

## China Hydrogen Market Research Report 2016

https://marketpublishers.com/r/CBDC67BB27BEN.html

Date: November 2016

Pages: 115

Price: US\$ 3,200.00 (Single User License)

ID: CBDC67BB27BEN

Abstracts
Notes:
Sales, means the sales volume of Hydrogen
Revenue, means the sales value of Hydrogen
This report studies Hydrogen in China market, focuses on the top players in China market, with capacity, production, price, revenue and market share for each manufacturer, covering
Air Products
Air Liquide
Linde Industrial Gas
Praxair
Taiyo Nippon Sanso
Air Water

Kaimeite Gases

Yingde Gases

Messer



Koatsu Gas Kogyo
SHOWA DENKO
Iwatani
product Type, with production, revenue, price, market share and growth rate of pe, can be divided into
Compressed Gas Hydrogen
Liquid Hydrogen
Type III
Application, this report focuses on consumption, market share and growth rate ogen in each application, can be divided into
General Industry  Metal Working
Refining
Chemical



#### **Contents**

China Hydrogen Market Research Report 2016

#### 1 HYDROGEN MARKET OVERVIEW

- 1.1 Product Overview and Scope of Hydrogen
- 1.2 Hydrogen Segment by Type
  - 1.2.1 China Production Market Share of Hydrogen Type in 2015
  - 1.2.2 Compressed Gas Hydrogen
  - 1.2.3 Liquid Hydrogen
  - 1.2.4 Type III
- 1.3 Applications of Hydrogen
  - 1.3.1 Hydrogen Consumption Market Share by Application in 2015
  - 1.3.2 General Industry
  - 1.3.3 Metal Working
  - 1.3.4 Refining
  - 1.3.5 Chemical
- 1.4 China Market Size (Value) of Hydrogen (2011-2021)
- 1.5 China HydrogenStatus and Outlook
- 1.6 Government Policies

#### 2 CHINA HYDROGEN MARKET COMPETITION BY MANUFACTURERS

- 2.1 China Hydrogen Capacity, Production and Share by Manufacturers (2015 and 2016)
- 2.2 China Hydrogen Revenue and Share by Manufacturers (2015 and 2016)
- 2.3 China Hydrogen Average Price by Manufacturers (2015 and 2016)
- 2.4 Manufacturers Hydrogen Manufacturing Base Distribution, Sales Area, Product Type
- 2.5 Hydrogen Market Competitive Situation and Trends
  - 2.5.1 Hydrogen Market Concentration Rate
  - 2.5.2 Hydrogen Market Share of Top 3 and Top 5 Manufacturers

#### 3 CHINA HYDROGEN MANUFACTURERS PROFILES/ANALYSIS

- 3.1 Air Products
- 3.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.1.2 Hydrogen Product Type, Application and Specification



- 3.1.2.1 Type I
- 3.1.2.2 Type II
- 3.1.3 Air Products Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
- 3.1.4 Main Business/Business Overview
- 3.2 Air Liquide
- 3.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.2.2 115 Product Type, Application and Specification
    - 3.2.2.1 Type I
    - 3.2.2.2 Type II
- 3.2.3 Air Liquide 115 Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 3.2.4 Main Business/Business Overview
- 3.3 Linde Industrial Gas
- 3.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.3.2 130 Product Type, Application and Specification
    - 3.3.2.1 Type I
    - 3.3.2.2 Type II
- 3.3.3 Linde Industrial Gas 130 Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 3.3.4 Main Business/Business Overview
- 3.4 Praxair
- 3.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.4.2 Oct Product Type, Application and Specification
    - 3.4.2.1 Type I
    - 3.4.2.2 Type II
- 3.4.3 Praxair Oct Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 3.4.4 Main Business/Business Overview
- 3.5 Taiyo Nippon Sanso
- 3.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.5.2 Product Type, Application and Specification
    - 3.5.2.1 Type I
    - 3.5.2.2 Type II
- 3.5.3 Taiyo Nippon Sanso Capacity, Production, Revenue, Price and Gross Margin



#### (2015 and 2016)

- 3.5.4 Main Business/Business Overview
- 3.6 Air Water
- 3.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.6.2 Million USD Product Type, Application and Specification
    - 3.6.2.1 Type I
    - 3.6.2.2 Type II
- 3.6.3 Air Water Million USD Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 3.6.4 Main Business/Business Overview
- 3.7 Messer
- 3.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.7.2 Chemical & Material Product Type, Application and Specification
    - 3.7.2.1 Type I
    - 3.7.2.2 Type II
- 3.7.3 Messer Chemical & Material Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 3.7.4 Main Business/Business Overview
- 3.8 Yingde Gases
- 3.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.8.2 Product Type, Application and Specification
    - 3.8.2.1 Type I
    - 3.8.2.2 Type II
- 3.8.3 Yingde Gases Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 3.8.4 Main Business/Business Overview
- 3.9 Kaimeite Gases
- 3.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.9.2 Product Type, Application and Specification
    - 3.9.2.1 Type I
    - 3.9.2.2 Type II
- 3.9.3 Kaimeite Gases Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 3.9.4 Main Business/Business Overview
- 3.10 Koatsu Gas Kogyo



