

# Syngas and Derivatives: Market Research Report

<https://marketpublishers.com/r/S5E1B29952BEN.html>

Date: January 2015

Pages: 237

Price: US\$ 4,500.00 (Single User License)

ID: S5E1B29952BEN

## Abstracts

This report analyzes the worldwide markets for Syngas and Derivatives in MW Thermal by the following End-Use Applications: Liquid Fuels, Chemicals, and Others. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East & Africa, and Latin America. Annual estimates and forecasts are provided for the period 2014 through 2020. Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 63 companies including many key and niche players such as -

Air Liquide

Air Products and Chemicals, Inc.

BASF SE

Chicago Bridge & Iron Company N.V

Amec Foster Wheeler AG

## Contents

### I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations  
Disclaimers  
Data Interpretation & Reporting Level  
Quantitative Techniques & Analytics  
Product Definitions and Scope of Study  
Syngas

### II. EXECUTIVE SUMMARY

#### 1. INDUSTRY OVERVIEW

Syngas – A Prelude  
Current & Future Analysis  
Developing Regions Lead Syngas Consumption  
Flexible Feedstock Benefits Syngas Production

#### 2. NOTEWORTHY TRENDS, DRIVERS & CHALLENGES

Focus on Clean Fuels Sets the Stage for Syngas in Liquid Fuel Applications

**Table 1.** Global Green House Gas Emissions by Source (2013) (includes corresponding Graph/Chart)

**Table 2.** Carbon Dioxide Emissions by Source (2013) (includes corresponding Graph/Chart)

Emissions Regulations Landscape in Major Country/Region  
Growth in Global Liquid Fuels Market Signals Opportunities for Syngas

**Table 3.** Global Consumption of Liquid Fuels (2025 & 2040): Percentage Breakdown of Volume Consumption by Select Geographic Region/Country (includes corresponding Graph/Chart)

Need to Reduce Dependence on Fossil Fuels to Drive Opportunities for Syngas  
Surging Energy Consumption & Search for Clean Energy – An Opportunity to Tap for Syngas

**Table 4.** Estimated Global Demand for Primary Energy and Electricity for the Years 2015-2035 (includes corresponding Graph/Chart)

**Table 5.** Global Energy Demand (2040P): Percentage Share Breakdown of Demand by Energy Source (includes corresponding Graph/Chart)

Rapid Urbanization Strengthens Market Prospects

**Table 6.** Total Population Worldwide by Urban and Rural Population in Thousands: 2000-2050P (includes corresponding Graph/Chart)

**Table 7.** Most Populous Cities in the World (2014) (includes corresponding Graph/Chart)

**Table 8.** Estimated Percentage of Urbanization in World, China and India for the Years 2011 and 2018 (includes corresponding Graph/Chart)

Expanding Applications of Methanol Spur Demand for Syngas  
Methanol Generates a New Wave of Interest as Alternative Fuel  
Government Measures to Drive Adoption of Methanol Blended Gasoline  
DME – A Rising Star in the Global Energy Arena  
A Glance at Operational/Planned DME Projects Worldwide  
China: The Leading Methanol Producer

**Table 9.** Global Methanol Production (2013) - Percentage Share Breakdown of Production Capacity by Geographic Region (includes corresponding Graph/Chart)

**Table 10.** Global Methanol Market (2013): Percentage Share Breakdown of Production Volume by Country - China, Iran, Russia, Saudi Arabia, Trinidad, and Others (includes corresponding Graph/Chart)

Chinese and Middle East Producers Gear Up for Fierce Competition

## Growing Market for Hydrogen Signals Potential for Syngas

**Table 11.** Global Market for Hydrogen by Geographic Region (2014): Percentage Breakdown of Volume Consumption for Asia-Pacific (excluding China), China, US, Western Europe, and Others (includes corresponding Graph/Chart)

## Strong Demand for Fertilizers Promotes Syngas Production & Consumption

**Table 12.** Global Population Estimates (2000-2050) (includes corresponding Graph/Chart)

**Table 13.** World Fertilizer Market (2014): Percentage Share Breakdown of Volume Demand by Type of Fertilizer (includes corresponding Graph/Chart)

**Table 14.** Global Market for Ammonia by End-use Application (2014): Percentage Breakdown of Volume Consumption for Ammonium Nitrate, DAP/MAP, Direct Application, Urea, Other Fertilizers, and Non-Fertilizers (includes corresponding Graph/Chart)

## China Dominates Global Production of Ammonia

**Table 15.** Leading Ammonia Producing Nations Worldwide (2013 & 2014): Breakdown of Annual Production Capacity by Country (In Thousand Metric Tons & %) (includes corresponding Graph/Chart)

