

Global Small and Medium Scale LNG Growth, Technologies, Terminals and New Business Opportunities Outlook to 2020- Growing Demand Encouraging New Terminal Development Opportunities Across the World

<https://marketpublishers.com/r/G0249C42CE5EN.html>

Date: October 2014

Pages: 114

Price: US\$ 5,000.00 (Single User License)

ID: G0249C42CE5EN

Abstracts

“Global small and medium scale LNG” research report from LNGAnalysis is a complete report on mini scale LNG industry, infrastructure, competition and investments. Key global industry trends along with industry drivers in each of the growing small LNG countries are provided in detail. Details of all planned, proposed, under construction small LNG projects along with complete set of operational mini LNG terminals are provided in the report.

Further, the premium research work also provides country by country details of all operational and upcoming small LNG terminal details. The small scale LNG report also details market structure and capex expected to spend on small and medium LNG terminals. Recent industry developments across the globe are also analyzed in the report.

According to the publisher LNGAnalysis, 26 countries have small LNG terminals installed and operational. Further, by 2020, 10 more countries have firm plans to foray into the industry. The scope of global small and medium scale LNG is widening rapidly with foray of new markets into the industry. Wide range of applications of small LNG including maritime fuelling, fuel for trucks and off-grid customers in addition to traditional uses of natural gas are encouraging more countries to evaluate the option of developing new small LNG terminals.

In the recent past, small scale LNG has been increasingly emerging as an effective

solution to transport natural gas where pipeline transportation is infeasible. Small terminals, with capacities less than 250 tonnes per day, provide perfect solutions in countries with minimal transport infrastructure (road/railway/pipelines). Further, for long distance transport also, these terminals prove efficient alternatives.

In particular, markets like China, the US and South East Asia have strong demand for gas from remote (limited pipeline connectivity) areas and have strong dependence on small and medium LNG plants. Accordingly, countries in Baltic Sea, South East Asia and Americas are planning to invest in the infrastructure.

On the liquefaction front, Small Scale LNG provides an innovative way of accessing stranded gas reserves. Fields with limited reserves and located far from onshore will be monetized using the technology.

Scope

Top 10 trends in global small LNG markets along with drivers, challenges and current status

Potential investment/new business opportunities in 25+ small LNG

technology types including Linde Engineering, APCI, Black & Veatch, Salof Kryopak, Hamworthy, CH4, Cryonorm, Cryostar, Chart, Air Liquide, CH-IV and others

Details of planned mini LNG projects scheduled to commence between 2014 and 2020

300+ small and medium scale LNG terminal details including Break bulk, Liquefaction, LNG Bunker Barge, LNG Satellite Plant, Peakshaving, Regasification, Satellite Peakshave and, Satellite Terminals

40 countries analyzed across the world including Argentina, Australia, Belgium, Bolivia, Brazil, Canada, China, Colombia, Dominican Republic, Ecuador, Finland, Germany, Greece, India, Iran, Japan, Lithuania, Malaysia, Malta, Netherlands, Norway, Peru, Poland, Puerto Rico, Russia, South Africa, Spain, Sweden, Thailand, Trinidad and Tobago, United Kingdom, United States, USA, Uzbekistan, Vietnam

Reasons To Purchase

Understand the growth scope of small and medium scale LNG industry

Identify key investment opportunities and potential markets

Evaluate different technology providers based on their technology and projects

Gain insights into the industry changes, outlook and leading/ emerging technologies

Keep ahead of competition by evaluating the future growth markets and their opportunities

Keep updated with latest industry developments in small/ medium scale LNG

Contents

1 TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2 GLOBAL SMALL/ MEDIUM SCALE LNG INDUSTRY OVERVIEW

- 2.1 Global Small Scale LNG Capacity forecast to 2020
- 2.2 Global Small/Medium Scale LNG Market Size by Region, 2013 and 2016
 - 2.2.1 Small Scale LNG Industry- Key Benefits
 - 2.2.2 Small Scale LNG Industry- Key Challenges
 - 2.2.3 Industry Scope
 - 2.2.4 Applications of Small LNG
- 2.3 Supply Chain of Mini Scale LNG Projects
- 2.4 Small Scale LNG vs. Large (Base Load) LNG

