

# Global Small and Medium Scale LNG - Baltic Sea and South East Asia to Lead the Industry Growth to 2020

<https://marketpublishers.com/r/G94F7BE9577EN.html>

Date: February 2012

Pages: 73

Price: US\$ 3,500.00 (Single User License)

ID: G94F7BE9577EN

## Abstracts

“Global Small and Medium Scale LNG- Baltic Sea and South East Asia to Lead the Industry Growth to 2020” is a comprehensive report on small and medium LNG industry. The report evaluates the scope of industry growth amidst MARPOL act, diversified usage of gas and supply, regulatory and technical challenges. It also identifies the markets with immediate and long term demand for small LNG terminals. Further, the research work identifies the feasibility of development in these markets and the possible scope of growth. The research also identifies potential investment opportunities along with latest industry trends and drivers. In addition, all operational and planned LNG terminals along with their complete details are included in the report.

## Scope

Leading trends and drivers of small scale LNG industry

Potential and possible development markets along with feasibility of developing terminals is discussed in detail

Annual Small LNG capacity and production forecast from 2000 to 2015

Detailed analysis on investment and new terminal development opportunities in global markets including Baltic, Black Seas, South East Asia, Trinidad and Tobago, Finland, Poland, Latvia, Lithuania, Scotland, Netherlands, Singapore, China, Australia, Indonesia, Papua New Guinea and Nigeria

Industry drivers, challenges along with applications of small LNG terminals are detailed

Global Operational and planned small and medium scale LNG terminals along with details of terminal type, status, location, start up, company and capacity are provided

Terminal types covered in the report include liquefaction, regasification, peakshaver and satellite plants

Global small and medium scale LNG transporting fleet along with their year of built and capacity details

Technology, providers, economic and macro environmental aspects of the industry are detailed

## **Reasons To Purchase**

The report enables you to:

Gain complete understanding of small scale LNG industry and its evolution over the next decade

Identify the potential and possible investment and construction opportunities of terminals

Forecast the short and medium term impact of MARPOL act on different regions of the world

Make strategic decisions through capacity and production forecasts

Compare all available LNG technology providers, their technologies and processes

Gain detailed industry knowledge through all major trends and drivers of the industry

Keep abreast with the competition through all latest developments in the industry



## Contents

### **1 TABLE OF CONTENTS**

- 1.1 List of Tables
- 1.2 List of Figures

### **2 GLOBAL SMALL SCALE LNG INDUSTRY OUTLOOK TO 2015**

- 2.1 Industry Overview
  - 2.1.1 Small Scale LNG Industry- Key Benefits
  - 2.1.2 Small Scale LNG Industry- Key Challenges
  - 2.1.3 Industry Scope
  - 2.1.4 Applications of Small LNG
- 2.2 Global Small Scale LNG Capacity forecast to 2015
- 2.3 Production Forecasts

### **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
- 3.3 Baltic Sea- LNG Consumption as Marine Fuel
- 3.4 Trinidad and Tobago
- 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, Russia and Indonesia
- 3.8 Export Oriented Markets- Papua New Guinea and Nigeria

### **4 LATEST TRENDS AND DRIVERS IN SMALL LNG INDUSTRY**

- 4.1 Small Scale LNG Increasingly Viewed as Feasible Solution for Exploiting Stranded Reserves
- 4.2 Higher Fuel Efficiency and Lower Emissions pose LNG as Preferred Marine Fuel
- 4.3 Surging demand from Power Sector boosts Investments in Small LNG
- 4.4 Technical Advancements Prove Small LNG terminals to be Technically Viable and

## Economic Feasible

4.5 Small LNG Industry Continues to Grow despite Shipping, Trucking, Terminal and Infrastructure Challenges

4.6 Development of terminals capable of handling multiple feed gases

4.7 Single Mixed Refrigerant technology, Nitrogen and Expander technologies being increasingly used

4.8 Increasing number of Road Trucks use LNG as fuel

4.9 Small LNG Industry Likely to Compete with DME and LPG plants

4.10 Small scale LNG fleet vessels of size over 10 thousand m3 continue to be developed

## **5 PLANNED SMALL AND MID SCALE LNG TERMINALS**

5.1 Small and Mid Scale Terminals Scheduled for operation in 2012

5.2 Small and Mid Scale Terminals Scheduled for operation in 2013

5.3 Small and Mid Scale Terminals Scheduled for operation in 2014

5.4 Small and Mid Scale Terminals Scheduled for operation in 2015

## **6 GLOBAL OPERATIONAL AND PLANNED MINI LNG TERMINAL DETAILS**

6.1 Asia Pacific- Small and Mid Scale LNG Plant Details

6.1.1 China Small and Mid Scale LNG Industry

6.1.2 Australia Small and Mid Scale LNG Industry

6.1.3 Thailand Small and Mid Scale LNG Industry

6.1.4 Japan Small and Mid Scale LNG Industry

6.2 Europe- Small and Mid Scale LNG Plant Details

6.2.1 Norway Small and Mid Scale LNG Industry

6.2.2 Scotland Small and Mid Scale LNG Industry

6.2.3 Germany Small and Mid Scale LNG Industry

6.2.4 Poland Small and Mid Scale LNG Industry

6.2.5 United Kingdom Small and Mid Scale LNG Industry

6.2.6 Finland Small and Mid Scale LNG Industry

6.2.7 Russia Small and Mid Scale LNG Industry

6.2.8 Belgium Small and Mid Scale LNG Industry

6.2.9 Ecuador Small and Mid Scale LNG Industry

6.2.10 Sweden Small and Mid Scale LNG Industry

6.2.11 Netherlands Small and Mid Scale LNG Industry

6.2.12 Spain Small and Mid Scale LNG Industry

6.2.13 Greece 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 Libya Small and Mid Scale LNG Industry
- 6.3.3 Iran Small and Mid Scale LNG Industry

