

# Ethylene Industry in Asia Pacific

<https://marketpublishers.com/r/E6832280F63EN.html>

Date: September 2011

Pages: 465

Price: US\$ 650.00 (Single User License)

ID: E6832280F63EN

## Abstracts

Ethylene is the world's most produced gaseous organic compound. Middle East and Asia are all set to emerge as the world's largest ethylene producing regions. Key to increasing capacities is the availability of low cost raw materials. The Asia-Pacific region will continue to dominate the market in the future and generate more than a third of the worldwide demand. The pioneer in the Asia Pacific region will be China, rising to become the greatest ethylene consumer worldwide and will therefore drive out the United States to the second place, followed by Saudi Arabia.

Asia Pacific had the largest capacity and demand shares of 38% and 65% respectively in the year 2010. The rapidly growing economy combined with a huge population base is expected to lead the increased demand for PET in the Asia Pacific region in the near future. This increased PET demand is set to drive the growth of the Ethylene Glycol (EG) market in the region. The Asia Pacific EG market has witnessed a rapid growth in the last decade and its production capacity has nearly doubled from 2000 to 2010.

Leading regional players operating in the market include Formosa Plastics Group, Honam Petrochemical Corporation, Idemitsu Kosan Co., Mitsubishi Chemical Corporation, Mitsui Chemicals, Nova Chemicals Corp, PEMEX Mexicanos, Royal Dutch Shell plc, Saudi Basic Industries Corporation (SABIC), Sinopec, Beijing Yanhua Petrochemical Co Ltd and SK Energy. Among the most important buyers are producers of HDPE. They account for a third of ethylene demand. In the second place are producers of LLDPE and LDPE. HDPE is primarily used for packaging and construction materials.

Along with the capacity developments in the Middle East has come acceleration in capacity addition in Asia, primarily in China. Following long delays to the first world scale Chinese cracker projects developed by Chinese producers in joint ventures with BASF, Shell and BP, projects in China are increasing in number, scale and speed of

development. Projects are increasingly integrated with plants, and exploit the advantages of lower fixed cost and proximity to markets relative to investments in the Middle East.

In this industry scenario, Taiyou Research analyzes the Ethylene Industry in Asia Pacific. The report covers the following:

An analysis of the global petrochemicals industry in the aftermath of the Japan earthquake and the nuclear disaster in Japan. We analyze the global petrochemicals industry in 2011 and an outlook for the industry.

An analysis of the ethylene industry in Asia Pacific which includes a market profile, market size, ethylene demand in Asia Pacific, ethylene demand in Asia Pacific by end use sectors, ethylene production in Asia Pacific, the breakdown of the Asia Pacific ethylene market by country, installed ethylene capacity in Asia Pacific by feedstock, by production process and by technology, and the market share of the leading players in the industry. An analysis of the major ethylene projects is also included.

The report includes an analysis of the following regional markets: China, India, Japan, South Korea, Taiwan, and Thailand. Each country profile for the ethylene industry includes an analysis of the following:

Market profile and market size

Ethylene consumption by sector

Ethylene plants in the country

Key feedstock in the industry

Key production processes in the industry

Key technology used in the industry

Market share of the leading players

Import/export statistics of ethylene in the country; and

Ethylene projects wherever available.

Major players are analyzed in the report through a company overview, an analysis of the business segments, major products & services, company strategy, ethylene capacity, share of the ethylene market, and a SWOT analysis. For the minor players, ethylene market capacity is not included.

Companies analyzed in this report include:

China Petroleum & Chemical Corporation (Sinopec)

China National Petroleum Corporation (CNPC)

CNOOC Limited

Formosa Plastics Group

Reliance Industries Limited

BP Plc

Royal Dutch Shell Plc

Idemitsu Kosan Co., Ltd.

Mitsubishi Chemical Corporation

Mitsui Chemicals, Inc.

Saudi Basic Industries Corporation (SABIC)

Shin-Etsu Chemical

SK Energy

Sumitomo Chemical

Total SA

Honam Petrochemical Corporation

NOVA Chemicals Corporation

Industry forecast for the Asia Pacific ethylene industry includes an outlook for demand and production in the region, and a price forecast for the ethylene industry in Asia Pacific. For each country, the outlook included is for ethylene demand and production, ethylene prices, ethylene net exports, and ethylene imports as a percentage of demand.

Taiyou Research's report on the Ethylene Industry in Asia Pacific is a complete profile of this lucrative industry in Asia Pacific that is on its way to becoming one of the world's largest ethylene markets.

