



Innovative (non-) technological solutions related to (bio-) LNG

Report on (non-) technological solutions related to LNG

July 2021



European
Regional
Development
Fund



“The contents of this publication are the sole responsibility of the author[s] and can in no way be taken to reflect the views of the European Union, the Managing Authority or the Joint Secretariat of the Interreg South Baltic Programme 2014-2020.”

Content

1. Introduction.....	6
2. Purpose of the report.....	6
3. List of companies associated with technology regarding LNG.....	8
HEROSE GMBH Armaturen und Metalle	8
FAS - Flüssiggas-Anlagen GmbH	9
Rego Europe	10
Goetze KG Armaturen	11
ELAFLEX HIBY GmbH & Co. KG.....	12
LESER GmbH & Co. KG.....	13
Chart Ferro, a.s.....	14
ASPEN AEROGELS, INC.....	15
Nexans Deutschland GmbH.....	16
Cryotherm GmbH & Co. KG	17
TGE Marine Gas Engineering GmbH.....	18
HPE Hybrid Port Energy GmbH & Co. KG.....	19
Stirling Cryogenics B.V.....	20
Cryostar / Cryostar SAS	21
Gaztransport & Technigaz	22
GESMEX Exchangers GmbH.....	23
Cryonorm B.V.	24
IVECO Magirus AG	25
Volvo Group Trucks Central Europe GmbH.....	26
Scania Deutschland GmbH	27
Vanzetti Engineering S.r.l.	28
KRYTEM Kryotechnische und medizinische Systeme GmbH.....	29
BRUGG Rohrsysteme GmbH.....	30
Swagelok Leipzig Berlin B.E.S.T. Fluidsysteme GmbH	31

WIKA Alexander Wiegand SE & Co. KG	32
KROHNE Messtechnik GmbH	33
Endress+Hauser (Deutschland) GmbH+Co. KG	34
Emerson Automation Solutions.....	35
VEGA Grieshaber KG.....	36
FAFNIR GmbH.....	37
Labom Mess- und Regeltechnik GmbH	38
heco GmbH.....	39
FLABOFORM GmbH	40
NieRuf GmbH.....	41
rff Rohr Flansch Fitting Handels GmbH	42
Rotarex	43
STÖHR ARMATUREN GmbH & Co KG	44
GBP Gas Business Partner GmbH	45
Mann Technik AB.....	46
KLAW Products Ltd	47
Gutteling B.V.	48
Torquemeters Limited.....	49
Heatric UK.....	50
Baker Hughes.....	51
GWC Italia, SpA.....	52
Armacell UK Ltd	53
Advanced Insulation Holdings Ltd.	54
Genstar Technologies Company, Inc	55
Beijing Sinocleansky Technologies Corp.....	56
müller quadax gmbh.....	57
m-tech GmbH	58
Chemet S.A.	59
Salzburger Aluminium AG	60
Air Liquide Global E&C Solutions Germany GmbH.....	61
CRYOTEC Anlagenbau GmbH.....	62
JC Carter LLC.....	63
Flow Instruments & Engineering GmbH.....	64

Alternoil GmbH.....	65
Green Solutions GmbH.....	66
Beijing Sanki Petroleum Technology Co.,Ltd.....	67
Wenzhou BlueSky Energy Technology Co., Ltd.	68
Shandong AUYAN New Energy Technology Co., Ltd	69
ADB Global Sales SL.....	70
ADD SYNERGY INNOVATION SL.....	71
Auguste Cryogenics Germany GmbH	72
Cazgır İnşaat Isı Sistemleri Ticaret ve Sanayi A.Ş.	73
ALBATROSS Tank-Leasing	74
Karbonsan Pressure Vessels and Trading Co.....	75
Valmax Technology Corperation	76
Isisan Isı Sanayi ve Ticaret A.Ş.	77
FIBA Technologies, Inc.....	78
Wessington Cryogenics	79
AIR WATER INC.....	80
CRYOLOR SA	81
Air Products GmbH.....	82
Cryotainer GmbH.....	83
INOX India Pvt Ltd.....	84
Nordsol	85
CRYO PUR	86
DUON Dystrybucja sp. z o.o.....	87
KC LNG.....	88
UESTCO Energy Systems.....	89

1. Introduction

It has never been more imperative in the light of present climate change challenges of the need to speed up the energy transformation and reducing carbon footprints through sourcing alternative fuel which includes LNG and bio-LNG. To strengthen this process there clearly needs to be improved access to all kinds of relevant and related information. The kind of information mean here is, for example, technological solutions, the availability of and access to products and services that can contribute to the aforementioned processes. Because this array of information is located in different places and is thus somewhat fragmented a need has been identified to fill a gap and to provide a resource in one place. Having such a wealth of information in one main place can thus provide potential users with a variety of information concerning what kind of technological solutions exist in terms of products, goods and services. It should also be noted that is intended that the database is not exhaustive and will continue to be “live” whereupon additions (and deletions) will be undertaken on an ongoing basis.

2. Purpose of the report

The purpose of this report is firstly to collect a variety of relevant information and data concerning the existing technology surrounding the usage of LNG as an energy source from across the globe. The data and information that has been collected is diverse in terms of its geographical location as well as the different kinds of services that are provided – from, for example, the provision of small scale equipment such as valves and pipes to the supply of storage tanks and fuelling stations. In the way this database is first of a kind in providing, as it were, a one stop shop for LNG related supplies and equipment. In addition to providing information on the location of suppliers and what exactly is provided by each supplier, a description is given for each entry that is listed as to what benefits their services and/or products can provide as well as the solutions that they can bring to any potentially existing challenges.

This report will contribute to the development of the database within Activity 3.3 “Development of the databank of for the SB area relevant actors with a focus on business” which in the next step will be transferred to the B2B online platform ensuring easy access to the relevant information worldwide. This in turn should give an overview of relevant organisation, players, companies etc as potential members of the B2B platform (Activity 3.4).

It is envisaged that activity 3.6 namely “Developing policy strategic documents on supporting implementation of (bio-)LNG-based solutions.” will be undertaken on the basis of having developed the database of providers, suppliers, manufacturers etc as outlined above as well as through the said providers advising and offering expert advice that would, in turn, inform the development of such



strategic policy documents. The policy strategic documents will also be drafted on the basis of any regional framework inputs, any consultations that are deemed necessary, through potential task forces and any local and regional research, though relevant decision making processes etc as appropriate. Moreover, it should be noted that this information is also necessary to implement activity 3.7 “Development of business model scenarios based on a cross-border B2B platform”

3. List of companies associated with technology regarding LNG

Company Name: HEROSE GMBH Armaturen und Metalle	
Product/intervention/action: Valves, fittings	Objective(s): Cryogenic valves, safety valves, industrial fittings
Description: HEROSE provides safety around the world for the handling of technical gases, steams and liquids. With 140 years experience in the development, manufacture and sale of valves with a high level of innovation and modern production with certified quality management.	
Address: Elly-Heuss-Knapp-Straße 12 23843 Bad Oldesloe	
Contact person: Maikel Malki	Phone: +49 4531/509 165 +49 151-657 27 811
E-Mail: maikel.malki@herose.com	Website: https://www.herose.com/
Further information / references / web links: They have developed, e.g. an innovative valve generation for use in extreme temperatures between -270° C and +400° C, special valves for air separation and valves for the liquefaction of natural gas (LNG). <ul style="list-style-type: none"> • Fittings and valves for cryogenic technology • Fittings and valves for small-scale LNG applications https://www.herose.com/eng/products/cryogenic-services/choice-cryogenic-valves.php	

Company Name: FAS - Flüssigas-Anlagen GmbH	
Product/intervention/action: Cryogenic Equipment	Objective(s): Regasification, Refueling, Tanks, Fittings, Valves, Pumps
Description: With over 40 years of corporate history and their international team, they make their contribution to independent and secure energy supply. Environmentally friendly solutions in LNG, LPG and CNG plants (petrol stations, industry, municipalities) are developed by professional staff. The sustainable and very effective partnership with the market leaders in pumps, compressors and measuring technology enables us to realize the highest demands on energy efficiency.	
Address: Peiner Straße 217 38229 Salzgitter	
Contact person: Juri Falk	Phone: +49 (0) 5341 8697 -47
E-Mail: j.falk@fas.de	Website: https://www.fas-engineering.de
Further information / references / web links: They sell their own products but also act as a distributor for non-European companies that manufacture solutions for LNG.	

