Methanol - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Methanol in Thousand Tons by the following End-Use Segments: Formaldehyde, Acetic Acid, MTBE (Methyl Tertiary-Butyl Ether), Dimethyl Ether (DME), Gasoline Blending/Combustion Biofuels, and Others. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2013 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 99 companies including many key and niche players.

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
   Study Reliability and Reporting Limitations
   Disclaimers
   Data Interpretation & Reporting Level
   Quantitative Techniques & Analytics
   Product Definition and Scope of Study
   Formaldehyde
   Acetic Acid
   Methyl Tert Butyl Ether
   Dimethyl Ether (DME)
   Gasoline Blending/Combustion Biofuels
   Other End-Use Segments
   Methyl Methacrylate (MMA)
   Dimethyl Terephthalate (DMT)
   Methylamines
   Chloromethanes
   Methanol-to-Olefins/Methanol-to-Propylene (MTO/MTP)
   Solvents and Others

II. EXECUTIVE SUMMARY

1. MARKET OVERVIEW
   A Primer
   Impact of Recession in Retrospect
   Improvement in GDP Bodes Well for the Methanol Market
   Table 1: Developing Vis-à-vis Developed Regions: Real GDP Growth Rates Across Various Countries (2012-2015F) (includes corresponding Graph/Chart)
   Production Scenario
   Table 2: Worldwide Methanol Nameplate Capacity and Operating Rate (2007-2016P) (In Million Metric Tons and %) (includes corresponding Graph/Chart)
   Developing Regions Charge Ahead in Methanol Production
   Table 3: High Probability Methanol Capacity Expansions in North America (2014 & 2015) (includes corresponding Graph/Chart)
   China - The Largest Methanol Producing Nation
   Table 4: Global Methanol Production (2013) - Percentage Share Breakdown of Production Capacity by Geographic Region (includes corresponding Graph/Chart)
   Table 5: 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
   Overcapacity Looms Menacingly Over Methanol Industry
   Major End-Use Markets: An Overview
   Formaldehyde Production: The Largest Methanol End-Use Category
   Gasoline Blending/Combustion Biofuels - Fastest Growing Segment
   MTBE/TAME: Environmental Regulations Affect Demand
   Acetic Acid: A Key Derivative of Methanol
Methanol Carbonylation - The Predominant Acetic Acid Manufacturing Process

Table 6: Global Acetic Acid Production (2013): Percentage Breakdown of Production Capacity by Technology
Acetaldehyde Oxidation, Ethyl Alcohol, Methanol Carbonylation and Others (includes corresponding Graph/Chart)

Acetic Acid Capacity Expansions to Bode Well for Methanol Demand

Table 7: Global Acetic Acid Capacity Additions for the Years 2012 through 2018 (includes corresponding Graph/Chart)

Pricing Scenario

Table 8: Methanol & Crude Oil Pricing: A Comparative Trend (includes corresponding Graph/Chart)

Table 9: Methanol Price Trend in North America, Europe and Asia

Competitive Scenario

Table 10: Leading Players in World Methanol Market (2013): Percentage Share Breakdown of Sales Volume for Methanex Corporation, Methanol Holdings (Trinidad) Limited (MHTL), Mitsubishi Corporation, Mitsubishi Gas Chemical (MGC), Mitsui, PETRONAS, Saudi Basic Industries Corporation (SABIC), Zagros, and Others (includes corresponding Graph/Chart)

2. NOTEWORTHY MARKET TRENDS & ISSUES

Chemical Intermediates Lose Share to Energy Applications

Diverse Feedstock Makes Methanol a Desired Source of Fuel

Table 11: Average Methanol Feedstock Prices in Select Regions
North America, Western Europe, China, Latin America and Middle East (In $/MMBTU) (includes corresponding Graph/Chart)

Methanol Generates a New Wave of Interest as Alternative Fuel

Government Measures to Drive Adoption of Methanol Blended Gasoline

Emerging Economies Drive Demand for MTBE

DME - A Rising Star in Global Energy Arena

A Glance at Operational/Planned DME Projects Worldwide

Cleaner Methanol as the Shipping Industry's Future Fuel

Methanol Production from CO2 Recycling - Questions Remain to be answered

Directives Aid Renewable Methanol Market

Select Renewable Fuel Regulations

High Production Costs Hamper Bio-methanol Growth

China Spearheads Global MTO Market

Fuel Cells - An Untapped Goldmine

Methanol Fuel Cells: A Steady Progress

Methanol to See Higher Demand in Fuel Applications

Energy Sector - The Key Demand Driver for Biomethanol

Concerns over First Generation Biofuels Extend Opportunity for Biomethanol

Shale Gas Discoveries Disrupt Worldwide Petrochemical Market

Table 12: Technically Recoverable Shale Gas by Geographic Region (includes corresponding Graph/Chart)