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. GLOBAL PETROCHEMICALS INDUSTRY**

- 2.1 Japan Disaster and Impact on the Global Petrochemicals Industry
- 2.2 Global Petrochemicals Industry in 2011
- 2.3 Global Petrochemical Industry Outlook

### **3. ETHYLENE INDUSTRY IN ASIA PACIFIC**

- 3.1 Market Profile
- 3.2 Market Size
- 3.3 Ethylene Demand in Asia Pacific
- 3.4 Ethylene Demand in Asia Pacific by End Use Sectors
- 3.5 Ethylene Production in Asia Pacific
- 3.6 Ethylene Plants in Asia Pacific
- 3.7 Asia Pacific Share of Ethylene Capacity by Country
- 3.8 Installed Ethylene Capacity in Asia Pacific by Feedstock
- 3.9 Installed Ethylene Capacity in Asia Pacific by Production Process
- 3.10 Installed Ethylene Capacity in Asia Pacific by Technology
- 3.11 Market Share of Leading Players
- 3.12 Project Profile of the Industry

### **4. ETHYLENE INDUSTRY IN CHINA**

- 4.1 Market Profile
- 4.2 Market Size
- 4.3 Ethylene Consumption by Sector
- 4.4 Ethylene Plants in China
- 4.5 Key Feedstock in the Industry
- 4.6 Key Production Processes in the Industry
- 4.7 Key Technology Used in the Industry
- 4.8 Market Share of Leading Players
- 4.9 Import/Export of Ethylene
- 4.10 Ethylene Projects in China

### **5. ETHYLENE INDUSTRY IN INDIA**

- 5.1 Market Profile
- 5.2 Market Size
- 5.3 Ethylene Consumption by Sector
- 5.4 Ethylene Plants in India
- 5.5 Key Feedstock in the Industry
- 5.6 Key Production Processes in the Industry
- 5.7 Key Technology Used in the Industry
- 5.8 Market Share of Leading Players
- 5.9 Import/Export of Ethylene
- 5.10 Ethylene Projects in India

## **6. ETHYLENE INDUSTRY IN JAPAN**

- 6.1 Market Profile
- 6.2 Market Size
- 6.3 Ethylene Consumption by Sector
- 6.4 Ethylene Plants in Japan
- 6.5 Key Feedstock in the Industry
- 6.6 Key Production Processes in the Industry
- 6.7 Key Technology Used in the Industry
- 6.8 Market Share of Leading Players
- 6.9 Import/Export of Ethylene

## **7. ETHYLENE INDUSTRY IN SOUTH KOREA**

- 7.1 Market Profile
- 7.2 Market Size
- 7.3 Ethylene Consumption by Sector
- 7.4 Ethylene Plants in South Korea
- 7.5 Key Feedstock in the Industry
- 7.6 Key Production Processes in the Industry
- 7.7 Key Technology Used in the Industry
- 7.8 Market Share of Leading Players
- 7.9 Import/Export of Ethylene

## **8. ETHYLENE INDUSTRY IN TAIWAN**

- 8.1 Market Profile

- 8.2 Market Size
- 8.3 Ethylene Consumption by Sector
- 8.4 Ethylene Plants in Taiwan
- 8.5 Key Feedstock in the Industry
- 8.6 Key Production Processes in the Industry
- 8.7 Key Technology Used in the Industry
- 8.8 Market Share of Leading Players
- 8.9 Import/Export of Ethylene

## **9. ETHYLENE INDUSTRY IN THAILAND**

- 9.1 Market Profile
- 9.2 Market Size
- 9.3 Ethylene Consumption by Sector
- 9.4 Ethylene Plants in Thailand
- 9.5 Key Feedstock in the Industry
- 9.6 Key Production Processes in the Industry
- 9.7 Key Technology Used in the Industry
- 9.8 Market Share of Leading Players
- 9.9 Import/Export of Ethylene

## **10. MAJOR INDUSTRY PLAYERS**

- 10.1 China Petroleum & Chemical Corporation (Sinopec)
  - 10.1.1 Company Overview
  - 10.1.2 Business Segments
  - 10.1.3 Major Products & Services
  - 10.1.4 Company Strategy
  - 10.1.5 Company Subsidiaries
  - 10.1.6 Ethylene Capacity: Global, Asia Pacific and in China
  - 10.1.7 Share of the Asia Pacific Ethylene Market
  - 10.1.8 SWOT Analysis
- 10.2 China National Petroleum Corporation (CNPC)
  - 10.2.1 Company Overview
  - 10.2.2 Business Segments
  - 10.2.3 Major Products & Segments
  - 10.2.4 Ethylene Capacity: Global, Asia Pacific and in China
  - 10.2.5 Share of the Asia Pacific Ethylene Market
  - 10.2.6 SWOT Analysis