Company Name: Rego Europe	
Product/intervention/action: LNG equipment	Objective(s): Valves, Safety Valves, Regulators, Receptacles, Fueling Nozzles
<p>Description: With the world increasing its focus on alternative fuels, RegO is proud to offer the most advanced equipment for Liquefied Natural Gas vehicle applications. They are the number one valve supplier for the vastly growing LNG market. RegO provides our customers with the highest quality product through our international distribution network and regional offices in Latin America, Europe & Asia. With four state-of-the-art manufacturing facilities in North Carolina, we are constantly expanding our product lines to meet the needs for the emerging LNG market.</p>	
<p>Address: Industriestrasse 9 35075 Gladenbach</p>	
Contact person:	Phone: +49 6462 9147 10
E-Mail: info@rego-europe.de	Website: http://www.regoproducts.com/lng/
<p>Further information / references / web links: RegO is one of the main supplier of the fueling nozzle and receptacle used in LNG fuel stations.</p>	

Company Name: Goetze KG Armaturen	
Product/intervention/action: Safety Valves	Objective(s): Pressure control valves, safety valves, fittings
Description: The competence of Goetze KG Armaturen has been in demand for 70 years. Their wealth of experience is as broad and varied as our areas of application for our high-performance fittings. Their well thought-out family of products covers every industrial application: Liquids of all kinds, gases, technical vapours and steam. Goetze valves are used with temperatures ranging from -270°C up to 400°C and the greatest possible safety is a priority.	
Address: Robert-Mayer-Strasse 21 71636 Ludwigsburg	
Contact person: Leonard Sieben	Phone: +49 (0) 71 41 / 4 88 94 719
E-Mail: l.sieben@goetze-armaturen.de	Website: https://www.goetze-armaturen.de/
Further information / references / web links:	

Company Name: ELAFLEX HIBY GmbH & Co. KG	
Product/intervention/action: Refueling equipment	Objective(s): Hoses, Pipe fittings, Fuel Dispensing, Hose Fittings
Description: ELAFLEX HIBY is a specialist company in safe connections for the transfer of dangerous goods and sensitive fluids. Their strength are standards compliant, long-lasting hoses, fittings, couplings, expansion joints and nozzles.	
Address: Schnackenburgallee 121 22525 Hamburg	
Contact person: Stefan Mai	Phone: T: +49 40 540 005-1845 M: +49 172 408 19 14
E-Mail: mai@elaflex.de	Website: https://elaflex.de/
Further information / references / web links:	

Company Name: LESER GmbH & Co. KG	
Product/intervention/action: Cryogenic Equipment	Objective(s): Safety Valves
Description: LESER is the largest manufacturer of safety valves in Europe and one of the leading companies in its sector worldwide, with 130.000 produced safety valves per year. LESER safety valves are developed for the international market in Hamburg and manufactured in the modern plant in Hohenwestedt/Germany.	
Address: Wendenstraße 133 20537 Hamburg	
Contact person: Gökhan Ekilmis	Phone: +49 (0) 40 251 65-100
E-Mail: sales@leser.com	Website: https://www.leser.com/
Further information / references / web links: LESER offers spring-loaded and pilot-controlled safety valves for all industrial applications.	

Company Name: Chart Ferox, a.s.	
Product/intervention/action: LNG Equipment & Systems	Objective(s): Storage Tanks, Fueling Stations, Vaporizers, Liquefaction, Power Generation, Vacuum Insulated Pipes
Description: The Ferox operation is Chart's principal European engineering and manufacturing facility and primarily services the MENA region. The focus is on cryogenic equipment and solutions for the storage, distribution and end-use of liquefied gases, including air gases, carbon dioxide (CO ₂), liquefied natural gas (LNG), hydrogen and others.	
Address: Ústecká 30 405 30 Děčín 5, Tschechien	
Contact person:	Phone: +420 412 507 111
E-Mail: ferox-sales@chartindustries.com	Website: https://www.chartindustries.com/Businesses/Chart-Ferox
Further information / references / web links:	

Company Name: ASPEN AEROGELS, INC.	
Product/intervention/action: Thermal Insulation	Objective(s): Pipe Insulation, building insulation
Description: Aspen Aerogels is a leading energy technology company providing innovative thermal management solutions to the \$2.8 billion energy insulation market. Aspen's aerogel insulation is up to five times more effective than traditional insulation materials, while being industrially robust across a broad temperature range in a space-saving, easy-to-use form, making it the most efficient industrial insulation on the market. Their products are used by leading global companies in key energy market segments including Refining, Petrochemical, LNG, Power, and Subsea.	
Address: 30 Forbes Road, Building B Northborough MA 01532 USA	
Contact person:	Phone: +1-888-481-5058 +1 508-691-1111
E-Mail:	Website: http://www.aerogel.com/
Further information / references / web links:	

Company Name: Nexans Deutschland GmbH	
Product/intervention/action: Transfer lines	Objective(s): Transfer lines for liquid gases
Description: Nexans Deutschland GmbH can look back on some 40 years of experience in the field of design and sales of cryogenic transfer lines for the transport of liquid gases such as nitrogen, helium, oxygen, hydrogen and natural gas.	
Address: Kabelkamp 20 30179 Hannover	
Contact person:	Phone: +49 (0)511 676-3769 +49 (0)511 676-2041
E-Mail: cryoflex.transferlines@nexans.com	Website: https://www.nexans.de
Further information / references / web links: - highly flexible vacuum insulated transfer lines are in development	

Company Name: Cryotherm GmbH & Co. KG	
Product/intervention/action: Cryogenic Equipment	Objective(s): Storage Tanks, transfer lines
<p>Description: CRYOTHERM is the market leader in Germany for vacuum super insulated cryogenic components. To ensure that the desired cold temperatures remain available for a very long time, their containers and transfer line systems have a special, sophisticated insulation technology: High-quality multi-layer vacuum super insulation between the inner and outer container, highly active adsorbents and a computer-aided, optimized thermal design reduce the heat incidence and thus the evaporation of the liquid gases to a minimum.</p>	
<p>Address: Euteneuen 4 57548 Kirchen/Sieg</p>	
<p>Contact person: Thorsten Frank</p>	<p>Phone: +49 (0)203 / 34 639 55</p>
<p>E-Mail: thorsten.frank@cryotherm.de</p>	<p>Website: www.cryotherm.de</p>
<p>Further information / references / web links:</p>	

Company Name: TGE Marine Gas Engineering GmbH	
Product/intervention/action: Engineering Services	Objective(s): LNG systems for ship/carriers
Description: TGE Marine is a market-leading provider of engineering services for the design and supply of gas carriers, fuel gas systems and offshore units. They deliver turnkey solutions for engineering, design, procurement and construction supervision (EPCS) of marine gas handling and storage systems as well as vessel designs. They specialize in the containment and handling of cryogenically stored gases and are the market leader in the ethylene carrier and small LNG carrier segment.	
Address: Mildred-Scheel-Str. 1 53175 Bonn	
Contact person:	Phone: +49 228 50218 0
E-Mail: info@tge-marine.com	Website: https://www.tge-marine.com/
Further information / references / web links:	

Company Name: HPE Hybrid Port Energy GmbH & Co. KG	
Product/intervention/action: Energy System	Objective(s): LNG Power Barge
Description: HPE Hybrid Port Energy was founded by Becker Marine Systems with the objective of supplying environmentally friendly maritime power. With the LNG Power Barge Becker Marine Systems has developed an advanced and innovative solution for improving air quality in harbor cities by reducing emissions from cruise ships in port. The LNG Power Barge produces significantly lower emissions than the diesel engines used to generate power on board of cruise ships.	
Address: Blohmstr. 23 21079 Hamburg	
Contact person:	Phone: +49- 40-2 41 99-0
E-Mail: info@hybrid-port-energy.com	Website: https://www.hybrid-port-energy.com/en/
Further information / references / web links:	

