

# GLOBAL SYNGAS MARKET FORECAST 2017-2026

<https://marketpublishers.com/r/G4EC665BDF3EN.html>

Date: December 2017

Pages: 113

Price: US\$ 2,500.00 (Single User License)

ID: G4EC665BDF3EN

## Abstracts

### KEY FINDINGS

Syngas is a valuable material used for refining processes and petrochemicals. The global market for Syngas is anticipated to progress with a CAGR of 9.52% over the forecast period of 2017-2026. The demand for the market is expected to rise from 133270 MW in 2016 to 330273 MW by 2026.

### MARKET INSIGHTS

Application and feedstocks are the primary market segments for Syngas. The feedstock segment is further classified into petroleum and by-products, biomass/waste, coal and natural gas. The application segments include power, gaseous fuel, liquid fuels, and chemicals. The production of solar-derived synthetic fuels is further presenting the market with lucrative opportunities. However, the initial-high investments and the complexity of processes involved in producing Syngas are acting as restraining factors for the market growth.

### REGIONAL INSIGHTS

The geographical diversification of the global Syngas market is done into Asia-Pacific, Europe, North America and rest of the world. The Asia-Pacific region holds much promise in the global market with developing countries like India, South Korea, China, and Mongolia acting as significant contributors to this region. The cost of production is comparatively less in this part as compared to other regional markets. As a result, several established market companies are tapping into the Asia-Pacific market. If this trend continues, the Asia-Pacific region will hold the biggest market share of the global market by the end of the forecast period.

## COMPETITIVE INSIGHTS

Some of the established players in this market are Air Liquide Sa, Agrium Inc, Air Products & Chemicals Inc, General Electric Company, Dakota Gasification Company, Haldor Topsoe A/S, Royal Dutch Shell Plc, Kbr Inc, Sasol Limited, The Linde Group, Technip (Now Technipfmc), and Yara International.

## Contents

### **1. RESEARCH SCOPE**

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

### **2. RESEARCH METHODOLOGY**

- 2.1. SOURCES OF DATA
  - 2.1.1. SECONDARY DATA
  - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION

### **3. EXECUTIVE SUMMARY**

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
  - 3.2.1. ASIA PACIFIC HOLDS THE LARGEST MARKET SHARE
  - 3.2.2. GASEOUS FUEL APPLICATIONS ARE INCREASING SIGNIFICANTLY
  - 3.2.3. NATURAL GAS IS INCREASINGLY BEING USED

### **4. MARKET DETERMINANTS**

- 4.1. MARKET DRIVERS
  - 4.1.1. FLEXIBILITY IN FEEDSTOCK
  - 4.1.2. USE OF GASIFICATION TECHNIQUES
  - 4.1.3. GROWING DEMAND FOR ELECTRICITY, FUEL, AND AGRICULTURAL PRODUCTS
- 4.2. MARKET RESTRAINTS
  - 4.2.1. STRINGENT EMISSION REGULATIONS
- 4.3. MARKET OPPORTUNITIES
  - 4.3.1. PRODUCTION OF SOLAR DERIVED SYNTHETIC FUELS
- 4.4. MARKET CHALLENGES
  - 4.4.1. HIGH CAPITAL INVESTMENT