- 10.3 CNOOC Limited
  - 10.3.1 Company Overview
  - 10.3.2 Business Segments
  - 10.3.3 Major Products & Services
  - 10.3.4 Ethylene Capacity: Global and in China
  - 10.3.5 Share of the Chinese Ethylene Market
  - 10.3.6 SWOT Analysis
- 10.4 Formosa Plastics Group
  - 10.4.1 Company Overview
  - 10.4.2 Business Segments
  - 10.4.3 Major Products & Segments
  - 10.4.4 Ethylene Capacity: Global and Asia Pacific
  - 10.4.5 Share of the Asia Pacific Ethylene Market
  - 10.4.6 SWOT Analysis
- 10.5 Reliance Industries Limited
  - 10.5.1 Company Overview
  - 10.5.2 Business Segments
  - 10.5.3 Major Products & Services
  - 10.5.4 Ethylene Capacity: Global and Asia Pacific
  - 10.5.5 Share of the Asia Pacific Ethylene Market
  - 10.5.6 SWOT Analysis
- 10.6 BP Plc
  - 10.6.1 Company Overview
  - 10.6.2 Business Segments
  - 10.6.3 Major Products & Services
  - 10.6.4 Ethylene Capacity: Global and in China
  - 10.6.5 Share of the Chinese Ethylene Market
  - 10.6.6 SWOT Analysis
- 10.7 Royal Dutch Shell Plc
  - 10.7.1 Company Overview
  - 10.7.2 Business Segments
  - 10.7.3 Major Products & Services
  - 10.7.4 Ethylene Capacity: Global and in China
  - 10.7.5 Share of the Chinese Ethylene Market
  - 10.7.6 SWOT Analysis
- 10.8 Idemitsu Kosan Co., Ltd.
  - 10.8.1 Company Overview
  - 10.8.2 Business Segments
  - 10.8.3 Major Products & Services

- 10.8.4 SWOT Analysis
- 10.9 Mitsubishi Chemical Corporation
  - 10.9.1 Company Overview
  - 10.9.2 Business Segments
  - 10.9.3 Major Products & Services
  - 10.9.4 SWOT Analysis
- 10.10 Mitsui Chemicals, Inc.
  - 10.10.1 Company Overview
  - 10.10.2 Business Segments
  - 10.10.3 Major Products & Services
  - 10.10.4 SWOT Analysis
- 10.11 Saudi Basic Industries Corporation (SABIC)
  - 10.11.1 Company Overview
  - 10.11.2 Business Segments
  - 10.11.3 Major Products & Services
  - 10.11.4 SWOT Analysis
- 10.12 Shin-Etsu Chemical
  - 10.12.1 Company Overview
  - 10.12.2 Business Segments
  - 10.12.3 Major Products & Services
  - 10.12.4 SWOT Analysis
- 10.13 SK Energy
  - 10.13.1 Company Overview
  - 10.13.2 Business Segments
  - 10.13.3 Major Products & Services
  - 10.13.4 SWOT Analysis
- 10.14 Sumitomo Chemical
  - 10.14.1 Company Overview
  - 10.14.2 Business Segments
  - 10.14.3 Major Products & Services
  - 10.14.4 SWOT Analysis
- 10.15 Total SA
  - 10.15.1 Company Overview
  - 10.15.2 Business Segments
  - 10.15.3 Major Products & Services
  - 10.15.4 SWOT Analysis
- 10.16 Honam Petrochemical Corporation
  - 10.16.1 Company Overview
  - 10.16.2 Business Segments

- 10.16.3 Major Products & Services
- 10.17 NOVA Chemicals Corporation
  - 10.17.1 Company Overview
  - 10.17.2 Business Segments
  - 10.17.3 Major Products & Services

## **11. ASIA PACIFIC ETHYLENE INDUSTRY FORECAST**

- 11.1 Ethylene Demand and Production Outlook in Asia Pacific
- 11.2 Price Forecast for Asia Pacific Ethylene Industry
- 11.3 Outlook for Ethylene Demand and Production in China
- 11.4 Outlook for Ethylene Prices in China
- 11.5 Forecast for Ethylene Net Exports in China
- 11.6 Forecast for Ethylene Imports as Percentage of Demand in China
- 11.7 Outlook for Ethylene Demand and Production in India
- 11.8 Outlook for Ethylene Prices in India
- 11.9 Forecast for Ethylene Net Exports in India
- 11.10 Forecast for Ethylene Imports as Percentage of Demand in India
- 11.11 Outlook for Ethylene Demand and Production in Japan
- 11.12 Outlook for Ethylene Prices in Japan
- 11.13 Forecast for Ethylene Net Exports in Japan
- 11.14 Forecast for Ethylene Imports as Percentage of Demand in Japan
- 11.15 Outlook for Ethylene Demand and Production in South Korea
- 11.16 Outlook for Ethylene Prices in South Korea
- 11.17 Forecast for Ethylene Net Exports in South Korea
- 11.18 Forecast for Ethylene Imports as Percentage of Demand in South Korea
- 11.19 Outlook for Ethylene Demand and Production in Taiwan
- 11.20 Outlook for Ethylene Prices in Taiwan
- 11.21 Forecast for Ethylene Net Exports in Taiwan
- 11.22 Forecast for Ethylene Imports as Percentage of Demand in Taiwan
- 11.23 Outlook for Ethylene Demand and Production in Thailand
- 11.24 Outlook for Ethylene Prices in Thailand
- 11.25 Forecast for Ethylene Net Exports in Thailand
- 11.26 Forecast for Ethylene Imports as Percentage of Demand in Thailand