Company Name: Stirling Cryogenics B.V.	
Product/intervention/action: Cryogenic Systems	Objective(s): Stirling Cryogenerators, LN2+LOX production, LNG liquefaction, closed loop cooling
Description: Stirling Cryogenics designs, builds and supplies cryogenic solutions based on the different Cryogenerators in our products range. All of their Cryogenerators are based on the (reversed) Stirling thermodynamic cycle and have a long history, highly reliable record and high efficiency. Their main products are stand-alone liquid Nitrogen production systems (StirLIN's), which produce liquid Nitrogen (LN2) on site and custom made cryogenic cooling systems based on our Stirling Cryocoolers.	
Address: (German representative) Beutnerring 5 21077 Hamburg	(Head Office) Science Park Eindhoven 5003 5692 EB Son, Netherlands
Contact person: Sven Asmus	Phone: T: +49407610480 M: +491711989890
E-Mail: sven.asmus@ertgmbh.de	Website: https://www.stirlingcryogenics.eu/
Further information / references / web links: They provide cryogenic solutions for various markets. Typical applications are: High Temperature Superconductors (HTS), Space simulation chambers, LNG/Bio-gas (re)liquefaction, MRI magnet cooling, Observatories	

Company Name: Cryostar / Cryostar SAS	
Product/intervention/action: Cryogenic equipment	Objective(s): Cryogenic Pumps, regasification, filling stations, vaporizers, liquefaction
Description: Cryostar provides high-tech cryogenic equipment and services to major gas companies and benefit from a worldwide presence backed by our extensive customer service network. As the market leader, they develop a wide range of equipment for the process industry. They offer their customers a wide and advanced range of pumps, turbines, compressors, vaporizers, heat exchangers and filling stations.	
Address: 2 Rue de l'Industrie, 68220 Hésingue, France	
Contact person:	Phone: +33 03 89 70 27 27
E-Mail: info@Cryostar.com	Website: https://cryostar.com/
Further information / references / web links:	

Company Name: Gaztransport & Technigaz	
Product/intervention/action: Containment Technology	Objective(s): containment of liquefied gases in cryogenic conditions
Description: As a leading engineering company in containment systems for the shipping and storage in cryogenic conditions of LNG (liquefied natural gas), GTT offers engineering, consultancy, training, maintenance support and technical design services. Approved by leading classification societies, its technologies are underpinned by a substantial return of experience over many decades.	
Address: 1, route de Versailles 78470 Saint-Rémy-lès-Chevreuse, France	
Contact person:	Phone: +33 (0)1 30 234 789
E-Mail: commercial@gtt.fr	Website: https://www.gtt.fr/en
Further information / references / web links:	

Company Name: GESMEX Exchangers GmbH	
Product/intervention/action: Heat Exchanger	Objective(s): XPS, XPT
Description: Their core competencies are the design, production and marketing of compact heat exchangers for industrial applications. Heat exchangers are used in natural gas processing plants for gas drying, preheating natural gas, gas sweetening or the liquefaction of natural gas. Plants for the industrial production of gases such as ammonia, synthesis gases or hydrogen also include thermodynamic processes. GESMEX plate heat exchangers operate in gas plants as liquid coolers, gas coolers, condensers, evaporators, partial condensers or partial evaporators.	
Address: Werkstrasse 226 19061 Schwerin	
Contact person:	Phone: +49 385 61 73 86-0
E-Mail: info@gesmex.com	Website: http://www.gesmex.com/en
Further information / references / web links:	

Company Name: Cryonorm B.V.	
Product/intervention/action: Crogenic Systems	Objective(s): LNG liquefaction, vaporization, filling stations, regasification
Description: Cryonorm group considers LNG as the best possible fuel for the coming decade because of the economical and environmental advantages over the current oil-based fuels. Consequently, Cryonorm sees small and mid-scale LNG systems as an essential part of the LNG supply chain.	
Address: Koperweg 3 2401 LH Alphen aan den Rijn, Netherland	
Contact person:	Phone: +31 172 418080
E-Mail: sales@cryonorm.com	Website: https://cryonorm.com/
Further information / references / web links:	

Company Name: IVECO Magirus AG	
Product/intervention/action: Commercial vehicles	Objective(s): LNG powered vehicles
<p>Description: IVECO is a global manufacturer of light, medium and heavy trucks, buses, coaches, intercity buses, fire engines, military vehicles and off-road vehicles for construction and mining. IVECO wants to make mobility safe, efficient and sustainable and therefore develops technical solutions that benefit both people and the environment. IVECO has been investing in the development of alternative drive systems for more than 30 years and offers Euro VI engines and natural gas drive technologies across the entire vehicle range.</p>	
<p>Address: Edisonstraße 4 85716 Unterschleißheim</p>	
Contact person:	Phone: +49 89 31771-0
E-Mail:	Website: https://www.iveco.com/germany/
Further information / references / web links:	

Company Name: Volvo Group Trucks Central Europe GmbH	
Product/intervention/action: Commercial vehicles	Objective(s): LNG powered vehicles
Description: The first Volvo truck saw the light of day in 1928. Since then they have become the largest manufacturer of heavy trucks in Europe. Their reliability is legendary, it is supported by three basic values: quality, safety and environmental protection.	
Address: Oskar-Messter-Str. 20 85737 Ismaning	
Contact person:	Phone: +49 89 80074-0
E-Mail: online-communications@volvo.com	Website: https://www.volvotrucks.de/de-de.html
Further information / references / web links:	

Company Name: Scania Deutschland GmbH	
Product/intervention/action: Commercial vehicles	Objective(s): LNG powered vehicles
Description: Scania is a world-leading provider of transport solutions, including trucks and buses for heavy transport applications combined with an extensive product-related service offering. Scania offers vehicle financing, insurance and rental services to enable our customers to focus on their core business. Scania is also a leading provider of industrial and marine engines.	
Address: August-Horch-Str. 10, 56070 Koblenz	
Contact person:	Phone: +49 (0) 261 / 897-0
E-Mail: webmaster@scania.de	Website: https://www.scania.com/de/de/home.html
Further information / references / web links: Scania is a subsidiary of Traton, part of the Volkswagen Group.	

Company Name: Vanzetti Engineering S.r.l.	
Product/intervention/action: Cryogenic equipment	Objective(s): Cryogenic Pumps
<p>Description: Established in 1984, Vanzetti Engineering is the only Italian company active in the design and construction of cryogenic equipment for liquid natural gas (LNG) and air gases. With over 30 years experience in cryogenics and over 15 years of research, development, successful innovation and practical experience in the LNG business field, Vanzetti Engineering is capable to deliver comprehensive, integrated cryogenic pumps solutions for Industrial, Automotive and Marine applications.</p>	
<p>Address: Via dei Mestieri, 3 Località Pedaggera 12030 - Cavallerleone (CN), ITALY</p>	
<p>Contact person: Luca Gazzera</p>	<p>Phone: (+39) 0172 915811</p>
<p>E-Mail: geninatti@vanzettiengineering.com</p>	<p>Website: https://www.vanzettiengineering.com/en/</p>
<p>Further information / references / web links:</p>	

Company Name: KRYTEM Kryotechnische und medizinische Systeme GmbH	
Product/intervention/action: Cryogenic equipment	Objective(s): Vaporizers, reciprocating pumps, valves
Description: Since 1982, Krytem has been developing, building and marketing machinery, apparatuses, and installations for the industrial application of cryogenic media and technical gases, including cryogenic piston pumps for all operating pressure ranges, vaporisers, gas heaters, cryogenic valves and equipment for special cryogenic applications.	
Address: Hans-Böckler-Str. 1 47877 Willich	
Contact person:	Phone: +49 (0)2154 / 94 07 0
E-Mail: info@krytem.de	Website: https://krytem.de/en/
Further information / references / web links:	

Company Name: BRUGG Rohrsysteme GmbH	
Product/intervention/action: Cryogenic Equipment	Objective(s): Vacuum isolated pipes
Description: BRUGG Pipes specializes in producing and selling pipe systems for transporting liquids, gases and heat safely and efficiently on a global scale. BRUGG Pipes is a reliable, expert partner in the local heating, district heating, cooling, cold water, industrial, filling station and tank facility sectors.	
Address: Adolf-Oesterheld-Str. 31 31515 Wunstorf, Germany	
Contact person: Meik Schubert	Phone: D +49 5031 170 127 M +49 171 387 51 52
E-Mail: meik.schubert@brugg.com	Website: https://www.bruggpipes.com/en/
Further information / references / web links: -Not available for small scale applications	