#### 4.4.2. COMPLEXITY IN SYNGAS PRODUCTION PROCESS

### **5. MARKET SEGMENTATION**

#### 5.1. MARKET BY FEEDSTOCK 2017-2026

##### 5.1.1. BIOMASS/WASTE

##### 5.1.2. PETROLEUM AND BY-PRODUCTS

##### 5.1.3. NATURAL GAS

##### 5.1.4. COAL

#### 5.2. MARKET BY APPLICATION 2017-2026

##### 5.2.1. GASEOUS FUEL

##### 5.2.2. POWER

##### 5.2.3. LIQUID FUEL

##### 5.2.4. CHEMICALS

### **6. KEY ANALYTICS**

#### 6.1. PORTER'S FIVE FORCES ANALYSIS

##### 6.1.1. THREAT OF NEW ENTRANTS

##### 6.1.2. THREAT OF SUBSTITUTES

##### 6.1.3. BARGAINING POWER OF BUYERS

##### 6.1.4. BARGAINING POWER OF SUPPLIERS

##### 6.1.5. THREAT OF RIVALRY

#### 6.2. VALUE CHAIN ANALYSIS

#### 6.3. OPPORTUNITY MATRIX

### **7. GEOGRAPHICAL ANALYSIS**

#### 7.1. NORTH AMERICA

##### 7.1.1. UNITED STATES

##### 7.1.2. CANADA

#### 7.2. EUROPE

##### 7.2.1. UNITED KINGDOM

##### 7.2.2. FRANCE

##### 7.2.3. GERMANY

##### 7.2.4. SPAIN

##### 7.2.5. ITALY

##### 7.2.6. NORDIC

##### 7.2.7. NETHERLAND

- 7.2.8. RUSSIA
- 7.3. ASIA-PACIFIC
  - 7.3.1. INDIA
  - 7.3.2. CHINA
  - 7.3.3. JAPAN
- 7.4. REST OF WORLD
  - 7.4.1. LATIN AMERICA
  - 7.4.2. MENA
  - 7.4.3. REST OF AFRICA

## **8. COMPANY PROFILE**

- 8.1. AGRIMUM INC
  - 8.1.1. COMPANY OVERVIEW
  - 8.1.2. SWOT ANALYSIS
  - 8.1.3. STRATEGIC INITIATIVES
- 8.2. AIR LIQUIDE SA
  - 8.2.1. COMPANY OVERVIEW
  - 8.2.2. PRODUCT PORTFOLIO
  - 8.2.3. SWOT ANALYSIS
  - 8.2.4. STRATEGIC INITIATIVES
- 8.3. AIR PRODUCTS & CHEMICALS, INC
  - 8.3.1. COMPANY OVERVIEW
  - 8.3.2. PRODUCT PORTFOLIO
  - 8.3.3. SWOT ANALYSIS
  - 8.3.4. STRATEGIC INITIATIVES
- 8.4. DAKOTA GASIFICATION COMPANY
  - 8.4.1. COMPANY OVERVIEW
  - 8.4.2. PRODUCT PORTFOLIO
  - 8.4.3. STRATEGIC INITIATIVES
- 8.5. GENERAL ELECTRIC COMPANY
  - 8.5.1. COMPANY OVERVIEW
  - 8.5.2. PRODUCT PORTFOLIO
  - 8.5.3. SWOT ANALYSIS
  - 8.5.4. STRATEGIC INITIATIVES
- 8.6. HALDOR TOPSOE A/S
  - 8.6.1. COMPANY OVERVIEW
  - 8.6.2. PRODUCT PORTFOLIO
- 8.7. KBR, INC.

- 8.7.1. COMPANY OVERVIEW
- 8.7.2. PRODUCT PORTFOLIO
- 8.7.3. STRATEGIC INITIATIVES
- 8.8. ROYAL DUTCH SHELL PLC
  - 8.8.1. COMPANY OVERVIEW
  - 8.8.2. PRODUCT PORTFOLIO
  - 8.8.3. SWOT ANALYSIS
  - 8.8.4. STRATEGIC INITIATIVES
- 8.9. SASOL LIMITED
  - 8.9.1. COMPANY OVERVIEW
  - 8.9.2. PRODUCT PORTFOLIO
  - 8.9.3. SWOT ANALYSIS
  - 8.9.4. STRATEGIC INITIATIVES
- 8.10. TECHNIP (NOW TECHNIPFMC)
  - 8.10.1. COMPANY OVERVIEW
  - 8.10.2. SWOT ANALYSIS
  - 8.10.3. STRATEGIC INITIATIVES
- 8.11. THE LINDE GROUP
  - 8.11.1. COMPANY OVERVIEW
  - 8.11.2. PRODUCT PORTFOLIO
  - 8.11.3. STRATEGIC INITIATIVES
- 8.12. YARA INTERNATIONAL
  - 8.12.1. COMPANY OVERVIEW
  - 8.12.2. PRODUCT PORTFOLIO
  - 8.12.3. STRATEGIC INITIATIVES

#### TABLE LIST

- TABLE # 1 TYPICAL RANGE FOR COMPOSITION OF SYNGAS
- TABLE # 2 GLOBAL SYNGAS MARKET, BY GEOGRAPHY 2017-2026 (MW)
- TABLE # 3 GLOBAL SYNGAS MARKET, BY FEEDSTOCK, 2017-2026 (MW)
- TABLE # 4 PETCOKE GASIFICATION PROJECTS
- TABLE # 5 GLOBAL SYNGAS MARKET, BY APPLICATION 2017-2026 (MW)
- TABLE # 6 GLOBAL SYNGAS MARKET, BY GEOGRAPHY 2017-2026 (MW)
- TABLE # 7 NORTH AMERICA SYNGAS MARKET 2017-2026(MW)
- TABLE # 8 EUROPE SYNGAS MARKET 2017-2026(MW)
- TABLE # 9 ASIA-PACIFIC SYNGAS MARKET 2017-2026(MW)
- TABLE # 10 REST OF WORLD SYNGAS MARKET 2017-2026(MW)