3. PRODUCT OVERVIEW

Physical and Chemical Properties

Methanol Manufacturing Process

Feed Purification

Reforming

Methanol Synthesis

Methanol Purification

Methods of Preparing Methanol

Low Pressure Gas-Solid Phase Method

Liquid Phase Synthetic Method

Pasty Bed Technique

Liquid Complexation Catalyzing Method

Methane Oxidation Method

Biomethanol Synthesis

Advantages of Methanol

Low Pollution

Fuel Supply Options

Fire Safety

High Performance

Cost Effective

Myriad Application Areas

Methanol Fuel and Chemical Uses
Environmental Issues and Regulations
End Use-Segments
Formaldehyde
Acetic Acid
Chemical and Physical Properties
Grades
Hazards
Methyl Tert Butyl Ether
DME
Alternative Fuels
Other End-Use Segments
Methyl Methacrylate
Dimethyl Terephthalate
Methylamines
Chloromethanes
Methanol-to-Olefins/Methanol-to-Propylene (MTO/MTP)
Solvents and Others

4. RECENT INDUSTRY ACTIVITY
OCI N.V. Acquires Majority Stake in Orascom Construction
Brass Fertilizer to Build Methanol Plant in Nigeria
Haldor to Build the First Methanol and Ammonia Integrated Plant in Russia
Markmore Sdn Bhd Inks Agreement to Build Methanol Facility in Kazakhstan
Petrostar and Maverick to Set Up Methanol Joint Venture in Canada
Celanese to Construct Methanol Plant in the Company's Texas Facility
Maverick and Plant PPE Partner to Market GTL Methanol Plants
Toyota Tsusho Inks Agreement with Oorja Protonics Enters Methanol Fuel-Cell Business
Northwest Innovation to Build Two Methanol Plants in the US
Chinese Companies Mull Construction of Methanol Plant in Texas
Yuhuang Chemical to Build Methanol Project in the US
Northwest Innovation Works to Build Methanol Project in Pacific Northwest
LyonedellBasell Recommences Operations of Texas Plant
Methanex Divests 10% Stake in EMethanex to APICORP
OCI N.V. to Build the Biggest Methanol Facility in the US
Valero to Set Up New Methanol Plant in St.Charles, La
Mitsui and Celanese to Ink Agreement for Methanol JV in Clear Lake, Texas
Mitsubishi Corp and Mitsubishi Gas to Construct Methanol Facility in Caribbean
G2X Energy Inks Licensing Agreement with ExxonMobil Research
Waterfront Shipping to Build Ships with Flex-Fuel Engines
AZMECO and BP Ink Agreement to Construct Methanol Plant in Azerbaijan
GGOEX to Construct Methanol Plant in Nigeria
Assam Petrochemicals to Establish Methanol Plant
Total and Sonatrach Ink Contract for Methanol Plant in Algeria

5. FOCUS ON SELECT GLOBAL PLAYERS
Atlantic Methanol Production Company LLC (US)
BioMCN (The Netherlands)
JSC Metafrax (Russia)
LyonedellBasell Industries NV (The Netherlands)
Metanol de Oriente S.A. (Venezuela)
Methanex Corporation (Canada)
Methanex Chile Limited (Chile)
Methanex New Zealand Ltd. (New Zealand)
Methanol Holdings (Trinidad) Limited (Trinidad & Tobago)
Mitsubishi Gas Chemical Company, Inc. (Japan)
Mitsui & Co. Ltd. (Japan)
National Petrochemical Company (Iran)
PETRONAS (Malaysia)
Qatar Fuel Additives Company Ltd. (Qatar)
Repsol (Spain)
Saudi Basic Industries Corporation (Saudi Arabia)
Saudi International Petrochemical Company (Saudi Arabia)
6. GLOBAL MARKET PERSPECTIVE