## **12. GLOSSARY**

## **13. RESEARCH METHODOLOGY**

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global Ethylene Capacities by Region, 2009
- Figure 2: Global Ethylene Capacities by Region, 2014
- Figure 3: Oil Product Price Data And Forecasts, 2008-2014 (US\$/bbl)
- Figure 4: Ethylene Plant Capacity in Asia Pacific (MMTPA) 2000-2015
- Figure 5: Share of Asia Pacific in the Global Ethylene Plant Capacity (MMTPA) 2000-2015
- Figure 6: Demand Value of Ethylene in Asia Pacific (USD Billion) 2000-2015
- Figure 7: Demand Value Growth of Ethylene by Region (USD Billion) 2000-2015
- Figure 8: Ethylene Demand by Region (MMTPA) 2000-2015
- Figure 9: Asia Pacific Ethylene Demand by Country (%) 2010
- Figure 10: Demand of the Ethylene Industry in Asia Pacific by End Use Sectors (%) 2010
- Figure 11: Regional Consumption of Ethylene by End Use (MMTPA) 2010-2015
- Figure 12: Ethylene Production by Region (MMTPA) 2000-2015
- Figure 13: Asia Pacific Ethylene Production by Country (%) 2010
- Figure 14: Top Ethylene Plants in Asia Pacific (%) 2010
- Figure 15: Share of the Asia Pacific Ethylene Industry by Country (%) 2010
- Figure 16: Active Ethylene Plants in Asia Pacific by Country (%) 2010
- Figure 17: Ethylene Plant Capacity in Asia Pacific by Feedstock (%) 2010
- Figure 18: Ethylene Plant Capacity in Asia Pacific by Production Process (%) 2010
- Figure 19: Ethylene Plant Capacity in Asia Pacific by Technology (%) 2010
- Figure 20: Market Share of Leading Players in the Asia Pacific Ethylene Industry
- Figure 21: Demand Value of the Chinese Ethylene Industry (USD Million) 2000-2015
- Figure 22: Ethylene Consumption in China by Sector
- Figure 23: Active Ethylene Plants in China, by State (%) 2010
- Figure 24: Top Ethylene Plants in China 2010
- Figure 25: Key Feedstock in Chinese Ethylene Plants 2010
- Figure 26: Key Processes for Ethylene Production in China 2010
- Figure 27: Segmentation of Ethylene Plants in China by Technology
- Figure 28: Market Share of Leading Players in the Chinese Ethylene Industry
- Figure 29: Chinese Imports and Exports of Ethylene (MMTPA) 2000-2015
- Figure 30: Ethylene Plant Capacity in India (MMTPA) 2000-2015
- Figure 31: Demand Value of the Indian Ethylene Industry (USD Billion) 2000-2015
- Figure 32: Consumption of Ethylene in India by End Use Sector
- Figure 33: Active Ethylene Plants in India by State (%) 2010

- Figure 34: Top Ethylene Plants in India (%) 2010
- Figure 35: Ethylene Plants in India by Feedstock 2010
- Figure 36: Ethylene Plants in India by Technology Used
- Figure 37: Market Share of Leading Players in the Indian Ethylene Industry (%) 2010
- Figure 38: Import/Export of Indian Ethylene Industry (MMTPA) 2000-2015
- Figure 39: Ethylene Plant Capacity in Japan (MMTPA) 2000-2015
- Figure 40: Demand Value of the Japanese Ethylene Industry (USD Billion) 2000-2015
- Figure 41: Consumption of Ethylene in Japan by End Use Sector
- Figure 42: Active Ethylene Plants in Japan by State (%) 2010
- Figure 43: Top Ethylene Plants in Japan (%) 2010
- Figure 44: Ethylene Plants in Japan by Production Process 2010
- Figure 45: Ethylene Plants in Japan by Technology Used
- Figure 46: Market Share of Leading Players in the Japanese Ethylene Industry (%) 2010
- Figure 47: Import/Export of Japanese Ethylene Industry (MMTPA) 2000-2015
- Figure 48: Ethylene Plant Capacity in South Korea (MMTPA) 2000-2015
- Figure 49: Demand Value of the South Korean Ethylene Industry (USD Billion) 2000-2015
- Figure 50: Consumption of Ethylene in South Korea by End Use Sector
- Figure 51: Active Ethylene Plants in South Korea by State (%) 2010
- Figure 52: Top Ethylene Plants in South Korea (%) 2010
- Figure 53: Ethylene Plants in South Korea by Production Process 2010
- Figure 54: Ethylene Plants in South Korea by Technology Used
- Figure 55: Market Share of Leading Players in the South Korean Ethylene Industry (%) 2010
- Figure 56: Import/Export of South Korean Ethylene Industry (MMTPA) 2000-2015
- Figure 57: Ethylene Plant Capacity in Taiwan (MMTPA) 2000-2015
- Figure 58: Demand Value of the Taiwanese Ethylene Industry (USD Billion) 2000-2015
- Figure 59: Consumption of Ethylene in Taiwan by End Use Sector
- Figure 60: Top Ethylene Plants in Taiwan (%) 2010
- Figure 61: Market Share of Leading Players in the Taiwanese Ethylene Industry (%) 2010
- Figure 62: Import/Export of Taiwanese Ethylene Industry (MMTPA) 2000-2015
- Figure 63: Ethylene Plant Capacity in Thailand (MMTPA) 2000-2015
- Figure 64: Demand Value of the Thai Ethylene Industry (USD Billion) 2000-2015
- Figure 65: Consumption of Ethylene in Thailand by End Use Sector
- Figure 66: Top Ethylene Plants in Thailand (%) 2010
- Figure 67: Ethylene Plants in Thailand by Technology Used
- Figure 68: Market Share of Leading Players in the Thai Ethylene Industry (%) 2010