#### FIGURES LIST

- FIGURE # 1 GLOBAL SYNGAS MARKET, BY GEOGRAPHY 2017-2026 (MW)
- FIGURE # 2 BARRIERS FOR SYNGAS PRODUCTION PLANTS

- FIGURE # 3 GLOBAL SYNGAS MARKET, BY FEEDSTOCK, 2017-2026 (MW)
- FIGURE # 4 BIOMASS TO SYNGAS CONVERSION PROCESS
- FIGURE # 5 GLOBAL SYNGAS MARKET IN BIOMASS/WASTE 2017-2026 (MW)
- FIGURE # 6 GLOBAL SYNGAS MARKET IN PETROLEUM AND BY-PRODUCTS 2017-2026 (MW)
- FIGURE # 7 GLOBAL SYNGAS MARKET IN NATURAL GAS 2017-2026 (MW)
- FIGURE # 8 ADVANTAGES OF UCG PROCESS
- FIGURE # 9 GLOBAL SYNGAS MARKET IN COAL 2017-2026 (MW)
- FIGURE # 10 GLOBAL SYNGAS MARKET, BY APPLICATION 2017-2026 (MW)
- FIGURE # 11 GLOBAL SYNGAS MARKET IN GASEOUS FUEL 2017-2026 (MW)
- FIGURE # 12 SYNGAS POWER GENERATION
- FIGURE # 13 GLOBAL SYNGAS MARKET IN POWER 2017-2026 (MW)
- FIGURE # 14 APPLICATION OF LIQUID FUEL
- FIGURE # 15 GLOBAL SYNGAS MARKET IN LIQUID FUEL 2017-2026 (MW)
- FIGURE # 16 METHANOL DERIVED PRODUCTS RANGE
- FIGURE # 17 APPLICATIONS OF DIMETHYL ETHER
- FIGURE # 18 GLOBAL SYNGAS MARKET IN CHEMICALS 2017-2026 (MW)
- FIGURE # 19 GLOBAL SYNGAS MARKET, BY GEOGRAPHY 2017-2026 (MW)
- FIGURE # 20 NORTH AMERICA SYNGAS MARKET 2017-2026 (MW)
- FIGURE # 21 UNITED STATES SYNGAS MARKET 2017-2026 (MW)
- FIGURE # 22 CANADA SYNGAS MARKET 2017-2026 (MW)
- FIGURE # 23 EUROPE SYNGAS MARKET 2017-2026 (MW)
- FIGURE # 24 UNITED KINGDOM SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 25 FRANCE SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 26 GERMANY SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 27 SPAIN SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 28 ITALY SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 29 NORDIC SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 30 NETHERLAND SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 31 RUSSIA SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 32 ASIA-PACIFIC SYNGAS MARKET 2017-2026 (MW)
- FIGURE # 33 INDIA SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 34 CHINA SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 35 JAPAN SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 36 REST OF WORLD SYNGAS MARKET 2017-2026 (MW)
- FIGURE # 37 LATIN AMERICA SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 38 MENA SYNGAS MARKET IN 2017-2026 (MW)
- FIGURE # 39 REST OF AFRICA SYNGAS MARKET IN 2017-2026 (MW)

## **COMPANIES MENTIONED**

1. AGRIMUM INC
2. AIR LIQUIDE SA
3. AIR PRODUCTS & CHEMICALS, INC
4. DAKOTA GASIFICATION COMPANY
5. GENERAL ELECTRIC COMPANY
6. HALDOR TOPSOE A/S
7. KBR, INC.
8. ROYAL DUTCH SHELL PLC
9. SASOL LIMITED
10. TECHNIP (NOW TECHNIPFMC)
11. THE LINDE GROUP
12. YARA INTERNATIONAL



## I would like to order

Product name: GLOBAL SYNGAS MARKET FORECAST 2017-2026

Product link: <https://marketpublishers.com/r/G4EC665BDF3EN.html>

Price: US\$ 2,500.00 (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/G4EC665BDF3EN.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