## Anticipated Rise in Biofuels to Spur Growth in Syngas

**Table 16.** Average Biofuel Yields of First Generation Feedstocks (includes corresponding Graph/Chart)

## Global Biofuel Blending Targets

Technology Advances to Support Eco-Friendly Production of Syngas

Scientists Identify Innovative Clean Approach for Syngas Production

NCF Develops Process to Turn Waste from Factory into Syngas

SOLAR-JET Project Demonstrates Syngas Production Using Concentrated Solar Power

Anticipated Technology Developments in the Future  
Natural Gas – An Abundant Feedstock for Syngas Production

**Table 17.** World Proven Natural Gas Reserves (2013): Percentage Share Breakdown of Volume Reserves by Geographic Region (includes corresponding Graph/Chart)

**Table 18.** Global Natural Gas Market (2013): Percentage Share Breakdown of Production by Geographic Region (includes corresponding Graph/Chart)

Coal Gasification: Vital to Realize Low Carbon Economy in Reality  
Coal Gaining Prominence as Feedstock in Syngas Production

**Table 19.** Coal-Derived Syngas (2014): Percentage Share Breakdown of Production by Application - Chemicals, Fischer-Tropsch (FT) Liquids, Gaseous Fuels, and Power Generation (includes corresponding Graph/Chart)

**Table 20.** World Coal Reserves by Country (2014): Percentage Breakdown of Proved Reserves for Australia, China, India, Indonesia, Russia, South Africa, Ukraine, and US (includes corresponding Graph/Chart)

**Table 21.** Leading Global Producers of Coal (2014): Percentage Breakdown of Volume Production for Australia, China, India, Indonesia, Russia, South Africa, US, and Others (includes corresponding Graph/Chart)

Gasification – The Answer to Increasing Demand for Clean Energy?  
Leading Commercial Gasification Plants Under Construction/Planning Stages

**Table 22.** World Gasification Plants by Geographic Region (2015): Percentage Breakdown of Total Production Capacity for Asia/Australia, Europe, Middle East/Africa, and North America (includes corresponding Graph/Chart)

**Table 23.** World Gasification Plants by Geographic Region (2015): Percentage Breakdown of Total Operating Capacity for Asia/Australia, Europe, Middle East/Africa, and North America (includes corresponding Graph/Chart)

### 3. PRODUCT OVERVIEW

What is Syngas?

Uses of Synthesis Gas

Production of Syngas

Production of Syngas and Derivatives

The Heating Phase

The Reaction Phase

The Purification Phase

The Catalytic Phase

Feedstocks for Syngas Production

Coal

Natural Gas

Petcoke

Biomass

Syngas & Derivatives

Methanol

Ammonia

Hydrogen

Other Derivatives

#### **4. STRATEGIC CORPORATE DEVELOPMENTS**

Amec Foster Wheeler Secures Contract for Technical and Engineering Services

IHI Commences Operation of Prototype Plant

BASF Signs Distribution Agreement with Kinetix

Synthesis Energy Systems Commissions Syngas Gasification Plant

Linde Authorizes Air Separation Unit

SinoCoking Announces Intentions Convert Underground Coal to Syngas

SinoCoking Announces Plans to Change Name to Clean Synthetic Technologies Corp.

Dengfeng Power, TSEC, and Synthesis Energy Systems Launch Study for Clean Coal Distributed Power

SinoCoking Commences Syngas Plant

CB&I Secures Contract for Gasification Unit from Sincier Petrochemical

Petrostar Petroleum and Maverick Synfuels Enter Joint Syngas Production Agreement

Greenearth Secures US\$3. 2 Million Funding for Syngas Technology Development

Coal India to Commence Synthetic Gas Production

Eurosol Italia Introduces New Syngas Technology

Air Products Secures Contract from Bharat Petroleum

Primus Green Energy Commissions Demo Plant

BP Unveils SaaBre

Federal Ministry of Education and Research Awards €9. 2 Million in Grants for Sustainable Syngas Production

SES and GE Enter Agreement to Jointly Promote Small-scale Syngas Power Generation Unit

## 5. FOCUS ON SELECT GLOBAL PLAYERS

Air Liquide (France)

Air Products and Chemicals, Inc. (US)

BASF SE (Germany)

Chicago Bridge & Iron Company N. V. (The Netherlands)

Amec Foster Wheeler AG (Switzerland)

Haldor Topsoe A/S (Denmark)

KBR Inc. (US)

KT - Kinetics Technology SpA (Italy)

Methanex Corporation (Canada)

Sasol Limited (South Africa)

SynGas Technology LLC (US)

Technip S. A. (France)

The Linde Group (Germany)

Royal Dutch Shell Plc (The Netherlands)