- Figure 69: Import/Export of Thai Ethylene Industry (MMTPA) 2000-2015
- Figure 70: Share of the Asia Pacific Ethylene Market
- Figure 71: CNPC's Share of the Asia Pacific Ethylene Market
- Figure 72: CNOOC's Share of the Chinese Ethylene Market
- Figure 73: Formosa Share of the Global and Asia Pacific Ethylene Market
- Figure 74: Formosa's Share of the Asia Pacific Ethylene Market
- Figure 75: RIL's Share of the Asia Pacific Ethylene Market
- Figure 76: BP's Share of the Ethylene Market in China and Worldwide
- Figure 77: BP's Share of the Chinese Ethylene Market
- Figure 78: Royal Dutch Shell's Ethylene Capacity Global and in China
- Figure 79: Royal Dutch Shell's Share of the Chinese Ethylene Market
- Figure 80: Demand and Production Outlook for the Ethylene Industry in Asia Pacific (MMTPA) 2000-2015
- Figure 81: Price Forecast for Asia Pacific Ethylene Industry (\$/Ton) 2000-2015
- Figure 82: Price Forecast for Ethylene by Region (\$/Ton) 2000-2015
- Figure 83: Demand and Production Outlook for China's Ethylene Industry (MMTPA) 2000-2015
- Figure 84: Forecast for Ethylene Prices in China (\$/Ton) 2000-2015
- Figure 85: Forecast for Net Exports of Ethylene in China (MMTPA) 2000-2015
- Figure 86: Forecast for Ethylene Imports as Percentage of Demand in China
- Figure 87: Forecast for Ethylene Demand and Production in India (MMTPA) 2000-2015
- Figure 88: Price Forecast for the Indian Ethylene Industry (\$/Ton) 2000-2015
- Figure 89: Forecast for Ethylene Net Exports in India (MMTPA) 2000-2015
- Figure 90: Forecast for Ethylene Imports as Percentage of Demand in India (%) 2000-2015
- Figure 91: Forecast for Ethylene Demand and Production in Japan (MMTPA) 2000-2015
- Figure 92: Price Forecast for the Japanese Ethylene Industry (\$/Ton) 2000-2015
- Figure 93 : Forecast for Ethylene Net Exports in Japan (MMTPA) 2000-2015
- Figure 94: Forecast for Ethylene Imports as Percentage of Demand in Japan (%) 2000-2015
- Figure 95: Forecast for Ethylene Demand and Production in South Korea (MMTPA) 2000-2015
- Figure 96: Price Forecast for the South Korean Ethylene Industry (\$/Ton) 2000-2015
- Figure 97: Forecast for Ethylene Net Exports in South Korea (MMTPA) 2000-2015
- Figure 98: Forecast for Ethylene Imports as Percentage of Demand in South Korea (%) 2000-2015
- Figure 99: Forecast for Ethylene Demand and Production in Taiwan (MMTPA) 2000-2015

Figure 100: Price Forecast for the Taiwanese Ethylene Industry (\$/Ton) 2000-2015

Figure 101: Forecast for Ethylene Net Exports in Taiwan (MMTPA) 2000-2015

Figure 102: Forecast for Ethylene Imports as Percentage of Demand in Taiwan (%)  
2000-2015

Figure 103: Forecast for Ethylene Demand and Production in Thailand (MMTPA)  
2000-2015

Figure 104: Price Forecast for the Thai Ethylene Industry (\$/Ton) 2000-2015

Figure 105: Forecast for Ethylene Net Exports in Thailand (MMTPA) 2000-2015

Figure 106: Forecast for Ethylene Imports as Percentage of Demand in Thailand (%)  
2000-2015

