Hydrogen Purification in Petroleum Refining: Global Markets

Description:
This report focuses on the market for hydrogen purification in the petroleum refining industry. The analysis includes data on the market size estimates for 2014 and market forecast to 2020, along with the growth trend.

This report provides:
- An overview of the global markets and related technologies for Hydrogen purification in petroleum refining
- Analyses of global market trends, with data from 2014, 2015, and projections of CAGRs through 2020
- Breakdowns of the market by geography as well as by technology
- Evaluation of the market’s dynamics, specifically growth drivers, restraints, and opportunities
- A look at a Hydrogen network in a refinery as well as the overall industry’s structure
- Analysis of governmental regulations and their impact on the market
- Relevant patent analysis
- Profiles of major players in the industry

Scope of the report:
This report focuses on the market for hydrogen purification in the petroleum refining industry. The market being considered is not for hydrogen production or supply (i.e., the electrolysis market, the merchant market). The market being considered is for hydrogen purification (recovery), as applicable to the refining industry to obtain purified hydrogen from the various processes in a refinery that can be reused within the refinery or elsewhere.

The analysis includes data on the market size estimates for 2014 and market forecast to 2020, along with the growth trend. The report also includes market size by region and technology. An overview of the hydrogen purification technologies, key market players in hydrogen purification, the factors driving or restraining the growth of the market, and the major refining plants are also discussed. Governmental regulations and their impact on the market, as well as the key patent activity on the technology, are also provided.

The base year for the report is 2014, and the market forecasts are provided for the period from 2015 to 2020. The global market has been segmented into four regions: Asia-Pacific, Europe and the Middle East, North America and Rest of World. The Asia-Pacific region includes countries in South Asia, East Asia, Central Asia, Southeast Asia, Australia and Oceania. The Europe and Middle East region includes all the countries in Europe and the Middle East, as well as the Russian Federation. The North America region includes the U.S., Canada and Mexico. The Rest of World region includes countries in Africa, as well as South and Central America.

Highlights:
- The global Hydrogen purification market in the petroleum refining industry was nearly $7.1 billion 2014. The market is expected to reach nearly $9.9 billion by 2020 from nearly $7.5 billion in 2015, increasing at a compound annual growth rate (CAGR) of 5.7% from 2015 to 2020.
- The North American market is expected to grow from nearly $1.9 billion in 2015 to $2.1 billion in 2020 at a CAGR of 3% for the period 2015-2020.
- The Asia-Pacific market will grow from $2.1 billion in 2015 to $3.0 billion in 2020 at a CAGR of 7.4% for the period 2015-2020.

Use this report to:
- Receive information about the market for hydrogen purification in the petroleum refining industry
- Receive an overview of hydrogen purification technologies
- Learn about factors driving or restraining the growth of the market

Intended Audience:
The report provides an overview and analysis of the hydrogen purification market in the petroleum refining industry. The overview of the current market, growth rate and forecasts will provide a useful reference for investors planning to invest in green technologies, especially in the hydrogen sector, as well as the hydrogen producers and suppliers, and the research organizations working on hydrogen purification technologies who are looking to commercialize the technology. The report is also useful to anyone who wishes to develop an understanding of the current and future market for the hydrogen purification technologies, mainly in the petroleum refining industry.

Contents:

Chapter 1: Introduction
- Scope Of The Report
- Methodology
- Intended Audience
- Information Sources
- Analyst's Credentials

Chapter 2: Summary
- Table Summary: Global Hydrogen Purification Market In The Petroleum Refining Industry By Region, Through 2020
- Figure Summary: Global Hydrogen Purification Market In The Petroleum Refining Industry By Region, 2014-2020

Chapter 3: Overview
- Industry Definition
- Hydrogen Network In A Refinery
- Hydrogen Purification In Other Industry Segments
- Technology Overview
- Macroeconomic Overview

Chapter 4: Hydrogen Purification Technology Overview
- Technology Overview
- Technology Comparison