Table 13: World Recent Past, Current & Future Analysis for Methanol by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 14: World Historic Review for Methanol by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 15: World 15-Year Perspective for Methanol by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 16: World Recent Past, Current & Future Analysis for Methanol in Formaldehyde by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 17: World Historic Review for Methanol in Formaldehyde by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 18: World 15-Year Perspective for Methanol in Formaldehyde by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 19: World Recent Past, Current & Future Analysis for Methanol in Acetic Acid by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 20: World Historic Review for Methanol in Acetic Acid by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 21: World 15-Year Perspective for Methanol in Acetic Acid by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 22: World Recent Past, Current & Future Analysis for Methanol in MTBE/TAME by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 23: World Historic Review for Methanol in MTBE/TAME by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 24: World 15-Year Perspective for Methanol in MTBE/TAME by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 25: World Recent Past, Current & Future Analysis for Methanol in DME by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 26: World Historic Review for Methanol in DME by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 27: World 15-Year Perspective for Methanol in DME by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

Table 28: World Recent Past, Current & Future Analysis for Methanol in Gasoline Blending/Combustion Biofuels by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 29: World Historic Review for Methanol in Gasoline Blending/Combustion Biofuels by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012
III. MARKET

1. THE UNITED STATES

A. Market Analysis

Market Overview

Methanol - The Lost Fortress: A Past Perspective

US Plans New Methanol Capacities Riding on the Cheap Feedstock Wave

Table 34: Under-Construction Methanol Plants in the US (includes corresponding Graph/Chart)

Chemistry Breakthroughs Aid Methanol Production

Mandate on Coal Plant CO2 Emissions: Dampening New Methanol Production Approach

US Witnesses Drop in Natural Gas Prices

US EPA Puts On Hold Methanol Study

US EPA’s Renewable Fuel Standard

Strong Case for Adoption of Methanol Fuel for Transportation

Open Fuel Standard to Boost Methanol Fuel Demand

California - The Epicenter of Pioneering Efforts

Trade Statistics

Table 35: US Exports of Methanol (2013) - Percentage Breakdown of Value Exports by Destination Country
(includes corresponding Graph/Chart)

Table 36: US Imports of Methanol (2013) - Percentage Breakdown of Value Imports by Country of Origin
(includes corresponding Graph/Chart)

Strategic Corporate Developments

Atlantic Methanol Production Company LLC - A Key Player

B. Market Analytics

Table 37: US Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde,
Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently
Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes
corresponding Graph/Chart)

Table 38: US Historic Review for Methanol by End-Use Segment

Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets
Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012
(includes corresponding Graph/Chart)

Table 39: US 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume
Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/ Combustion Biofuels
and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

2. CANADA

A. Market Analysis

Outlook

Methanol Trade Statistics

Table 40: Canadian Exports of Methanol (2013) - Percentage Breakdown of Value Exports by Destination
Country (includes corresponding Graph/Chart)

Table 41: Canadian Imports of Methanol (2013) - Percentage Breakdown of Value Imports by Country of
Origin (includes corresponding Graph/Chart)

Strategic Corporate Development
Methanex Corporation - A Leading Canadian Player

B. Market Analytics
Table 42: Canadian Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 43: Canadian Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 44: Canadian 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

3. JAPAN
A. Market Analysis
Outlook
Strategic Corporate Developments
Key Players

B. Market Analytics
Table 45: Japanese Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 46: Japanese Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 47: Japanese 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4. EUROPE
A. Market Analysis
Outlook
A Structurally Tight Methanol Market in Europe
Recession Drubs Methanol Demand in Europe
Methanol Use Remains Confined to Light Blends
Environmental Awareness Drives Adoption of Methanol
Methanol Pricing Trends in Europe
EU Policy Landscape
Methanol Trade Statistics
Table 48: EU28 Imports of Methanol (2013) - Percentage Breakdown of Volume Imports by Country of Origin (includes corresponding Graph/Chart)
Table 49: EU28 Exports of Methanol (2013) - Percentage Breakdown of Volume Exports by Destination Country (includes corresponding Graph/Chart)