3 POTENTIAL INVESTMENT OPPORTUNITIES FOR SMALL LNG TERMINALS

- 3.1 Russian Federation looks to strengthen its position in Baltic and Black Seas
- 3.2 South East Asia- Gas Demand in Power Generation and Marine sector drive Small LNG Industry growth
 - 3.2.1 Indonesia
 - 3.2.2 Singapore
 - 3.2.3 Southern Philippines and Northern Vietnam
 - 3.2.4 Malaysia
- 3.3 Baltic Sea- LNG Consumption as Marine Fuel
- 3.4 Trinidad and Tobago, Bolivia, Colombia and Dominican Republic plan New Terminals
- 3.5 Small European Gas markets- Finland, Poland, Latvia, Lithuania and Scotland
- 3.6 Emerging Gas Hubs- Netherlands and Singapore
- 3.7 Large Geographic Areas- China, Australia, India, Russia and Indonesia

4 ANALYSIS OF SMALL AND MID SCALE LIQUEFACTION AND REGASIFICATION TECHNOLOGIES

- 4.1 Analysis of Available Technologies
- 4.2 Linde Engineering- Technologies and Processes

- 4.2.1 Operational and Planned Small LNG Projects of Linde Engineering
- 4.3 APCI LNG- Technologies and Processes
 - 4.3.1 Operational and Planned Small LNG Projects of APCI Technologies
- 4.4 Black and Veatch- Technologies and Processes
 - 4.4.1 Operational and Planned Small LNG Projects of B&V
- 4.5 Kryopak- Technologies and Processes
 - 4.5.1 Operational and Planned Small LNG Projects of Kryopak
- 4.6 Hamworthy (Nitrogen Cycle)- Technologies and Processes
 - 4.6.1 Operational and Planned Small LNG Projects of Hamworthy
- 4.7 CH4 International- Technologies and Processes
- 4.8 Cryonorm- Technologies and Processes
 - 4.8.1 Operational and Planned Small LNG Projects of Cryonorm
- 4.9 Cryostar- Technologies and Processes
- 4.10 Operational and Planned Details of Other Leading Technology Providers

5 PLANNED SMALL AND MID SCALE LNG TERMINALS

- 5.1 Small and Mid Scale Terminals Scheduled for operation in 2013
- 5.2 Small and Mid Scale Terminals Scheduled for operation in 2014
- 5.3 Small and Mid Scale Terminals Scheduled for operation in 2015
- 5.4 Small and Mid Scale Terminals Scheduled for operation in 2016- 2018

6 GLOBAL OPERATIONAL AND PLANNED MINI LNG TERMINAL DETAILS

- 6.1 Asia Pacific- Small and Mid Scale LNG Plant Details
 - 6.1.1 Australia Small and Mid Scale LNG Industry
 - 6.1.2 China Small and Mid Scale LNG Industry
 - 6.1.3 India Small and Mid Scale LNG Industry
 - 6.1.4 Indonesia Small and Mid Scale LNG Industry
 - 6.1.5 Japan Small and Mid Scale LNG Industry
 - 6.1.6 Malaysia Small and Mid Scale LNG Industry
 - 6.1.7 Thailand Small and Mid Scale LNG Industry
 - 6.1.8 Vietnam Small and Mid Scale LNG Industry
- 6.2 Europe- Small and Mid Scale LNG Plant Details
 - 6.2.1 Belgium Small and Mid Scale LNG Industry
 - 6.2.2 Finland Small and Mid Scale LNG Industry
 - 6.2.3 Germany Small and Mid Scale LNG Industry
 - 6.2.4 Greece Small and Mid Scale LNG Industry
 - 6.2.5 Lithuania Small and Mid Scale LNG Industry