### 6.4 Americas- Small and Mid Scale LNG Plant Details

- 6.4.1 The US Small and Mid Scale LNG Industry
- 6.4.2 Canada Small and Mid Scale LNG Industry

## **7 LATEST DEVELOPMENTS IN GLOBAL SMALL AND MEDIUM SCALE INDUSTRY**

7.1 BOC Limited in Australia opens its \$65 million Upgraded LNG plant – 8 Feb, 2012

7.2 Sumitomo and Sojitz to Compete in global spot LNG markets – 2 Feb, 2012

7.3 Gazprom Gazenergoset Plans to Develop Urals Small LNG Plant by 2013– 6 Dec, 2011

7.4 China Natural Gas Commences operations of its 1 mcm/d Guang'an small LNG plant – 2 Dec, 2011

7.5 OJSC Gazprom to Develop Khabarovsk Small LNG to supply six Boilers in the region – 25 Nov, 2011

7.6 Kogas proposes to build three mini LNG plants and DME plant in Far East – 25 Oct, 2011

7.7 JSC Cryogenmash sign Equipment supply contract to Chongqing Endurance Industry Stock Co. for its LNG terminals – 9 March, 2011

## **8 INTRODUCTION TO SMALL SCALE LNG INDUSTRY**

8.1 Rising gas demand Encouraging Investments in Small and Mid- Scale LNG Projects

8.2 Supply Chain of Mini Scale LNG Projects

8.3 Small Scale LNG vs. Large (Base Load) LNG

## **9 SMALL AND MID SCALE LIQUEFACTION AND REGASIFICATION TECHNOLOGIES**

9.1 Analysis of Available Technologies

9.2 Linde Engineering- Technologies and Processes

9.3 APCI LNG- Technologies and Processes

9.4 Black and Veatch- Technologies and Processes

9.5 Kryopak- Technologies and Processes

9.6 Hamworthy (Nitrogen Cycle)- Technologies and Processes

9.7 CH4 International- Technologies and Processes

9.8 Cryonorm- Technologies and Processes

9.9 Cryostar- Technologies and Processes

## **10 APPENDIX**

10.1 Abbreviations

10.2 LNG Conversions

10.3 LNG Pricing

10.4 Sources and Methodology

10.5 About LNGReports

10.6 Disclaimer

## **TABLE OF CONTENTS**

Table 1: Existing and Emerging Small Scale LNG Markets, 2000- 2015

Table 2: Estimated Small and Mid Scale LNG Capacity Forecast, Thousand Tonnes per day, 2000- 2015

Table 3: Estimated Small and Mid Scale LNG Production Estimates, Tonnes, 2000- 2015

Table 4: Global Small and Medium Sized LNG Vessels, Capacities

Table 5: Small and Mid Scale LNG Plants in China - I

Table 6: Small and Mid Scale LNG Plants in China - II

Table 7: Small and Mid Scale LNG Plants in China - III

Table 8: Small and Mid Scale LNG Plants in Australia

Table 9: Small and Mid Scale LNG Plants in Thailand

Table 10: Small and Mid Scale LNG Plants in Japan - I

Table 11: Small and Mid Scale LNG Plants in Japan - II

Table 12: Small and Mid Scale LNG Plants in Norway

Table 13: Small and Mid Scale LNG Plants in Scotland

Table 14: Small and Mid Scale LNG Plants in Germany

Table 15: Small and Mid Scale LNG Plants in Poland

Table 16: Small and Mid Scale LNG Plants in the UK

Table 17: Small and Mid Scale LNG Plants in Finland

Table 18: Small and Mid Scale LNG Plants in Russia

Table 19: Small and Mid Scale LNG Plants in Belgium

Table 20: Small and Mid Scale LNG Plants in Ecuador

Table 21: Small and Mid Scale LNG Plants in Sweden

Table 22: Small and Mid Scale LNG Plants in Sweden

Table 23: Small and Mid Scale LNG Plants in Spain

Table 24: Small and Mid Scale LNG Plants in Greece
Table 25: Small and Mid Scale LNG Plants in South Africa
Table 26: Small and Mid Scale LNG Plants in Libya
Table 27: Small and Mid Scale LNG Plants in Iran
Table 28: Small and Mid Scale LNG Plants in the US -- I
Table 29: Small and Mid Scale LNG Plants in the US -- II
Table 30: Small and Mid Scale LNG Plants in the US -- III
Table 31: Small and Mid Scale LNG Plants in the US -- IV
Table 32: Small and Mid Scale LNG Plants in the US -- V
Table 33: Small and Mid Scale LNG Plants in the US -- VI
Table 34: Small and Mid Scale LNG Plants in the US -- VII
Table 35: Small and Mid Scale LNG Plants in Canada
Table 36: World Natural Gas Demand Forecast, Bcm, 2000- 2020
Table 37: Small Scale LNG Vs. Base Load Regasification Terminals



## List Of Figures

### LIST OF FIGURES

Figure 1: Global LNG Gas Reserves, Tcf, 2010

Figure 2: World Natural Gas Demand Forecast, Bcm, 2000- 2020

Figure 3: Small Scale LNG- Typical Supply Chain

## I would like to order

Product name: Global Small and Medium Scale LNG - Baltic Sea and South East Asia to Lead the Industry Growth to 2020

Product link: <https://marketpublishers.com/r/G94F7BE9577EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G94F7BE9577EN.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