B. Market Analytics
Table 50: European Recent Past, Current & Future Analysis for Methanol by Geographic Region - France, Germany, Italy, UK, Spain, Russia & Rest of Europe Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 51: European Historic Review for Methanol by Geographic Region - France, Germany, Italy, UK, Spain, Russia & Rest of Europe Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 52: European 15-Year Perspective for Methanol by Geographic Region - Percentage Breakdown of Volume Consumption for France, Germany, Italy, UK, Spain, Russia & Rest of Europe Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 53: European Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 54: European Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding
Table 55: European 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4a. FRANCE
Market Analysis
Table 56: French Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 57: French Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 58: French 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4b. GERMANY
Market Analysis
Table 59: German Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 60: German Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 61: German 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4c. ITALY
Market Analysis
Table 62: Italian Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 63: Italian Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 64: Italian 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4d. THE UNITED KINGDOM
Market Analysis
Table 65: UK Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 66: UK Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 67: UK 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

4e. SPAIN
A. Market Analysis
Outlook
Repsol - A Key Player
B. Market Analytics
Table 68: Spanish Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes
corresponding Graph/Chart)
Table 69: Spanish Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 70: Spanish 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
4f. RUSSIA
A. Market Analysis
Market Overview
Strategic Corporate Development
JSC Metafrax - A Key Player
B. Market Analytics
Table 71: Russian Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 72: Russian Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 73: Russian 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
4g. REST OF EUROPE
A. Market Analysis
Outlook
Strategic Corporate Development
Key Players
B. Market Analytics
Table 74: Rest of Europe Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 75: Rest of Europe Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 76: Rest of Europe 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
5. ASIA-PACIFIC
A. Market Analysis
Outlook
Asian MTBE Supply and Demand to Stabilize
Table 77: Asia-Pacific Methanol Production (2011): Breakdown of Nameplate Production Capacity in MTPY for Producers - Petronas, Methanex, Brunei Methanol Company, Kaltim Methanol, Gujarat Narmada Valley Fertilizers Company, Deepak Fertilizers & Petrochemicals Corporation, Rashtriya Chemicals & Fertilizers, Chinese Producers and Others (includes corresponding Graph/Chart)
Methanol Pricing Scenario in Asia
Table 78: Asia-Pacific Fuel Price Comparison (2006, 2012 & 2018): Breakdown of Average Prices Expressed in Methanol Equivalent for Types - Methanol, Gasoline, Propane, Crude Oil and Heating Oil (In $/Metric ton) (includes corresponding Graph/Chart)
B. Market Analytics
Table 79: Asia-Pacific Recent Past, Current & Future Analysis for Methanol by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 80: Asia-Pacific Historic Review for Methanol by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 81: Asia-Pacific 15-Year Perspective for Methanol by Geographic Region - Percentage Breakdown of
Volume Consumption for China, India and Rest of Asia-Pacific Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 82: Asia-Pacific Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 83: Asia-Pacific Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 84: Asia-Pacific 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
5a. CHINA
A. Market Analysis
Market Overview
China - The Global Methanol Hub
Chinese Methanol Market: Raw Materials Scenario among Major Producers (2011)
Domestic Demand not on Par with Production
Carbon Capture Policy in China
Provincial Methanol Blending Standards in China (2013)
MTO - A Promising Application
Chinese Set for Massive Expansion of CTO Production
Upcoming CTO/MTO Projects in China (2014-2015)
Gasoline and DME - The Major Driving Forces for the Chinese Methanol Market
Legislators Dither over Methanol Policy
Lack of National Standards - A Major Concern
Lower Domestic Operating Rates Incite China to Impose Anti-Dumping Duties
Transportation - A Major Hurdle for Methanol Distribution
Overcapacity & Under-Utilization Characterize Methanol Industry Landscape
Table 85: Fragmentation in Chinese Methanol Industry (2013): Percentage Share Breakdown of Number of Manufacturing Units by Production Capacities (includes corresponding Graph/Chart)
Table 86: Chinese Methanol Production by Region (2013): Percentage Breakdown of Production Capacities for North, North East, Northwest, Central, East, Southwest and South Regions (includes corresponding Graph/Chart)
Coal-based Methanol Industry: Fragmented Conditions
Table 87: Leading Players in the Chinese Coal-based Methanol Market (2012): Ranked by Production Capacity (in '000 mt per annum) (includes corresponding Graph/Chart)
Local Producers at Competitive Disadvantage
Methanol Pricing Scenario in China
Methanol Trade: An Overview
Table 88: Chinese Methanol Imports (2013): Percentage Share Breakdown of Import Volume by Country of Origin (includes corresponding Graph/Chart)
B. Market Analytics
Table 89: Chinese Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 90: Chinese Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 91: Chinese 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
5b. INDIA
A. Market Analysis
Outlook
Market Overview
Major Methanol Producers in India
Strategic Corporate Development
B. Market Analytics
Table 92: Indian Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 93: Indian Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 94: Indian 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