- 3.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 3.10.2 Product Type, Application and Specification
    - 3.10.2.1 Type I
    - 3.10.2.2 Type II
- 3.10.3 Koatsu Gas Kogyo Capacity, Production, Revenue, Price and Gross Margin (2015 and 2016)
  - 3.10.4 Main Business/Business Overview
- 3.11 SHOWA DENKO
- 3.12 Iwatani

# 4 CHINA HYDROGEN CAPACITY, PRODUCTION, REVENUE, CONSUMPTION, EXPORT AND IMPORT (2011-2016)

- 4.1 China Hydrogen Capacity, Production and Growth (2011-2016)
- 4.2 China Hydrogen Revenue and Growth (2011-2016)
- 4.3 China Hydrogen Production, Consumption, Export and Import (2011-2016)

#### 5 CHINA HYDROGEN PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

- 5.1 China Hydrogen Production and Market Share by Type (2011-2016)
- 5.2 China Hydrogen Revenue and Market Share by Type (2011-2016)
- 5.3 China Hydrogen Price by Type (2011-2016)
- 5.4 China Hydrogen Production Growth by Type (2011-2016)

#### **6 CHINA HYDROGEN MARKET ANALYSIS BY APPLICATION**

- 6.1 China Hydrogen Consumption and Market Share by Application (2011-2016)
- 6.2 China Hydrogen Consumption Growth Rate by Application (2011-2016)
- 6.3 Market Drivers and Opportunities
  - 6.3.1 Potential Application
  - 6.3.2 Emerging Markets/Countries

#### 7 HYDROGEN MANUFACTURING COST ANALYSIS

- 7.1 Hydrogen Key Raw Materials Analysis
  - 7.1.1 Key Raw Materials
  - 7.1.2 Price Trend of Key Raw Materials
  - 7.1.3 Key Suppliers of Raw Materials



- 7.1.4 Market Concentration Rate of Raw Materials
- 7.2 Proportion of Manufacturing Cost Structure
  - 7.2.1 Raw Materials
  - 7.2.2 Labor Cost
  - 7.2.3 Manufacturing Expenses
- 7.3 Manufacturing Process Analysis of Hydrogen

#### 8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 8.1 Hydrogen Industrial Chain Analysis
- 8.2 Upstream Raw Materials Sourcing
- 8.3 Raw Materials Sources of Hydrogen Major Manufacturers in 2015
- 8.4 Downstream Buyers

#### 9 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 9.1 Marketing Channel
  - 9.1.1 Direct Marketing
  - 9.1.2 Indirect Marketing
  - 9.1.3 Marketing Channel Development Trend
- 9.2 Market Positioning
  - 9.2.1 Pricing Strategy
  - 9.2.2 Brand Strategy
  - 9.2.3 Target Client
- 9.3 Distributors/Traders List

#### 10 MARKET EFFECT FACTORS ANALYSIS

- 10.1 Technology Progress/Risk
  - 10.1.1 Substitutes Threat
  - 10.1.2 Technology Progress in Related Industry
- 10.2 Consumer Needs/Customer Preference Change
- 10.3 Economic/Political Environmental Change

#### 11 CHINA HYDROGEN MARKET FORECAST (2016-2021)

- 11.1 China Hydrogen Capacity, Production, Revenue Forecast (2016-2021)
- 11.2 China Hydrogen Production, Import, Export and Consumption Forecast (2016-2021)



- 11.3 China Hydrogen Production Forecast by Type (2016-2021)
- 11.4 China Hydrogen Consumption Forecast by Application (2016-2021)
- 11.5 Hydrogen Price Forecast (2016-2021)

#### 12 RESEARCH FINDINGS AND CONCLUSION

#### 13 APPENDIX

Author List
Disclosure Section
Research Methodology
Data Source
China Disclaimer



#### **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Picture of Hydrogen

Figure China Production Market Share of Hydrogen by Type in 2015

Figure Product Picture of Compressed Gas Hydrogen

Table Major Manufacturers of Compressed Gas Hydrogen

Figure Product Picture of Liquid Hydrogen

Table Major Manufacturers of Liquid Hydrogen

Figure Product Picture of Type III

Table Major Manufacturers of Type III

Table Hydrogen Consumption Market Share by Application in 2015

Figure General Industry Examples

Figure Metal Working Examples

Figure Refining Examples

Figure Chemical Examples

Figure China Hydrogen Revenue (Million USD) and Growth Rate (2011-2021)

Table China Hydrogen Capacity of Key Manufacturers (2015 and 2016)

Table China Hydrogen Capacity Market Share of Key Manufacturers (2015 and 2016)