- 6.2.6 Malta Small and Mid Scale LNG Industry
- 6.2.7 Netherlands Small and Mid Scale LNG Industry
- 6.2.8 Norway Small and Mid Scale LNG Industry
- 6.2.9 Poland Small and Mid Scale LNG Industry
- 6.2.10 Russia Small and Mid Scale LNG Industry
- 6.2.11 Scotland Small and Mid Scale LNG Industry
- 6.2.12 Spain Small and Mid Scale LNG Industry
- 6.2.13 Sweden Small and Mid Scale LNG Industry
- 6.2.14 The UK Small and Mid Scale LNG Industry
- 6.2.15 Uzbekistan Small and Mid Scale LNG Industry
- 6.3 Middle East and Africa- Small and Mid Scale LNG Plant Details
 - 6.3.1 South Africa Small and Mid Scale LNG Industry
 - 6.3.2 Iran Small and Mid Scale LNG Industry
- 6.4 North America- Small and Mid Scale LNG Plant Details
 - 6.4.1 Canada Small and Mid Scale LNG Industry
 - 6.4.2 The US Small and Mid Scale LNG Industry
- 6.5 South and Central America- Small and Mid Scale LNG Plant Details
 - 6.5.1 Argentina Small and Mid Scale LNG Industry
 - 6.5.2 Bolivia Small and Mid Scale LNG Industry
 - 6.5.3 Brazil Small and Mid Scale LNG Industry
 - 6.5.4 Colombia Small and Mid Scale LNG Industry
 - 6.5.5 Dominican Republic Small and Mid Scale LNG Industry
 - 6.5.6 Ecuador Small and Mid Scale LNG Industry
 - 6.5.7 Peru Small and Mid Scale LNG Industry
 - 6.5.8 Puerto Rico Small and Mid Scale LNG Industry
 - 6.5.9 Trinidad and Tobago Small and Mid Scale LNG Industry

7 LATEST DEVELOPMENTS IN GLOBAL SMALL AND MEDIUM SCALE INDUSTRY

- 7.1 Iran weighing bids to build mini LNG plants- July 2014
- 7.2 Invitation For Pre-Qualification Tender And Receiving Terminal Project EPC LNG regasification Bali – January 2014
- 7.3 Eneco reloads first small scale LNG vessel at Gate terminal- September 2013
- 7.4 Baltic LNG terminal deal likely in time for EU funding- May 2013
- 7.5 TGE Marine Wins Contract for LNG Carrier in China- October 2013
- 7.6 Dresser-Rand Signs Important Agreement for Small-Scale LNG Production Technology License- October 2012
- 7.7 Merrill Lynch signs a multi-year supply agreement to deliver LNG- June 2013
- 7.8 GE Expands Small-Scale LNG Business- September 2013

- 7.9 Shell Acquires Gasnor, Norway- July 2012
- 7.10 Gazprom to Update LNG Production and Supply Strategy - April 2013
- 7.11 Small-scale LNG makes in-roads in Canada's far north- October 2013
- 7.12 BOC Limited in Australia opens its \$65 million Upgraded LNG plant – 8 Feb, 2012
- 7.13 Sumitomo and Sojitz to Compete in global spot LNG markets – 2 Feb, 2012
- 7.14 Gazprom Gazenergoset Plans to Develop Urals Small LNG Plant by 2013– 6 Dec, 2011
- 7.15 China Natural Gas Commences operations of its 1 mcm/d Guang'an small LNG plant – 2 Dec, 2011
- 7.16 OJSC Gazprom to Develop Khabarovsk Small LNG to supply six Boilers in the region – 25 Nov, 2011
- 7.17 Kogas proposes to build three mini LNG plants and DME plant in Far East – 25 Oct, 2011
- 7.18 JSC Cryogenmash sign Equipment supply contract to Chongqing Endurance Industry Stock Co. for its LNG terminals – 9 March, 2011

8 APPENDIX

- 8.1 Abbreviations
- 8.2 LNG Conversions
- 8.3 LNG Pricing
- 8.4 Sources and Methodology
- 8.5 About LNGAnalysis
- 8.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1: Estimated Small and Mid Scale LNG Capacity Forecast, Thousand Tonnes per day, 2000- 2020

Table 2: Global Small/Medium LNG Market Volume and Share by Region, 2013 and 2016