## List Of Tables

### LIST OF TABLES

- Table 1: Ethylene Production Worldwide, 2010 & 2015 ('000 tons capacity)
- Table 2: Performance of Major Petrochemical Companies in 2010
- Table 3: Oil Product Price Assumptions, Q410-Q411 (US\$/bbl)
- Table 4: Oil Product Price and Forecasts, 2008-2015 (US\$/bbl)
- Table 5: Ethylene Plant Capacity in Asia Pacific (MMTPA) 2000-2015
- Table 6: Share of Asia Pacific in the Global Ethylene Plant Capacity (MMTPA) 2000-2015
- Table 7: Demand Value of Ethylene in Asia Pacific (USD Billion) 2000-2015
- Table 8: Demand Value Growth of Ethylene by Region (USD Billion) 2000-2015
- Table 9: Ethylene Demand by Region (MMTPA) 2000-2015
- Table 10: Asia Pacific Ethylene Demand by Country (%) 2010
- Table 11: Demand of the Ethylene Industry in Asia Pacific by End Use Sectors (%) 2010
- Table 12: Regional Consumption of Ethylene by End Use (MMTPA) 2010-2015
- Table 13: Ethylene Production by Region (MMTPA) 2000-2015
- Table 14: Asia Pacific Ethylene Production by Country (%) 2010
- Table 15: Capacity of Ethylene Plants in Asia Pacific (MMTPA) 2000-2015
- Table 16: Top Ethylene Plants in Asia Pacific (%) 2010
- Table 17: Details of Ethylene Plants in Asia Pacific
- Table 18: Active Ethylene Plants in Asia Pacific by Country (%) 2010
- Table 19: Details of Active Ethylene Plants in Asia Pacific
- Table 20: Share of the Asia Pacific Ethylene Industry by Country (%) 2010
- Table 21: Ethylene Plant Capacity in Asia Pacific by Feedstock (%) 2010
- Table 22: Installed Ethylene Capacity in Asia Pacific by Naphtha, 2010
- Table 23: Installed Ethylene Capacity in Asia Pacific by Natural Gas, 2010
- Table 24: Installed Ethylene Capacity in Asia Pacific by Coal, 2010
- Table 25: Ethylene Plant Capacity in Asia Pacific by Production Process (%) 2010
- Table 26: Installed Ethylene Capacity in Asia Pacific by Steam Cracking, 2010
- Table 27: Installed Ethylene Capacity in Asia Pacific by Catalytic Pyrolysis, 2010
- Table 28: Ethylene Plant Capacity in Asia Pacific by Technology (%) 2010
- Table 29: Installed Ethylene Capacity in Asia Pacific by CB&I Lummus Ethylene Technology, 2010
- Table 30: Installed Ethylene Capacity in Asia Pacific by Stone and Webster (The Shaw Group Inc.) Ethylene Technology, 2010
- Table 31: Installed Ethylene Capacity in Asia Pacific by Kellogg Brown and Root Inc. (Score) Ethylene Technology, 2010

Table 32: Installed Ethylene Capacity in Asia Pacific by Linde AG Ethylene Technology, 2010

Table 33: Installed Ethylene Capacity in Asia Pacific by Technip Ethylene Technology, 2010

Table 34: Market Share of Leading Players in the Asia Pacific Ethylene Industry

Table 35: Planned Ethylene Projects in Asia Pacific 2011-2015

Table 36: Total Ethylene Plant Capacity in China (MMTPA) 2000-2015

Table 37: Capacity of Ethylene Plants in China (MMTPA) 2000-2015

Table 38: Demand Value of the Chinese Ethylene Industry (USD Million) 2000-2015

Table 39: Ethylene Consumption in China by Sector

Table 40: Active Ethylene Plants in China, by State (%) 2010

Table 41: Details of Active Ethylene Plants in China (MMTPA) 2010

Table 42: Active Ethylene Plants in China, by Feedstock, Process, and Technology 2010

Table 43: Top Ethylene Plants in China 2010

Table 44: Details of the Top Ethylene Plants in China

Table 45: Key Feedstock in Chinese Ethylene Plants 2010

Table 46: Plant Capacity in China by Naphtha, 2010

Table 47: Key Processes for Ethylene Production in China 2010

Table 48: Ethylene Plants in China Using Thermal Cracking 2010

Table 49: Ethylene Plants in China Using Catalytic Pyrolysis 2010

Table 50: Segmentation of Ethylene Plants in China by Technology

Table 51: Ethylene Plants in China Using CB&I Lummus Ethylene Technology 2010

Table 52: Ethylene Plants in China Using Linde AG Ethylene Technology 2010

Table 53: Ethylene Plant in China Using Sinopec (CBL Cracking) Ethylene Technology 2010

Table 54: Market Share of Leading Players in the Chinese Ethylene Industry

Table 55: Chinese Imports and Exports of Ethylene (MMTPA) 2000-2015

Table 56: Planned Ethylene Projects in China 2011-2015

Table 57: Ethylene Plant Capacity in India (MMTPA) 2000-2015

Table 58: Demand Value of the Indian Ethylene Industry (USD Billion) 2000-2015

Table 59: Consumption of Ethylene in India by End Use Sector

Table 60: Capacity of Ethylene Plants in India (MMTPA) 2000-2015

Table 61: Active Ethylene Plants in India by State (%) 2010

Table 62: Details of Active Ethylene Plants in India (MMTPA) 2010

Table 63: Active Ethylene Plants in India by Feedstock, Production Process, and Technology 2010

