 gas turbines

<i>Medium</i>	<b>Associated gas</b>
<i>Year</i>	2015
<i>Inlet pressure</i>	2 bar
<i>Discharge pressure</i>	20 bar
<i>Rated power</i>	600 kW
<i>Compressor model</i>	EGSI-S-160/600 W



# CASE STUDY #10

## Adgas at Das Island, United Arab Emirates

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Supply of two gas fuel boosters (API) to supply gas to 2 gas turbines model GE PG6111

<i>Medium</i>	<b>Associated gas</b>
<i>Year</i>	2014
<i>Inlet pressure</i>	13 bar
<i>Discharge pressure</i>	25.6 bar
<i>Rated power</i>	500 kW
<i>Compressor model</i>	EGSI-S-115/500 W



# CASE STUDY #14

## Solar Turbines EAME at Zebrak, Czech Republic

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Supply of two gas fuel boosters (2+1standby) for test bench of gas turbines

<i>Medium</i>	<b>Natural gas</b>
<i>Year</i>	2015
<i>Inlet pressure</i>	17 bar
<i>Discharge pressure</i>	38 bar
<i>Rated power</i>	400 kW
<i>Compressor model</i>	EGSI-S-50/400 W

**Solar<sup>®</sup> Turbines**  
***A Caterpillar Company***



# CASE STUDY #15

## Klongluang Utilities Project at Bangkok, Thailand

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Supply of two gas fuel boosters (2+1standby) to supply gas to 2 gas turbines model GE LM6000

<i>Medium</i>	<b>Natural gas</b>
<i>Year</i>	2015
<i>Inlet pressure</i>	21.1 bar
<i>Discharge pressure</i>	44.3 bar
<i>Rated power</i>	1000 kW
<i>Compressor model</i>	EGSI-S-125/1000 W



# CASE STUDY #16

## European Spallation Source - particle accelerator - Sweden

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Supply of 2 Helium compressors packages for Helium refrigeration system

<i>Medium</i>	<b>Helium</b>
<i>Year</i>	2016
<i>Inlet pressure</i>	0.1 bar
<i>Discharge pressure</i>	21.4 bar
<i>Rated power</i>	1200 kW
<i>Compressor model</i>	EGS-S-290/1200 W



# CASE STUDY #17

CERN - European Organization for Nuclear Research - Switzerland

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Supply of one Helium compressors packages for Helium refrigeration system

<i>Medium</i>	<b>Helium</b>
<i>Year</i>	2018
<i>Inlet pressure</i>	0.4 bar
<i>Discharge pressure</i>	18.1 bar
<i>Rated power</i>	1650 kW
<i>Compressor model</i>	EGS-S-700/1650 W



# CASE STUDY #20

## Soorty Garments at Karachi, Pakistan

Rotary Vane Compressor for boil off application

<i>Medium</i>	<b>Natural gas</b>
<i>Year</i>	2012
<i>Inlet pressure</i>	0.07 bar
<i>Discharge pressure</i>	0.7 bar
<i>Rated power</i>	95 kW
<i>Compressor model</i>	EGR-R-200/95 W



# CASE STUDY #21

## Propylene cooling system for an LDPE (Low density Polyethylene) production plant

Oil injected screw compressor for refrigeration for petrolchemical plant

<i>Medium</i>	<b>Propylene</b>
<i>Year</i>	2013
<i>Inlet pressure</i>	0.05 bar
<i>Discharge pressure</i>	17.85 bar
<i>Rated power</i>	1500 kW
<i>Compressor model</i>	EGSI-S-580/1500 W



# CASE STUDY #22

## LNG Terminal Capacity Increase (Boil-Off Gas recovery unit)

3 stages horizontal oil free reciprocating compressor for pipeline distribution

<i>Medium</i>	<b>Natural gas</b>
<i>Year</i>	2017
<i>Inlet pressure</i>	9.7 barg
<i>Discharge pressure</i>	82 barg
<i>Rated power</i>	1100 kW
<i>Compressor model</i>	EGP-T-115/1100 A



# CASE STUDY #23

Sfera LLC (Russia) for plant in Russia

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3 units of screw gas compressor packages for gas turbine operation model Siemens SGT5-2000E

<i>Medium</i>	<b>Natural gas</b>
<i>Year</i>	2018
<i>Inlet pressure</i>	8.5 barg
<i>Discharge pressure</i>	25 barg
<i>Rated power</i>	2850 kW
<i>Compressor model</i>	EGSI-S-610/2850 WA







**Arctic package**

**Large 2 stage package**