Company Name: Swagelok Leipzig Berlin B.E.S.T. Fluidsysteme GmbH	
Product/intervention/action: Fluid system components	Objective(s): Hoses, Valves, Fittings, Regulators, Filters, Measurement Devices
Description: Swagelok is an international company, focusing on the manufacture of gas and fluid systems components, such as tube fittings, valves, tubing, hoses and sale measuring equipment (gauges, flowmeters) under own brand.	
Address: Groß-Berliner Damm 153 12489 Berlin	
Contact person: Tobias Hensel	Phone: T: +49 (30) 6331126 24 M: +49 (173) 74 98 35 8
E-Mail: tobias.hensel@swagelok.com	Website: http://leipzig-berlin.swagelok.de
Further information / references / web links:	

Company Name: WIKA Alexander Wiegand SE & Co. KG	
Product/intervention/action: Measurement solutions	Objective(s): Pressure, temperature, level, force and flow
Description: The WIKA group of companies is a worldwide leader in pressure and temperature measurement. The company also sets the standard in the measurement of level, force and flow, and in calibration technology as well as SF6 gas solutions. Founded in 1946, WIKA is today a strong and reliable partner for all the requirements of industrial measurement technology.	
Address: Alexander-Wiegand-Straße 30 63911 Klingenberg/Main	
Contact person: Udo Weiß	Phone: T: +49 9372 132-7441 M: +49 172 7094029
E-Mail: Udo.Weiss@wika.com	Website: https://en.wika.com/
Further information / references / web links:	

Company Name: KROHNE Messtechnik GmbH	
Product/intervention/action: Measurement solutions	Objective(s): Pressure, flow, level, temperature
Description: KROHNE is a world-leading manufacturer and supplier of solutions in industrial process instrumentation. KROHNE offers supporting products and services for one-stop-shopping and in industries as widespread as oil & gas, water & wastewater, chemical & petrochemical, food & beverage, power, minerals & mining and marine.	
Address: Ludwig-Krohne-Strasse 5 47058 Duisburg	
Contact person: Birgit Popp	Phone: +49 (0)203 301 4825
E-Mail: B.Popp@krohne.com	Website: www.krohne.com
Further information / references / web links:	

Company Name: Endress+Hauser (Deutschland) GmbH+Co. KG	
Product/intervention/action: Measurement solutions	Objective(s): Pressure, level, flow, temperature
Description: Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. They provide process solutions for flow, level, pressure, analytics, temperature, recording and digital communications, optimizing processes in terms of economic efficiency, safety and environmental impact.	
Address: Colmarer Straße 6 79576 Weil am Rhein	
Contact person: Stefan Winter	Phone: +49 511 2 83 72 33 127
E-Mail: stefan.winter@endress.com	Website: https://www.endress.com/
Further information / references / web links:	

Company Name: Emerson Automation Solutions	
Product/intervention/action: Measurement solutions	Objective(s): Pressure, flow, level, temperature, analysis
Description: Emerson focuses on two core business platforms — Automation Solutions and Commercial & Residential Solutions. This enables them to have the industry’s broadest portfolio of technologies to measure, control, optimize and power their operations – and the experience and expertise to solve their toughest problems.	
Address: Katzbergstrasse 1 40764 Langenfeld, Germany	
Contact person: András Kovács	Phone: +49 2173 3348 2351
E-Mail: andras.kovacs@emerson.com	Website: https://www.emerson.com/
Further information / references / web links:	

Company Name: VEGA Grieshaber KG	
Product/intervention/action: Measurement solutions	Objective(s): Level, point level, pressure
Description: VEGA is a global manufacturer of sensors for measuring level, point level, pressure as well as devices and software for integrating them into process control systems. High vessels, temperatures or pressure. Every industry has its own specific requirements for the measurement technology it uses. VEGA sensors reliably solve the most difficult measurement problems worldwide.	
Address: Am Hohenstein 113 77761 Schiltach	
Contact person: Stefanie Dittkuhn	Phone: M: +49 170 4345920
E-Mail: s.dittkuhn@vega.com	Website: www.vega.com
Further information / references / web links:	

Company Name: FAFNIR GmbH	
Product/intervention/action: Measurement solutions	Objective(s): Level, point level
Description: FAFNIR are specialists in the development and manufacturing of sensors and systems for monitoring and measuring fill levels. They provide the latest technology in fuel management systems and solutions which allow their customers from the oil, chemical and pharmaceutical industries to fully put their trust in their products.	
Address: Schnackenburgallee 149 c 22525 Hamburg	
Contact person: Michael Brandenburg	Phone: T: +49/40/39 82 07 77 M: +49/172/436 54 72
E-Mail: michael.brandenburg@fafnir.de	Website: https://www.fafnir.com/
Further information / references / web links:	

Company Name: Labom Mess- und Regeltechnik GmbH	
Product/intervention/action: Measurement solutions	Objective(s): Pressure, temperature, level
Description: LABOM was founded in 1968 by Walter Labohm. During his tenure, the enterprise evolved from a handcraft-oriented business to renowned experts in digital metrology. In particular, providing individually designed custom solutions is a hallmark of LABOM. The instruments are applied to measure and control pressure, fill levels and temperature in a variety of industries.	
Address: Im Gewerbepark 13 27798 Hude	
Contact person: Ralf Noormann	Phone: +49 4408 804 410
E-Mail: r.noormann@labom.com	Website: www.labom.com
Further information / references / web links:	

Company Name: heco GmbH	
Product/intervention/action: Stainless steel products	Objective(s): fittings, pipe systems, flanges
Description: heco is a producer and reseller of stainless steel fittings, pipes and valves. They have all common types of stainless steel pipe fittings in stock: butt welding fittings, threaded fittings, flanges & flange fittings, TC clamp connections, press fittings and pipe coupling systems.	
Address: Am Eisengraben 5 75196 Remchingen, Germany	
Contact person: Daniela Batzdorfer	Phone: +49 30 68 838 143-2
E-Mail: daniela.batzdorfer@heco.de	Website: https://www.heco.de/en/
Further information / references / web links:	

Company Name: FLABOFORM GmbH	
Product/intervention/action: Stainless steel products	Objective(s): Flanges, fittings, tubes
Description: Flaboform are an internationally active trading house for flanges, carbon and stainless steel bends and fittings. Thus they are a full-range stock keeper, specialized in flanges, bends and fittings of numerous material grades in carbon and stainless steel. They serve, among other industries, the process and chemical industries, pipeline construction, plant design and machine building, apparatus engineering, as well as the energy industries, sanitary engineering.	
Address: Industriestraße 5 68753 Waghäusel	
Contact person:	Phone: +49 7254 9271 0
E-Mail: info@flaboform.com	Website: http://www.flaboform.com/
Further information / references / web links:	

Company Name: NieRuf GmbH	
Product/intervention/action: Cryogenic equipment	Objective(s): Valves, measurement systems, fittings, flanges, tubes, seals
Description: NieRuf is a system provider when it comes to regulating, locking, securing or controlling various media. Providing flow measurement, pipeline construction, lock off and control technology as well as accessories such as flanges, screws and nuts, seals and the matching fittings.	
Address: Zeppelinstrasse 11 74354 Besigheim	
Contact person:	Phone: +49 (0)7143 / 9666-900
E-Mail: info@nieruf.de	Website: https://www.nieruf.com/
Further information / references / web links:	

Company Name: rff Rohr Flansch Fitting Handels GmbH	
Product/intervention/action: Stainless steel products	Objective(s): Fittings, flanges, tubes
Description: Rff is a wholesaler when it comes to pipes and pipe connections according to DIN EN and ASME in unalloyed, alloyed and low temperature resistant steel as well as high yield steels, fine-grained steels and stainless steels.	
Address: Carl - Zeiss - Straße 21 28816 Stuhr / Bremen	
Contact person: Jens Habermann	Phone: +49 421 8771 1010
E-Mail: nord@rff.de	Website: https://www.rff.de/en/home/
Further information / references / web links:	