Yara International ASA (Norway)

## 6. GLOBAL MARKET PERSPECTIVE

**Table 24.** World Recent Past, Current & Future Analysis for Syngas & Derivatives by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 25.** World Historic Review for Syngas & Derivatives by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 26.** World 14-Year Perspective for Syngas & Derivatives by Geographic Region/Country - Percentage Breakdown of Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

**Table 27.** World Recent Past, Current & Future Analysis for Syngas & Derivatives Use in Liquid Fuels Application by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 28.** World Historic Review for Syngas & Derivatives Use in Liquid Fuels Application by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 29.** World 14-Year Perspective for Syngas & Derivatives Use in Liquid Fuels Application by Geographic Region/Country - Percentage Breakdown of Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

**Table 30.** World Recent Past, Current & Future Analysis for Syngas & Derivatives Use in Chemicals Application by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 31.** World Historic Review for Syngas & Derivatives Use in Chemicals Application by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 32.** World 14-Year Perspective for Syngas & Derivatives Use in Chemicals Application by Geographic Region/Country - Percentage Breakdown of Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding



Graph/Chart)

**Table 33.** World Recent Past, Current & Future Analysis for Syngas & Derivatives Use in Other End-use Applications by Geographic Region/ Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 34.** World Historic Review for Syngas & Derivatives Use in Other End-use Applications by Geographic Region/Country - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 35.** World 14-Year Perspective for Syngas & Derivatives Use in Other End-use Applications by Geographic Region/Country - Percentage Breakdown of Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin America Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

### III. MARKET

#### 1. THE UNITED STATES

##### A. Market Analysis

##### Current and Future Analysis

##### Drop in Natural Gas Prices to Support Syngas Production

**Table 36.** Technically Recoverable Shale Gas Resource (in tcf) by Country (includes corresponding Graph/Chart)

##### Strong Case for Adoption of Methanol Fuel for Transportation

##### Open Fuel Standard to Boost Methanol Fuel Demand

##### California – The Epicenter of Pioneering Efforts

##### US Plans New Methanol Capacities Riding on the Cheap Feedstock Wave

**Table 37.** Under-Construction Methanol Plants in the US (includes corresponding

Graph/Chart)

Chemistry Breakthroughs Aid Methanol Production

Mandate on Coal Plant CO<sub>2</sub> Emissions: Dampening New Methanol Production

Approach

Strategic Corporate Developments

Key Players

B. Market Analytics

**Table 38.** US Recent Past, Current & Future Analysis for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 39.** US Historic Review for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 40.** US 14-Year Perspective for Syngas & Derivatives by End-use Application - Percentage Breakdown of Consumption for Liquid Fuels, Chemicals, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

## 2. CANADA

A. Market Analysis

Current and Future Analysis

Strategic Corporate Development

Methanex Corporation – Key Player

B. Market Analytics

**Table 41.** Canadian Recent Past, Current & Future Analysis for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 42.** Canadian Historic Review for Syngas & Derivatives by End-use Application -

Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 43.** Canadian 14-Year Perspective for Syngas & Derivatives by End-use Application - Percentage Breakdown of Consumption for Liquid Fuels, Chemicals, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

### 3. JAPAN

Market Analysis

**Table 44.** Japanese Recent Past, Current & Future Analysis for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 45.** Japanese Historic Review for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 46.** Japanese 14-Year Perspective for Syngas & Derivatives by End-use Application - Percentage Breakdown of Consumption for Liquid Fuels, Chemicals, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

### 4. EUROPE

Market Analysis

**Table 47.** European Recent Past, Current & Future Analysis for Syngas & Derivatives by Geographic Region/Country - France, Germany, Italy, UK, and Rest of Europe Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 48.** European Historic Review for Syngas & Derivatives by Geographic Region/Country - France, Germany, Italy, UK, and Rest of Europe Markets

Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 49.** European 14-Year Perspective for Syngas & Derivatives by Geographic Region/ Country - Percentage Breakdown of Consumption for France, Germany, Italy, UK, and Rest of Europe Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

**Table 50.** European Recent Past, Current & Future Analysis for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 51.** European Historic Review for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 52.** European 14-Year Perspective for Syngas & Derivatives by End-use Application - Percentage Breakdown of Consumption for Liquid Fuels, Chemicals, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

#### **4A. FRANCE**

- A. Market Analysis
  - Current and Future Analysis
  - Key Players
- B. Market Analytics

**Table 53.** French Recent Past, Current & Future Analysis for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 54.** French Historic Review for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **4B. GERMANY**

- A. Market Analysis
  - Current and Future Analysis
  - Strategic Corporate Development
  - Key Players
- B. Market Analytics