Table 64: Top Ethylene Plants in India (%) 2010

Table 65: Details of the Top Ethylene Plants in India 2010

- Table 66: Ethylene Plants in India by Feedstock 2010
- Table 67: Ethylene Plants in India Using Naphtha
- Table 68: Ethylene Plants in India Using Natural Gas
- Table 69: Ethylene Plants in India by Technology Used
- Table 70: Ethylene Plants in India Using CB&I Lummus Ethylene Technology
- Table 71: Ethylene Plants in India Using Stone and Webster (The Shaw Group Inc.) Ethylene Technology
- Table 72: Market Share of Leading Players in the Indian Ethylene Industry (%) 2010
- Table 73: Import/Export of Indian Ethylene Industry (MMTPA) 2000-2015
- Table 74: Planned Ethylene Projects in India 2011-2015
- Table 75: Ethylene Plant Capacity in Japan (MMTPA) 2000-2015
- Table 76: Demand Value of the Japanese Ethylene Industry (USD Billion) 2000-2015
- Table 77: Consumption of Ethylene in Japan by End Use Sector
- Table 78: Capacity of Ethylene Plants in Japan (MMTPA) 2000-2015
- Table 79: Active Ethylene Plants in Japan by State (%) 2010
- Table 80: Details of Active Ethylene Plants in Japan (MMTPA) 2010
- Table 81: Ethylene Plants in Japan by Feedstock, Production Process, and Technology Used
- Table 82: Top Ethylene Plants in Japan (%) 2010
- Table 83: Details of Top Ethylene Plants in Japan
- Table 84: Ethylene Plants in Japan by Production Process 2010
- Table 85: Ethylene Plants in Japan Using Thermal Cracking 2010
- Table 86: Ethylene Plants in Japan Using Catalytic Pyrolysis 2010
- Table 87: Ethylene Plants in Japan by Technology Used
- Table 88: Ethylene Plants in Japan Using CB&I Lummus Ethylene Technology
- Table 89: Ethylene Plants in Japan Using Stone and Webster (The Shaw Group Inc.) Ethylene Technology
- Table 90: Ethylene Plants in Japan Using Technip Ethylene Technology
- Table 91: Ethylene Plants in Japan Using Lurgi Ethylene Technology
- Table 92: Market Share of Leading Players in the Japanese Ethylene Industry (%) 2010
- Table 93: Import/Export of Japanese Ethylene Industry (MMTPA) 2000-2015
- Table 94: Ethylene Plant Capacity in South Korea (MMTPA) 2000-2015
- Table 95: Demand Value of the South Korean Ethylene Industry (USD Billion) 2000-2015
- Table 96: Consumption of Ethylene in South Korea by End Use Sector
- Table 97: Ethylene Plants in South Korea (MMTPA) 2000-2015
- Table 98: Active Ethylene Plants in South Korea by State (%) 2010
- Table 99: Details of Active Ethylene Plants in South Korea
- Table 100: Active Ethylene Plants in South Korea, by Feedstock, Process, and

## Technology 2010

Table 101: Top Ethylene Plants in South Korea (%) 2010

Table 102: Details of Top Ethylene Plants in South Korea

Table 103: Ethylene Plants in South Korea by Production Process 2010

Table 104: Ethylene Plants in South Korea Using Steam Cracking

Table 105: Ethylene Plants in South Korea Using Catalytic Pyrolysis

Table 106: Ethylene Plants in South Korea by Technology Used

Table 107: Ethylene Plants in South Korea Using CB&amp;I Lummus Ethylene Technology

Table 108: Ethylene Plants in South Korea Using Kellogg Brown and Root Inc. (Score)  
Ethylene Technology

Table 109: Ethylene Plants in South Korea Using Technip Ethylene Technology

Table 110: Ethylene Plants in South Korea Using UOP LLC Ethylene Technology

Table 111: Market Share of Leading Players in the South Korean Ethylene Industry (%)  
2010

Table 112: Import/Export of South Korean Ethylene Industry (MMTPA) 2000-2015

Table 113: Ethylene Plant Capacity in Taiwan (MMTPA) 2000-2015

Table 114: Details of Ethylene Plant Capacity in Taiwan (MMTPA) 2000-2015

Table 115: Demand Value of the Taiwanese Ethylene Industry (USD Billion) 2000-2015

Table 116: Consumption of Ethylene in Taiwan by End Use Sector

Table 117: Details of Active Ethylene Plants in Taiwan (MMTPA) 2010

Table 118: Ethylene Plants in Taiwan by Feedstock, Production Process, and  
Technology Used

Table 119: Top Ethylene Plants in Taiwan (%) 2010

Table 120: Details of Top Ethylene Plants in Taiwan

Table 121: Market Share of Leading Players in the Taiwanese Ethylene Industry (%)  
2010