Company Name: Rotarex	
Product/intervention/action: Cryogenic equipment	Objective(s): Valves, pressure regulators, safety valves
<p>Description: Since Rotarex founder A.T. Schmitz began producing innovative gas cylinder valves over 90 years ago, the company has grown to become a world-leading producer of very high quality gas control products and systems. Proven to perform in extreme conditions, Rotarex products set the standard for performance and longevity in -240°C UHP cryogenic gas and LNG transport applications.</p>	
<p>Address: Industriestraße 11 35075 Gladenbach</p>	
Contact person:	Phone: +49 6462 939 20
E-Mail: info@srg.rotarex.com	Website: https://rotarex.com/
<p>Further information / references / web links:</p>	

Company Name: STÖHR ARMATUREN GmbH & Co KG	
Product/intervention/action: Cryogenic equipment	Objective(s): Valves, fittings
Description: Specialized in the development and manufacturing of valves for gases in liquid and gaseous state. Their product range of standardised ambient and cryogenic valves and gas filters in sizes from DN4 to DN300 include high-precision control valves, shut-off valves, check and blow-off valves and gas filters for installation in valve boxes, in vacuum-jackets or in conventional pipes.	
Address: Dornierstraße 4 86343 Königsbrunn	
Contact person: Martina Grimm	Phone: +49 8231 349037
E-Mail: martina.grimm@stoehr-valves.de	Website: https://www.stoehr-valves.de
Further information / references / web links:	

Company Name: GBP Gas Business Partner GmbH	
Product/intervention/action: Cryogenic equipment	Objective(s): Valves, fueling nozzle, receptacle, regulators
Description: GBP Gas Business Partner is a global supplier for the gas industry. GBP offers a wide range of equipment for use in gas installations - from small propane installations to natural gas installations.	
Address: Auf der Mühle 14 35232 Dautphetal	
Contact person:	Phone: +49 (6468) 9179952
E-Mail: info@gas-business-partner.com	Website: https://www.gas-business-partner.com/
Further information / references / web links: - Is a distributor for RegO	

Company Name: Mann Teknik AB	
Product/intervention/action: Cryogenic equipment	Objective(s): Dry couplings, breakaway couplings, swivels
Description: MannTek, is a Swedish company and coupling manufacturer located in Mariestad, Sweden. Mann Teknik AB produces and markets products for safe and environmentally friendly handling of aggressive fluids for the chemical and petrochemical industries. The main product is the Dry Disconnect Couplings, for spill free liquid handling.	
Address: Strandvägen 16 SE-542 31 Mariestad, Sweden	
Contact person:	Phone: +46 501 39 32 00
E-Mail: sales@manntek.se	Website: https://www.manntek.se/
Further information / references / web links:	

Company Name: KLaw Products Ltd	
Product/intervention/action: Cryogenic equipment	Objective(s): couplings, breakaway couplings
Description: KLaw is a global leader in the manufacture and supply of Breakaway Coupling and Emergency Release Systems; products used in the safe transfer of hazardous and non-hazardous liquids, gases and powders. Applications include Ship-to-Ship, Ship-to-Shore. Ship-to-Rig, Road Tankers and Rail cars.	
Address: Commerce Business Centre, Commerce Cl, West Wilts Trading Estate, Westbury BA13 4LS, UK	
Contact person:	Phone: +441373827100
E-Mail: klaw@trelleborg.com	Website: https://www.klawproducts.com/
Further information / references / web links:	

Company Name: Gutteling B.V.	
Product/intervention/action: Cryogenic equipment	Objective(s): Composite hoses
Description: Gutteling has a rich history in the field of composite hoses and couplings and became the world leader in transfer risk management. Multi-LNG White hoses are especially designed for use with fully refrigerated conveyants down to -196°C such as Liquid Nitrogen and LNG.	
Address: Pelsertstraat 9 3044 CH Rotterdam, Netherlands	
Contact person:	Phone: +31 (0)10 208 25 50
E-Mail: info@gutteling.com	Website: https://www.gutteling.com/
Further information / references / web links:	

Company Name: Torquemeters Limited	
Product/intervention/action: Measurement systems	Objective(s): Torque meters
Description: Pioneers in the design, manufacturer and support of torque meters, torque sensors, torque transducers and torque measurement systems. Performance optimization and real-time condition monitoring of gas and steam turbine powered systems for petrochemical, LNG & pipeline compression applications.	
Address: West Haddon Road, Ravensthorpe, Northampton, NN6 8ET, United Kingdom	
Contact person:	Phone: +441604 770 232
E-Mail: sales@torquemeters.com	Website: https://torquemeters.com/
Further information / references / web links:	

Company Name: Heatric UK	
Product/intervention/action: Cryogenic equipment	Objective(s): Heat exchanger
Description: Heatric is the world leader in diffusion bonded heat exchangers. Heatric compact heat exchangers are used in the most demanding duties across a range of industries including: Power generation, LNG production and shipping, Marine propulsion, Oil & gas production, High performance cooling, Process industries.	
Address: 46 Holton Rd, Wareham Lady St Mary, Holton Heath, Poole BH16 6LT, United Kingdom	
Contact person:	Phone: +44 (0) 1202 627 000
E-Mail: htrc-info@meggitt.com	Website: https://www.heatric.com/
Further information / references / web links:	

Company Name: Baker Hughes	
Product/intervention/action: Cryogenic equipment	Objective(s): Valves, safety valves
<p>Description: Baker Hughes valve solutions can be found in all aspects of the LNG industry: liquefaction, transportation and terminal & regasification. Their engineering and manufacturing centers can provide the wide range of valve technology needed in the LNG industry, from the extremely low temperature of cryogenic processes to ultra-high capacity gas valves associates with refrigerant gas compression systems. Baker Hughes valves have been used since the beginning of the LNG industry and continue to be used in pioneering installations like the world's first FLNG projects and next generation micro-LNG liquefaction plants.</p>	
<p>Address: Baker-Hughes-Str. 1 29221 Celle</p>	
Contact person:	Phone: +49 5141 203 - 0
E-Mail: info@bakerhughes.com	Website: https://valves.bakerhughes.com/
<p>Further information / references / web links:</p>	

Company Name: GWC Italia, SpA	
Product/intervention/action: Cryogenic equipment	Objective(s): Ball valves
Description: GWC is a global manufacturer and supplier of valves providing a full range of products to a multitude of industries. GWC Valves are used in major applications for Upstream and Transportation Segments of the Oil & Gas Industry, E&P, Petrochemical, Chemical, Mining/Minerals, Power, Marine and Industrial markets. GWC offers Cryogenic Trunnion Mounted Ball valves to service at temperatures down to minus 196°C.	
Address: Via A. Grandi, 5 20056 Trezzo Sull'Adda, Milano, Italy	
Contact person:	Phone: +39-02-86882941
E-Mail: sales@gwcitalia.com	Website: https://gwcvalve.com/
Further information / references / web links:	

Company Name: Armacell UK Ltd	
Product/intervention/action: Cryogenic equipment	Objective(s): Thermal insulation
Description: As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.	
Address: Mars Street, Oldham, Lancashire OL9 6LY, UK	
Contact person:	Phone: +44 (0)161 287 7100
E-Mail: info.uk@armacell.com	Website: https://local.armacell.com/en/armacell-uk/
Further information / references / web links:	

Company Name: Advanced Insulation Holdings Ltd.	
Product/intervention/action: Cryogenic equipment	Objective(s): Spill protection
Description: Advanced Insulation is a global supplier of Insulation (Topside and Subsea), Passive Fire Protection (PFP), Cryogenic Spill Protection (CSP), Blast and Fire Walls, Buoyancy Products and Cable Protection Systems.	
Address: Unit E, West Business Park, Quedgeley Bristol Rd, Hardwicke, Gloucester, GL2 4PA, United Kingdom	
Contact person:	Phone: +44 (0) 1452 880880
E-Mail: info@advancedinsulation.com	Website: https://www.advancedinsulation.com/
Further information / references / web links:	

Company Name: Genstar Technologies Company, Inc	
Product/intervention/action: Cryogenic equipment	Objective(s): Pressure regulators, fittings, valves, receptacle
Description: Genstar Technologies Company Inc. is a global provider of high quality pressure regulators, fittings, valves, welding apparatus and various gas control and handling devices.	
Address: 4525 Edison Avenue Chino, CA 91710, USA	
Contact person:	Phone: +1 909 606 2726
E-Mail: info@genstartech.com	Website: https://www.genstartech.com/
Further information / references / web links:	