**Table 55.** German Recent Past, Current & Future Analysis for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 56.** German Historic Review for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **4C. ITALY**

- A. Market Analysis
  - Current and Future Analysis
  - Strategic Corporate Development
  - KT-Kinetics Technology SpA - Key Player
- B. Market Analytics

**Table 57.** Italian Recent Past, Current & Future Analysis for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 58.** Italian Historic Review for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **4D. THE UNITED KINGDOM**

- A. Market Analysis
  - Current and Future Analysis
  - Strategic Corporate Development
- B. Market Analytics

**Table 59.** UK Recent Past, Current & Future Analysis for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 60.** UK Historic Review for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **4E. REST OF EUROPE**

- A. Market Analysis
  - Current and Future Analysis
  - Key Players
- B. Market Analytics

**Table 61.** Rest of Europe Recent Past, Current & Future Analysis for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 62.** Rest of Europe Historic Review for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

#### **5. ASIA-PACIFIC**

- A. Market Analysis
  - Market Overview
  - Asia-Pacific: Syngas Benefits from Rising Demand for Fertilizers & Ammonia
- B. Market Analytics

**Table 63.** Asia-Pacific Recent Past, Current & Future Analysis for Syngas & Derivatives by Geographic Region/Country - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 64.** Asia-Pacific Historic Review for Syngas & Derivatives by Geographic Region/Country - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 65.** Asia-Pacific 14-Year Perspective for Syngas & Derivatives by Geographic Region/ Country - Percentage Breakdown of Consumption for China and Rest of Asia-Pacific Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

**Table 66.** Asia-Pacific Recent Past, Current & Future Analysis for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 67.** Asia-Pacific Historic Review for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 68.** Asia-Pacific 14-Year Perspective for Syngas & Derivatives by End-use Application - Percentage Breakdown of Consumption for Liquid Fuels, Chemicals, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

## **5A. CHINA**

### A. Market Analysis

Current and Future Analysis

High Demand for Methanol Bodes Well for Syngas Market

China Set for Massive Expansion of CTO Production

New CTO Projects in the Pipeline

**Table 69.** CTO/MTO Projects in China (2014-2015)

Strategic Corporate Developments

### B. Market Analytics

**Table 70.** Chinese Recent Past, Current & Future Analysis for Syngas & Derivatives

Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 71.** Chinese Historic Review for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

## **5B. REST OF ASIA-PACIFIC**

### A. Market Analysis

Current and Future Analysis

India: Challenges facing Syngas Production from Coal

Strategic Corporate Developments

### B. Market Analytics

**Table 72.** Rest of Asia-Pacific Recent Past, Current & Future Analysis for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 73.** Rest of Asia-Pacific Historic Review for Syngas & Derivatives Market Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

## **6. MIDDLE EAST & AFRICA**

### A. Market Analysis

Market Overview

**Table 74.** Operating Capacity of Syngas Plants in Middle East & Africa (2010, 2015 & 2020) (In MW Thermal) (includes corresponding Graph/Chart)

Middle East's Leadership in Methanol Supply: Opportunity for Syngas Producers

**Table 75.** Under Construction & Proposed Methanol Projects in Iran (includes corresponding Graph/Chart)



Sasol Limited – Key South African Player

## B. Market Analytics

**Table 76.** Middle East & Africa Recent Past, Current & Future Analysis for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 77.** Middle East & Africa Historic Review for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 78.** Middle East & Africa 14-Year Perspective for Syngas & Derivatives by End-use Application - Percentage Breakdown of Consumption for Liquid Fuels, Chemicals, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

## 7. LATIN AMERICA

### Market Analysis

**Table 79.** Latin American Recent Past, Current & Future Analysis for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2014 through 2020 (includes corresponding Graph/Chart)

**Table 80.** Latin American Historic Review for Syngas & Derivatives by End-use Application - Liquid Fuels, Chemicals, and Others Markets Independently Analyzed with Annual Consumption Figures in MW Thermal for Years 2007 through 2013 (includes corresponding Graph/Chart)

**Table 81.** Latin American 14-Year Perspective for Syngas & Derivatives by End-use Application - Percentage Breakdown of Consumption for Liquid Fuels, Chemicals, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

## IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 63 (including Divisions/Subsidiaries - 66)

The United States (30)

Canada (3)

Japan (1)

Europe (23)

France (3)

Germany (5)

The United Kingdom (3)

Italy (3)

Rest of Europe (9)

Asia-Pacific (Excluding Japan) (8)

Africa (1)

## I would like to order

Product name: Syngas and Derivatives: Market Research Report

Product link: <https://marketpublishers.com/r/S5E1B29952BEN.html>

Price: US\$ 4,500.00 (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/S5E1B29952BEN.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