Figure China Hydrogen Capacity of Key Manufacturers in 2015

Figure China Hydrogen Capacity of Key Manufacturers in 2016

Table China Hydrogen Production of Key Manufacturers (2015 and 2016)

Table China Hydrogen Production Share by Manufacturers (2015 and 2016)

Figure 2015 Hydrogen Production Share by Manufacturers

Figure 2016 Hydrogen Production Share by Manufacturers

Table China Hydrogen Revenue (Million USD) by Manufacturers (2015 and 2016)

Table China Hydrogen Revenue Share by Manufacturers (2015 and 2016)

Table 2015 China Hydrogen Revenue Share by Manufacturers

Table 2016 China Hydrogen Revenue Share by Manufacturers

Table China Market Hydrogen Average Price of Key Manufacturers (2015 and 2016)

Figure China Market Hydrogen Average Price of Key Manufacturers in 2015

Table Manufacturers Hydrogen Manufacturing Base Distribution and Sales Area

Table Manufacturers Hydrogen Product Type

Figure Hydrogen Market Share of Top 3 Manufacturers

Figure Hydrogen Market Share of Top 5 Manufacturers

Table Air Products Basic Information, Manufacturing Base, Sales Area and Its

Competitors

Table Air Products Hydrogen Capacity, Production, Revenue, Price and Gross Margin,



(2011-2016)

Figure Air Products Hydrogen Market Share (2011-2016)

Table Air Liquide Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Air Liquide Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Air Liquide Hydrogen Market Share (2011-2016)

Table Linde Industrial Gas Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Linde Industrial Gas Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Linde Industrial Gas Hydrogen Market Share (2011-2016)

Table Praxair Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Praxair Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Praxair Hydrogen Market Share (2011-2016)

Table Taiyo Nippon Sanso Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Taiyo Nippon Sanso Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Taiyo Nippon Sanso Hydrogen Market Share (2011-2016)

Table Air Water Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Air Water Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Air Water Hydrogen Market Share (2011-2016)

Table Messer Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Messer Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Messer Hydrogen Market Share (2011-2016)

Table Yingde Gases Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Yingde Gases Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Yingde Gases Hydrogen Market Share (2011-2016)

Table Kaimeite Gases Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Kaimeite Gases Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Kaimeite Gases Hydrogen Market Share (2011-2016)



Table Koatsu Gas Kogyo Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Koatsu Gas Kogyo Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Koatsu Gas Kogyo Hydrogen Market Share (2011-2016)

Table SHOWA DENKO Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table SHOWA DENKO Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure SHOWA DENKO Hydrogen Market Share (2011-2016)

Table Iwatani Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Iwatani Hydrogen Capacity, Production, Revenue, Price and Gross Margin (2011-2016)

Figure Iwatani Hydrogen Market Share (2011-2016)

Figure China Hydrogen Capacity, Production and Growth (2011-2016)

Figure China Hydrogen Revenue (Million USD) and Growth (2011-2016)

Table China Hydrogen Production, Consumption, Export and Import (2011-2016)

Table China Hydrogen Production by Type (2011-2016)

Table China Hydrogen Production Share by Type (2011-2016)

Figure Production Market Share of Hydrogen by Type (2011-2016)

Figure 2015 Production Market Share of Hydrogen by Type

Table China Hydrogen Revenue by Type (2011-2016)

Table China Hydrogen Revenue Share by Type (2011-2016)

Figure Production Revenue Share of Hydrogen by Type (2011-2016)

Figure 2015 Revenue Market Share of Hydrogen by Type

Table China Hydrogen Price by Type (2011-2016)

Figure China Hydrogen Production Growth by Type (2011-2016)

Table China Hydrogen Consumption by Application (2011-2016)

Table China Hydrogen Consumption Market Share by Application (2011-2016)

Figure China Hydrogen Consumption Market Share by Application in 2015

Table China Hydrogen Consumption Growth Rate by Application (2011-2016)

Figure China Hydrogen Consumption Growth Rate by Application (2011-2016)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Hydrogen

Figure Manufacturing Process Analysis of Hydrogen

Figure Hydrogen Industrial Chain Analysis

Table Raw Materials Sources of Hydrogen Major Manufacturers in 2015



Table Major Buyers of Hydrogen

Table Distributors/Traders List

Figure China Hydrogen Capacity, Production and Growth Rate Forecast (2016-2021)

Figure China Hydrogen Revenue and Growth Rate Forecast (2016-2021)

Table China Hydrogen Production, Import, Export and Consumption Forecast (2016-2021)

Table China Hydrogen Production Forecast by Type (2016-2021)

Table China Hydrogen Consumption Forecast by Application (2016-2021)



#### I would like to order

Product name: China Hydrogen Market Research Report 2016

Product link: https://marketpublishers.com/r/CBDC67BB27BEN.html

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

### **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/CBDC67BB27BEN.html">https://marketpublishers.com/r/CBDC67BB27BEN.html</a>

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
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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