Company Name: Beijing Sinocleansky Technologies Corp.	
Product/intervention/action: Cryogenic equipment	Objective(s): Storage tanks, LNG regasification, LNG pump skid, mini LNG plant skid
Description: Beijing SinoCleansky Technologies Corp is a professional gas equipment company with expertise in industrial gas, energy, medical, welding, fire-fighting and other applications, offering a one-stop-solution with wide range of gas cylinders, jumbo tube container, cryogenic equipment, as well as customized service.	
Address: Wangjing SOHO, Chaoyang District, Beijing, P. R. China. Post Code : 100102	
Contact person:	Phone: + 86-10-64709959
E-Mail: sales@sinocleansky.com	Website: https://www.sinocleansky.com/
Further information / references / web links:	

Company Name: müller quadax gmbh	
Product/intervention/action: Cryogenic equipment	Objective(s): Butterfly valves
Description: Since 1960, valves and systems from müller co-ax ag have been used in all applications where media has to flow in a regulated way, where uncompromising quality is a must and the most extreme demands have to be met. Innovation and expertise led them to developed the Quadax® four-offset butterfly valves.	
Address: Im Kupfertal 52 74670 Forchtenberg	
Contact person:	Phone: +49 7947 94343 – 0
E-Mail: info@quadax.de	Website: https://www.quadax.de/en/
Further information / references / web links:	

Company Name: m-tech GmbH	
Product/intervention/action: Cryogenic equipment	Objective(s): automatic valve
Description: M-tech GmbH produce high-pressure valves, modules and complete filling systems for industrial, medical and specialty gases. Their filling systems are successfully used in the field of mono as well as mixed gas in more than 50 countries all over the world.	
Address:	
Contact person: Elisa Beck (Sales Assistant)	Phone: +49 (07947) 939-122
E-Mail: elisa.beck@m-tech-gmbh.com info@m-tech-gmbh.com	Website: https://www.m-tech-gmbh.de/en/
Further information / references / web links: - m-tech is part of the müller co-ax group.	

Company Name: Chemet S.A.	
Product/intervention/action: Cryogenic equipment	Objective(s): Storage tanks, regasification station
Description: CHEMET is the only manufacturer of trans-portable pressure vessels for liquefied gases with the capacity up to 1000 l in Poland and one of the biggest in Europe. The vessels are used for the transportation of gases and liquids under pressure with max. 450 bar	
Address: 47 Sienkiewicza Street 42-600 Tarnowskie Góry, Poland	
Contact person: Marcin Behnke	Phone: +48 32 39 33 125 +48 32 39 33 203
E-Mail: krio@chemet.com.pl	Website: https://sa.chemet.eu/?lang=en
Further information / references / web links:	

Company Name: Salzburger Aluminium AG	
Product/intervention/action: Cryogenic equipment	Objective(s): LNG car tanks
Description: SAG is a leading producer of aluminium tank systems for trucks, high-quality aluminium components and special parts for the automotive, commercial vehicle and railway industries as well as a producer of innovative cryogenic tank solutions for alternative fuels such as LNG (Liquefied Natural Gas).	
Address: Lend 25 5651 Lend, Austria	
Contact person:	Phone: +43 6416 6500 0
E-Mail: aluminium@sag.at	Website: https://www.sag.at/en/
Further information / references / web links:	

Company Name: Air Liquide Global E&C Solutions Germany GmbH	
Product/intervention/action: Cryogenic technology	Objective(s): BOG reliquefaction, LNG liquefaction
Description: Air Liquide offers innovative solutions — gas, equipment and services — throughout Germany for a wide variety of industries. As an expert in cryogenics and a pioneer in the field of Liquefied Natural Gas, they have extensive experience in equipping plants of all sizes with LNG technology.	
Address: Olof-Palme-Str. 35 60439 Frankfurt am Main	
Contact person:	Phone: +49 69 580 80
E-Mail: europe.engineering@airliquide.com	Website: https://www.engineering-airliquide.com/
Further information / references / web links:	

Company Name: CRYOTEC Anlagenbau GmbH	
Product/intervention/action: Cryogenic technology	Objective(s): LNG liquefaction plants, filling stations
Description: CRYOTEC Anlagenbau GmbH was founded in 1995 and is based in Wurzen, Saxony. The company is specialized in innovative solutions for air separation plants, CO2 technologies and small-scale LNG plants	
Address: Dresdener Straße 76 04808 Wurzen	
Contact person:	Phone: +49 (0) 3425 / 89 65 16 10
E-Mail: contact@cryotec.de	Website: https://cryotec.de/en/
Further information / references / web links:	

Company Name: JC Carter LLC	
Product/intervention/action: Cryogenic equipment	Objective(s): Fuel nozzle, receptacle, vent nozzle, vent receptacle
Description: JC Carter is the global leader in cryogenic nozzle technology. Most present JC Carter applications are in the natural gas vehicle transportation space including the fueling of heavy trucks and buses. JC Carter's larger dry connect couplings are well positioned to perform in marine, railroad, mining, and power generation applications.	
Address: 26451 Curtiss Wright Pkwy, Suite 106 Cleveland, Ohio 44143, USA	
Contact person: Francesc Villoria	Phone: +1-216 357 1639 (U.S.A) +34-650-543-464 (SPAIN)
E-Mail: villoria@jccarternozzles.com	Website: https://jccarternozzles.com/
Further information / references / web links:	

Company Name: Flow Instruments & Engineering GmbH	
Product/intervention/action: Cryogenic equipment	Objective(s): Flow meter, LNG dispenser, mobile LNG filling stations
Description: FLOW Instruments, located in Monheim am Rhein, Germany, yearly produce approx. 1000 of durable, reliant and efficient Measuring Systems for cryogenics and CO2. In addition, they developed an LNG dispenser and LNG fillings stations that include their own measuring system.	
Address: Siemensstraße 19 40789 Monheim am Rhein	
Contact person:	Phone: +49 2173-9605 9-0
E-Mail: info@flow-instruments.de	Website: http://www.flow-instruments.com/
Further information / references / web links:	

Company Name: Alternoil GmbH	
Product/intervention/action: Cryogenic technology	Objective(s): LNG fueling training, portable tank unit
Description: Alternoil GmbH is a refueling station operator and pioneer in the transformation process for clean heavy-duty transport and clean energy in industry. They pursue a holistic concept that includes the planning, construction, smooth operation, supply of LNG and maintenance of filling stations for renewable fuels and regasification plants.	
Address: Portlandstr. 16 49439 Steinfeld	
Contact person: Alexander Renz (CEO)	Phone: +49 54 92 / 55 766 - 0
E-Mail: ar@alternoil.de	Website: https://www.alternoil.de/en/
Further information / references / web links:	

Company Name: Green Solutions GmbH	
Product/intervention/action: Cryogenic technology	Objective(s): Filling stations, small scale regasification plant
Description: Is a pioneer in the plant construction sector for alternative and advanced fuels. The filling stations offer innovative solutions for the ultra-cold liquefied natural gas. The different filling station formats enables the use at different locations with different local conditions and requirements.	
Address: Ludwig-Erhard-Str. 18 28197 Bremen	
Contact person:	Phone: +49 421 / 5974 7645
E-Mail: info@greensol.com	Website: https://www.greensol.com/en/
Further information / references / web links: - Is in a partnership with Alternoil GmbH	

Company Name: Beijing Sanki Petroleum Technology Co.,Ltd.	
Product/intervention/action: Cryogenic equipment	Objective(s): LNG Dispenser
Description: SANKI is devoting itself to provide total solutions for petroleum and renewable energy stations and develop extended business in energy sector to be the "Fuel, gas and charging stations integrated equipment manufacturer".	
Address: 19#, Sixth Boxing Road, Economic-Technological Development Area, Beijing, P.R.China	
Contact person:	Phone: +86-10-52310741 +86-10-52310730
E-Mail: business@sankichina.com	Website: https://www.sankichina.com/
Further information / references / web links:	