Table 3: Existing and Emerging Small Scale LNG Markets, 2000- 2015

Table 4: Small Scale LNG Vs. Base Load Regasification Terminals

Table 5: Linde Operational and Planned Terminal Details

Table 6: Linde Operational and Planned Terminal Details

Table 7: Linde Operational and Planned Terminal Details

Table 8: Linde Operational and Planned Terminal Details

Table 9: APCI Operational and Planned Terminal Details

Table 10: Black & Veatch Operational and Planned Terminal Details

Table 11: Black & Veatch Operational and Planned Terminal Details

Table 12: Black & Veatch Operational and Planned Terminal Details

Table 13: Kryopak Operational and Planned Terminal Details

Table 14: Hamworthy Operational and Planned Terminal Details

Table 15: Cryonorm Operational and Planned Terminal Details

Table 16: Other Leading Technology Providers- Operational and Planned Terminal Details

Table 17: Other Leading Technology Providers- Operational and Planned Terminal Details

Table 18: Other Leading Technology Providers- Operational and Planned Terminal Details

Table 19: Other Leading Technology Providers- Operational and Planned Terminal Details

Table 20: Other Leading Technology Providers- Operational and Planned Terminal Details

Table 21: Small and Mid Scale LNG Plants in Australia

Table 22: Small and Mid Scale LNG Plants in Australia

Table 23: Small and Mid Scale LNG Plants in China

Table 24: Small and Mid Scale LNG Plants in China

Table 25: Small and Mid Scale LNG Plants in China

Table 26: Small and Mid Scale LNG Plants in China

Table 27: Small and Mid Scale LNG Plants in India

Table 28: Small and Mid Scale LNG Plants in Indonesia

Table 29: Small and Mid Scale LNG Plants in Japan
Table 30: Small and Mid Scale LNG Plants in Malaysia
Table 31: Small and Mid Scale LNG Plants in Thailand
Table 32: Small and Mid Scale LNG Plants in Vietnam
Table 33: Small and Mid Scale LNG Plants in Belgium
Table 34: Small and Mid Scale LNG Plants in Finland
Table 35: Small and Mid Scale LNG Plants in Germany
Table 36: Small and Mid Scale LNG Plants in Greece
Table 37: Small and Mid Scale LNG Plants in Lithuania
Table 38: Small and Mid Scale LNG Plants in Malta
Table 39: Small and Mid Scale LNG Plants in Netherlands
Table 40: Small and Mid Scale LNG Plants in Norway
Table 41: Small and Mid Scale LNG Plants in Poland
Table 42: Small and Mid Scale LNG Plants in Russia
Table 43: Small and Mid Scale LNG Plants in Scotland
Table 44: Small and Mid Scale LNG Plants in Spain
Table 45: Small and Mid Scale LNG Plants in Sweden
Table 46: Small and Mid Scale LNG Plants in UK
Table 47: Small and Mid Scale LNG Plants in Uzbekistan
Table 48: Small and Mid Scale LNG Plants in Norway
Table 49: Small and Mid Scale LNG Plants in Iran
Table 50: Small and Mid Scale LNG Plants in Canada
Table 51: Small and Mid Scale LNG Plants in the US
Table 52: Small and Mid Scale LNG Plants in the US
Table 53: Small and Mid Scale LNG Plants in the US
Table 54: Small and Mid Scale LNG Plants in the US
Table 55: Small and Mid Scale LNG Plants in the US
Table 56: Small and Mid Scale LNG Plants in the US
Table 57: Small and Mid Scale LNG Plants in the US
Table 58: Small and Mid Scale LNG Plants in the US
Table 59: Small and Mid Scale LNG Plants in Argentina
Table 60: Small and Mid Scale LNG Plants in Bolivia
Table 61: Small and Mid Scale LNG Plants in Brazil
Table 62: Small and Mid Scale LNG Plants in Colombia
Table 63: Small and Mid Scale LNG Plants in Dominican Republic
Table 64: Small and Mid Scale LNG Plants in Ecuador
Table 65: Small and Mid Scale LNG Plants in Peru
Table 66: Small and Mid Scale LNG Plants in Puerto Rico
Table 67: Small and Mid Scale LNG Plants in Trinidad and Tobago

List Of Figures

LIST OF FIGURES

Figure 1: Small Scale LNG- Typical Supply Chain

I would like to order

Product name: Global Small and Medium Scale LNG Growth, Technologies, Terminals and New Business Opportunities Outlook to 2020- Growing Demand Encouraging New Terminal Development Opportunities Across the World

Product link: <https://marketpublishers.com/r/G0249C42CE5EN.html>

Price: US\$ 5,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0249C42CE5EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970