5c. REST OF ASIA-PACIFIC
A. Market Analysis
Outlook
Select Markets
South Korea
Malaysia
Strategic Corporate Development
Key Players
B. Market Analytics
Table 95: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 96: Rest of Asia-Pacific Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 97: Rest of Asia-Pacific 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

6. LATIN AMERICA
A. Market Analysis
Outlook
Market Overview
Production Capacity
Table 98: Latin America Methanol Production (2011): Breakdown of Nameplate Production Capacity in MTPY for Producers - Methanex, MHTL, Metor, Supermetanol, Repsol, PEMEX and Others (includes corresponding Graph/Chart)
B. Market Analytics
Table 99: Latin American Recent Past, Current & Future Analysis for Methanol by Geographic Region - Brazil, Mexico and Rest of Latin America Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 100: Latin American Historic Review for Methanol by Geographic Region - Brazil, Mexico and Rest of Latin America Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 101: Latin American 15-Year Perspective for Methanol by Geographic Region - Brazil, Mexico and Rest of Latin America Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 102: Latin American Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 103: Latin American Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 104: Latin American 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

6a. BRAZIL
Market Analysis
Table 105: Brazilian Recent Past, Current & Future Analysis for Methanol by End-Use Segment -
Formaldehyde, Acetic Acid, MTBE/ TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 106: Brazilian Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 107: Brazilian 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

6b. MEXICO

Market Analysis

Table 108: Mexican Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/ TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 109: Mexican Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 110: Mexican 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

6c. REST OF LATIN AMERICA

A. Market Analysis

Outlook

Argentina

Key Players

B. Market Analytics

Table 111: Rest of Latin America Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/ TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 112: Rest of Latin America Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 113: Rest of Latin America 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

7. REST OF WORLD

A. Market Analysis

Middle East & Africa Market: An Overview

Saudi Arabia Leads the MEA Methanol Market

Iran: Another Key Methanol Market

Table 114: Under Construction & Proposed Methanol Projects in Iran (includes corresponding Graph/Chart)

Methanol Production Capacity in Middle East & Africa: Historic Perspective

Table 115: Middle East & Africa Methanol Market (2011): Breakdown of Nameplate Production Capacity in MTPY for Producers - Ar Razi, Zagros PC, Salalah Methanol, EMethanex, AMPCO, IMC, Oman Methanol, Fanavaran PC, Ibn Sina, QAFAC, Kharg, NOC, GPIC, Chemanol, ENIP and Others (includes corresponding Graph/Chart)

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 116: Rest of World Recent Past, Current & Future Analysis for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 117: Rest of World Historic Review for Methanol by End-Use Segment - Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets Independently Analyzed with Annual Consumption Figures in Thousand Tons for Years 2006 through 2012 (includes corresponding
Table 118: Rest of World 15-Year Perspective for Methanol by End-Use Segment - Percentage Breakdown of Volume Consumption for Formaldehyde, Acetic Acid, MTBE/TAME, DME, Gasoline Blending/Combustion Biofuels and Other Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 99 (including Divisions/Subsidiaries - 107)
The United States (15)
Canada (2)
Japan (7)
Europe (26)
- France (1)
- Germany (3)
- The United Kingdom (1)
- Italy (1)
- Spain (2)
- Rest of Europe (18)
Asia-Pacific (Excluding Japan) (32)
Latin America (4)
Africa (4)
Middle East (17)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/338607/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name:  Methanol - Global Strategic Business Report
Web Address:  http://www.researchandmarkets.com/reports/338607/
Office Code:  SCH3N6WA

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format Description</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 4950</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td></td>
<td>USD 6930</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users</td>
<td></td>
<td>USD 9405</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users</td>
<td></td>
<td>USD 11880</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:  Mr  Mrs  Dr  Miss  Ms  Prof
First Name:  
Last Name:  
Email Address:  *
Job Title:  
Organisation:  
Address:  
City:  
Postal / Zip Code:  
Country:  
Phone Number:  
Fax Number:  

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World