Company Name: Wenzhou BlueSky Energy Technology Co., Ltd.	
Product/intervention/action: Cryogenic technology & equipment	Objective(s): LNG Dispenser, (mobile) filling stations, small liquefaction plant, pump skid, vaporizer, LNG equipment (nozzle, hoses, flow meter)
Description: As a professional producer for gas station equipment in China since 1996, Wenzhou BlueSky Energy Technology Co., Ltd. offers customers a turnkey solution for petroleum, LPG, CNG, LNG gas stations. Also a complete line of fuel dispenser, LPG, CNG, LNG dispenser. and pump, management system, IC card retail automation system, tank gauging system and many spare parts for the gas station	
Address: NO.460 JINHAI 1ST ROAD, BINHAI ETDZ, WENZHOU, ZHEJIANG, CHINA	
Contact person: Min Jiang (CEO)	Phone: T: +86-577-88609858 M: +86 13705771581
E-Mail: admin@blueskynewenergy.com	Website: http://www.blueskynewenergy.com/index.html
Further information / references / web links:	

Company Name: Shandong AUYAN New Energy Technology Co., Ltd	
Product/intervention/action: Cryogenic equipment	Objective(s): Storage tanks, car tanks, regasification plant
Description: Established in June 2011, located in Weifang City, Shandong Province, Shandong AUYAN New Energy Technology Co., Ltd. is an innovative enterprise specialized in manufacturing cryogenic equipment and providing technical service, the main products are industrial welded insulated cylinder, vehicle intelligent LNG cylinder, small-sized LNG supplying system, biological liquid nitrogen tank.	
Address: 489-1 North Ring Road, Zhucheng, Weifang, Shandong, China	
Contact person:	Phone: +86 536 6073316
E-Mail: Nikita_auyan@hotmail.com qihafeng@auyan.cn	Website: http://www.auyan.cn
Further information / references / web links:	

Company Name: ADB Global Sales SL	
Product/intervention/action: Cryogenic technology	Objective(s): LNG liquefaction plants, trucks, filling stations, tanks, sea containers, fuel tanks, engines, power generators
Description: ADB Project Solutions is a Joint venture company and brings more than 50 years of specialized skills to the gas industry, offshore and onshore, upstream and downstream. ADB is a turnkey solution for global delivery, engineering and installation of LNG equipments.	
Address: Avenida de las Cortes Valencianas 26 46015 Valencia, Spain	
Contact person: Albert de Bruin	Phone: +34 685 95 02 64
E-Mail: albert@adbglobalsales.com	Website: https://www.adbglobalsales.com/
Further information / references / web links:	

Company Name: ADD SYNERGY INNOVATION SL	
Product/intervention/action: Cryogenic technology	Objective(s): Liquefaction plant, truck loading facility, LNG Tanks/ road tankers, regasification plants, LNG fueling stations
Description: ADD Synergy Innovation SL is an innovative company that covers all the steps in the LNG chain by offering products and services adapted to customers/partners and guarantee the best return on your investment thanks to their modular solutions with reduced cost and lead time.	
Address: Av. Diagonal, 399 – 1er 2ª, 08008 – Barcelona, Spain	
Contact person:	Phone: +34 93 510 18 39
E-Mail: info@addsynergy.com	Website: https://www.addsynergy.com/
Further information / references / web links:	

Company Name: Auguste Cryogenics Germany GmbH	
Product/intervention/action: Cryogenic technology	Objective(s): LNG storage tanks
Description: Auguste Cryogenics produces an extensive line of cryogenic storage equipment for mobile and stationary applications for the energy, medical and industrial markets. The energy portfolio ranges from LNG solutions to liquid hydrogen delivery systems.	
Address: Mildstedter Landstraße 1 25866 Mildstedt	
Contact person:	Phone: +49 4841 985-120 +49 4841 985-130
E-Mail: cs.de@augustecryogenics.com	Website: https://augustecryogenics.com/
Further information / references / web links:	

Company Name: Cazgir İnşaat Isı Sistemleri Ticaret ve Sanayi A.Ş.	
Product/intervention/action: Cryogenic equipment	Objective(s): Storage tanks
Description: CAZGIR A.Ş manufactures fixed / portable pressure vessels (cryogenic tanks, evaporators, LPG tanks, solid-liquid-gas fired boilers, boilers, separators, etc.), stationary / portable non-pressure vessels (fuel tanks, water tanks, etc.), trailers and semi-trailers.	
Address: Gülsan Sanayi Sitesi 36. Sanayi Cad. No:9 55000 / Samsun / Turkiye	
Contact person:	Phone: +90 364 254 91 57 +90 364 254 92 10
E-Mail: cazgir@cazgir.com.tr	Website: http://www.cazgir.com.tr/english/
Further information / references / web links:	

Company Name: ALBATROSS Tank-Leasing	
Product/intervention/action: Cryogenic services	Objective(s): Tank container leasing
Description: The tank container leasing activities of ALBATROSS Tank-Leasing manage a fleet of more than 20,000 tank containers in global service. With a new strategy and innovative service structure, a new concept is offered, which adapted to individual demand, exceeding the ordinary leasing and rental operations by far.	
Address: Schmelzerstraße 25 47877 Willich	
Contact person:	Phone: +49 2154 887757-0
E-Mail: info@albatross-tanks.com	Website: https://albatross-tanks.de/en/home-en.html
Further information / references / web links:	

Company Name: Karbonsan Pressure Vessels and Trading Co.	
Product/intervention/action: Cryogenic technology & equipment	Objective(s): Storage tanks, regasification, filling station, semi-trailer
Description: Karbonsan is one of the leading diversified industrial manufacturing companies in Turkey. Karbonsan designs and manufactures a comprehensive range of cryogenic products and systems for the storage, transportation, and distribution of liquefied technical gases, LIN, LOX, LAR, LCO ₂ , and hydrocarbons, especially LNG and LPG.	
Address: Kozyatağı Mah. Kaya Sultan Sok. No:80/2 Kadıköy / İstanbul, Turkey	
Contact person:	Phone: +90 216 302 20 20
E-Mail: info@karbonsan.com.tr	Website: https://www.karbonsan.com.tr/?lang=en
Further information / references / web links:	

Company Name: Valmax Technology Corperation	
Product/intervention/action: Cryogenic technology	Objective(s): Filling station, regasification, reliquefication
Description: Since its foundation in 2002, Valmax Technology Corperation has been specializing in manufacturing a wide range of Metering and Analyzer package. Currently, they are heading into new area of LNG liquefaction & regasification plant.	
Address: #10, Asan Techno Valley St 387, Dunpo-myeon, Asan-si, Chungcheongnam-do, Korea	
Contact person:	Phone: +82 41 549 7630
E-Mail: sales@valmax.co.kr	Website: http://www.valmax.co.kr/
Further information / references / web links:	

Company Name: Isısan Isı Sanayi ve Ticaret A.Ş.	
Product/intervention/action: Cryogenic equipment	Objective(s): Storage tank, semi trailer tanks, bobtail tank
Description: ISISAN, is part of a group company with expertise in the design and manufacture of highly engineered pressurized transportation and storage equipment for cryogenic fluids (LIN, LOX, LAr, LNG) LCO, LN2O and LPG for use in industrial, healthcare, electronics, food, energy and environmental applications.	
Address: Zehn Morgen 8 63599 Biebergemünd	
Contact person: Volker Mueller	Phone: T: +971 4 6058250 M: +49(0)160 97 505000
E-Mail: volker.mueller@isisan.com.tr	Website: http://www.isisan.com.tr/
Further information / references / web links:	

Company Name: FIBA Technologies, Inc	
Product/intervention/action: Cryogenic technology	Objective(s): ISO container tanks, vaporizers
Description: FIBA Technologies, Inc. is a leading global provider of gas containment equipment and services for the industrial gas, chemicals, specialty gas, offshore oil and gas exploration, and alternative fuel industries around the globe. FIBA offers four models of portable cryogenic tank containers to transport liquefied gas products such as LIN, LOX, LAR, LNG, N2O, Ethane, Ethylene, and CO2.	
Address: 53 Ayer Rd. Littleton, MA 01460 USA	
Contact person:	Phone: +1 508 887 7100
E-Mail: info@fibatech.com	Website: https://www.fibatech.com/
Further information / references / web links:	