Table 122: Import/Export of Taiwanese Ethylene Industry (MMTPA) 2000-2015

Table 123: Ethylene Plant Capacity in Thailand (MMTPA) 2000-2015

Table 124 : Demand Value of the Thai Ethylene Industry (USD Billion) 2000-2015

Table 125: Consumption of Ethylene in Thailand by End Use Sector

Table 126: Capacity of Ethylene Plants in Thailand (MMTPA) 2000-2015

Table 127: Details of Active Ethylene Plants in Thailand (MMTPA) 2010

Table 128: Ethylene Plants in Thailand by Feedstock, Production Process, and  
Technology Used

Table 129: Top Ethylene Plants in Thailand (%) 2010

Table 130: Details of Top Ethylene Plants in Thailand

Table 131: Ethylene Plants in Thailand by Technology Used

Table 132: Ethylene Plants in Thailand Using CB&amp;I Lummus Ethylene Technology

Table 133: Ethylene Plants in Thailand Using Stone and Webster (The Shaw Group)

Inc.) Ethylene Technology

Table 134: Ethylene Plants in Thailand Using Linde AG Ethylene Technology

Table 135: Market Share of Leading Players in the Thai Ethylene Industry (%) 2010

Table 136: Import/Export of Thai Ethylene Industry (MMTPA) 2000-2015

Table 137: Share of the Asia Pacific Ethylene Market

Table 138: China Petroleum & Chemical Corporation Ethylene Capacity in Asia Pacific

Table 139: Details of Sinopec Ethylene Plants in Asia Pacific

Table 140: CNPC's Share of the Asia Pacific Ethylene Market

Table 141: Ethylene Capacity of CNPC in Asia Pacific

Table 142: CNPC Ethylene Plant Details in Asia Pacific

Table 143: CNOOC's Share of the Global and Chinese Ethylene Market

Table 144: CNOOC's Ethylene Capacity in China

Table 145: Details of Formosa's Ethylene Plants in Asia Pacific

Table 146: Formosa's Ethylene Capacity in Asia Pacific

Table 147: BP's Share of the Ethylene Market in China and Worldwide

Table 148: BP's Share of the Chinese Ethylene Market

Table 149: BP's Ethylene Capacity in China

Table 150: Ethylene Capacity of Royal Dutch Shell in China

Table 151: Demand and Production Outlook for the Ethylene Industry in Asia Pacific (MMTPA) 2000-2015

Table 152: Price Forecast for Asia Pacific Ethylene Industry (\$/Ton) 2000-2015

Table 153: Price Forecast for Ethylene by Region (\$/Ton) 2000-2015

Table 154: Demand and Production Outlook for China's Ethylene Industry (MMTPA) 2000-2015

Table 155: Forecast for Ethylene Prices in China (\$/Ton) 2000-2015

Table 156: Forecast for Net Exports of Ethylene in China (MMTPA) 2000-2015

Table 157: Forecast for Ethylene Imports as Percentage of Demand in China

Table 158: Forecast for Ethylene Demand and Production in India (MMTPA) 2000-2015

Table 159: Price Forecast for the Indian Ethylene Industry (\$/Ton) 2000-2015

Table 160: Forecast for Ethylene Net Exports in India (MMTPA) 2000-2015

Table 161: Forecast for Ethylene Imports as Percentage of Demand in India (%) 2000-2015

Table 162: Forecast for Ethylene Demand and Production in Japan (MMTPA) 2000-2015

Table 163: Price Forecast for the Japanese Ethylene Industry (\$/Ton) 2000-2015

Table 164: Forecast for Ethylene Net Exports in Japan (MMTPA) 2000-2015

Table 165: Forecast for Ethylene Imports as Percentage of Demand in Japan (%) 2000-2015

Table 166: Forecast for Ethylene Demand and Production in South Korea (MMTPA)

2000-2015

Table 167: Price Forecast for the South Korean Ethylene Industry (\$/Ton) 2000-2015

Table 168: Forecast for Ethylene Net Exports in South Korea (MMTPA) 2000-2015

Table 169: Forecast for Ethylene Imports as Percentage of Demand in South Korea (%)

2000-2015

Table 170: Forecast for Ethylene Demand and Production in Taiwan (MMTPA)

2000-2015

Table 171: Price Forecast for the Taiwanese Ethylene Industry (\$/Ton) 2000-2015

Table 172: Forecast for Ethylene Net Exports in Taiwan (MMTPA) 2000-2015

Table 173: Forecast for Ethylene Imports as Percentage of Demand in Taiwan (%)

2000-2015

Table 174: Forecast for Ethylene Demand and Production in Thailand (MMTPA)

2000-2015

Table 175: Price Forecast for the Thai Ethylene Industry (\$/Ton) 2000-2015

Table 176: Forecast for Ethylene Net Exports in Thailand (MMTPA) 2000-2015

Table 177: Forecast for Ethylene Imports as Percentage of Demand in Thailand (%)

2000-2015

## I would like to order

Product name: Ethylene Industry in Asia Pacific

Product link: <https://marketpublishers.com/r/E6832280F63EN.html>

Price: US\$ 650.00 (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/E6832280F63EN.html>