Company Name: Wessington Cryogenics	
Product/intervention/action: Cryogenic technology & equipment	Objective(s): ISO container tanks, safety equipment, safety relief valves, valves, pressure regulators, pressure gauges
Description: Established in 1984, Wessington Cryogenics have established themselves as a leading cryogenic vessel manufacture. Their cryogenic storage vessels range from general purpose open dewars, to multi-coded liquid nitrogen, argon, oxygen & helium vessels, and intermodal ISO tank containers.	
Address: 2 Gadwall Rd, Houghton le Spring DH4 5NL, England	
Contact person:	Phone: +44 (0)191 512 0677
E-Mail: info@wessingtoncryogenics.com	Website: https://www.wessingtoncryogenics.com/
Further information / references / web links:	

Company Name: AIR WATER INC.	
Product/intervention/action: Cryogenic technology	Objective(s): Tank trucks, storage container
Description: With dynamism and flexibility, the Air Water Group is pioneering a new age by strengthening its business foundations as an industrial gas supplier. They actively work on new proposals as new energy solutions, such as LNG (liquefied natural gas) transport and storage tanks.	
Address: 2-12-8 Minami Semba, Chuo-ku, Osaka 542-0081, Japan	
Contact person:	Phone: +81-6-6252-5411
E-Mail: Inquiry Form	Website: https://www.awi.co.jp/english/
Further information / references / web links:	

Company Name: CRYOLOR SA	
Product/intervention/action: Cryogenic technology	Objective(s): Filling stations, storage tanks, semi trailers
Description: For more than 30 years, CRYOLOR has specialized in designing and manufacturing cryogenic equipment for transport & storage of liquefied gas (Nitrogen, Argon, Oxygen, Carbon Dioxide, Hydrogen, Helium or even Natural Gas - LNG).	
Address: 2 rue Louis Blériot Argancy Z.I. des Jonquières - BP7 - 57365 Ennery, FRANCE	
Contact person:	Phone: +33 3 87 70 85 50
E-Mail: info.cryolor@cryolor.com	Website: https://www.cryolor.com/
Further information / references / web links:	

Company Name: Air Products GmbH	
Product/intervention/action: Cryogenic technology	Objective(s): Liquefaction systems, cryogenic heat exchanger
Description: Air Products liquefaction technologies and equipment have proven themselves well and are used in more than half of the world's LNG capacity. They have made a breakthrough in the LNG industry, developing liquefaction systems for more than 40 years and supplying the main cryogenic heat exchangers for plants around the world.	
Address: Hüttenstraße 50 45527 Hattingen	
Contact person:	Phone: +49 (0) 2324 689 0
E-Mail: apginfo@airproducts.com	Website: http://www.airproducts.de/
Further information / references / web links: <ul style="list-style-type: none"> - Air Products subsidiary in Germany: <ul style="list-style-type: none"> o https://www.airproducts.com 	

Company Name: Cryotainer GmbH	
Product/intervention/action: Cryogenic services	Objective(s): Tank container leasing, vaporizers
Description: Cryotainer Nitrogen Services aims to be the best service provider in the nitrogen services business in Europe, a flexible and reliable partner offering clients the optimal and safe solution they need. Cryotainer has a large fleet of cryogenic containers which are suitable for LNG, LAR, LCO2, LIN and LOX.	
Address: Fütingsweg 34 47805 Krefeld	
Contact person:	Phone: +49(0)32 221 09 1677
E-Mail: info@cryotainer.com	Website: https://www.cryotainer.com/en/
Further information / references / web links:	

Company Name: INOX India Pvt Ltd	
Product/intervention/action: Cryogenic technology	Objective(s): LNG storage, vaporizers, distribution stations, vehicle fuel tank
Description: Headquartered in Vadodara, INOX India has grown to become a market leader in the highly challenging field of vacuum insulated cryogenic equipment in India and across the world. Since inception in 1992, INOX India has created a wide-ranging Portfolio of materials and engineering intellectual property.	
Address: 9th Floor, K P Platina, Race Course, Vadodara - 390 007, Gujarat, India	
Contact person:	Phone: +91 (265) 6160100 / 2343125
E-Mail: inox@inoxcva.com	Website: https://www.inoxcva.com/
Further information / references / web links:	

Company Name: Nordsol	
Product/intervention/action: Cryogenic technology	Objective(s): Bio-LNG liquefaction
Description: Nordsol developed a bench-scale prototype and produced bio-LNG from the sewage treatment plant in Lelystad. This bench-scale installation provided insight into the liquefaction process, effects, behaviors and allowable range of contaminants in the gas, and the technical control and reliability of the system.	
Address: Kosterijland 70-77 3981 AJ Bunnik, Netherlands	
Contact person: Léon van Bossum	Phone: +31 268 800 408
E-Mail: leon@nordsol.com	Website: https://www.nordsol.com/
Further information / references / web links:	

Company Name: CRYO PUR	
Product/intervention/action: Cryogenic technology	Objective(s): Bio-LNG liquefaction/production
<p>Description: Cryo Pur designs, manufactures, commercializes and services a range of equipment for cryogenic biogas upgrading, biomethane liquefaction and bio-CO2 liquefaction. Cryo Pur technology offers concrete solutions to the issues surrounding biogas, employing cutting-edge processes to push the limits of energy efficiency.</p>	
<p>Address: Rue Ampère 17 91300 Massy, France</p>	
<p>Contact person: Benjamin Berg</p>	<p>Phone: +33 1 80 38 41 32</p>
<p>E-Mail: benjamin.berg@cryopur.com</p>	<p>Website: http://www.cryopur.com/en/</p>
<p>Further information / references / web links:</p>	

Company Name: DUON Dystrybucja sp. z o.o.	
Product/intervention/action: Cryogenic technology	Objective(s): Refueling station, LNG transport fleet, regasification system, storage tanks
Description: DUON Dystrybucja sp. z o. o. specializes in supplying network and liquefied natural gas (LNG). Their infrastructure consists of distribution networks and LNG regasification stations.	
Address: ul. Serdeczna 8 Wysogotowo k. Poznania 62-081 Przeźmierowo, Poland	
Contact person: Lech Wojciechowski	Phone: +48 61 66 41 845 +48 607 660 109
E-Mail: Lech.Wojciechowski@duon.pl	Website: http://www.duon.pl/
Further information / references / web links:	

Company Name: KC LNG	
Product/intervention/action: Cryogenic technology	Objective(s): Bunkering, small-scale liquefaction, refueling station
Description: KC LNG design, manufacture and deliver small-scale liquefied green gas solutions, bunkering and refueling solutions, e.g. facilities for both the production and transfer of liquefied natural gas (LNG) and liquefied biogas (LBG) - clean and highly cost-efficient fuels.	
Address: Alsvej 21 8940 Randers SV, Denmark	
Contact person:	Phone: +45 8740 3000
E-Mail: kclng@makeenenergy.com	Website: http://www.kosancrisplant.com/lng/home/
Further information / references / web links: KC LNG is Kosan Crisplant's division under MAKEEN Energy	

Company Name: UESTCO Energy Systems	
Product/intervention/action: Cryogenic technology	Objective(s): In-House LNG Refueling System, LNG Dispenser
Description: As an all-in-one company, it has commissioned over 800+ turnkey projects and a wide range of customized engineering solutions from simple skids to complex industrial gas applications. The company has been designing and implementing over 3000 installation related with LNG, LPG, LCNG and CNG based fuel systems.	
Address: Şerifali Mahallesi Hendem Caddesi No:2 Kat:2-3, Ümraniye, İstanbul, Turkey	
Contact person:	Phone: +902163145657
E-Mail: info@uestco.com	Website: http://www.uestco.com/index.html
Further information / references / web links:	

Company Name: Name	
Product/intervention/action:	Objective(s):
Description:	
Address:	
Contact person:	Phone:
E-Mail:	Website:
Further information / references / web links:	

Company Name: Name	
Product/intervention/action:	Objective(s):
Description:	
Address:	
Contact person:	Phone:
E-Mail:	Website:
Further information / references / web links:	

Company Name: Name	
Product/intervention/action:	Objective(s):
Description:	
Address:	
Contact person:	Phone:
E-Mail:	Website:
Further information / references / web links:	

Company Name: Name	
Product/intervention/action:	Objective(s):
Description:	
Address:	
Contact person:	Phone:
E-Mail:	Website:
Further information / references / web links:	