Chapter 5: Hydrogen Purification In The Petroleum Refining Industry, Market Estimates And Forecast
- Global Hydrogen Purification Market In The Petroleum Refining Industry
- Global Hydrogen Purification Market Value In The Petroleum Refining Industry By Technology
- Global Hydrogen Purification Market Value And Volume In The Petroleum Refining Industry By Region
- Global Hydrogen Purification Market Value And Volume In The Petroleum Refining Industry By Key Countries
- Methodology
- Assumptions And Estimation Model
- Typical Refinery
- Cost

Chapter 6: Key Market Factors And Government Regulations
- Stringent Regulations To Limit The Sulphur Content In Refined Products
- Use Of Heavy Crude Oil, Shale Oil And Oil Sands Exploration Effect On The Hydrogen Purification Market
- Governmental Support And Regulations Influencing The Market

Chapter 7: Patent Analysis
- Sample Patents
- Table 64: Hydrogen Purification Related Patents, 2014 And 2015

Chapter 8: Industry Structure And Key Company Profiles
- Industry Structure
- Company Profiles

Chapter 9: Major Refineries: Current And Upcoming
- Asia-Pacific
- Europe And Middle East
- North America
- Rest Of World
- Major 2016 Global Refineries
- Major 2017 Global Refineries
- Major 2018 Global Refineries
- Major Global 2019 Refineries
- Major 2020 Global Refineries

Chapter 10: Appendix: Glossary And Acronyms

List Of Tables

Summary Table : Global Hydrogen Purification Market In The Petroleum Refining Industry By Region, Through 2020

Table 1 : Hydrogen Purification Technologies And Refinery Requirements
Table 2 : Global Hydrogen Purification Market Value In The Petroleum Refining Industry By Region, Through 2020
Table 3 : Global Market Volume For Hydrogen Purification In The Petroleum Refining Industry By Region, Through 2020
Table 4 : Global Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Region, Through 2020
Table 5 : Global Hydrogen Purification Market Value In The Petroleum Refining Industry By Technology, Through 2020
Table 6 : Asia-Pacific Hydrogen Purification Market Value In The Petroleum Refining Industry By Technology, Through 2020
Table 7 : Europe And Middle East Hydrogen Purification Market Value In The Petroleum Refining Industry By Technology, Through 2020
Table 8 : North America Hydrogen Purification Market Value In The Petroleum Refining Industry By Technology, Through 2020
Table 9 : Rest Of World Hydrogen Purification Market Value In The Petroleum Refining Industry By Technology, Through 2020
Table 10 : Asia-Pacific Hydrogen Purification Market Value In The Petroleum Refining Industry By Region, Through 2020
Table 11 : Europe And Middle East Hydrogen Purification Market Value In The Petroleum Refining Industry By Region, Through 2020
Table 12 : Asia-Pacific Hydrogen Purification Market Value In The Petroleum Refining Industry By Region, Through 2020
Table 13 : Europe And Middle East Hydrogen Purification Market Value In The Petroleum Refining Industry By Region, Through 2020
Table 14 : Asia-Pacific Hydrogen Purification Market Volume In The Petroleum Refining Industry By Region, Through 2020
Table 15 : Europe And Middle East Hydrogen Purification Market Volume In The Petroleum Refining Industry By Region, Through 2020
Table 16 : Asia-Pacific Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Region, Through 2020
Table 17 : Europe And Middle East Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Region, Through 2020
Table 18 : Rest Of World Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Region, Through 2020
Table 19 : Asia-Pacific Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 20 : East Asia Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 21 : South Asia Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 22 : Southeast Asia Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 23 : Europe And Middle East Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 24 : Eastern Europe Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 25 : Middle East Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 26 : Western Europe Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 27 : North American Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Countries, Through 2020

Table 28 : Rest Of World Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 29 : African Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 30 : Central American Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 31 : South American Hydrogen Purification Market Value In The Petroleum Refining Industry By Key Countries, Through 2020
Table 32 : Asia-Pacific Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 33 : East Asian Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 34 : South Asian Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 35 : Southeast Asian Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 36 : Europe And Middle East Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 37 : Eastern European Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 38 : Middle Eastern Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 39 : Western European Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 40 : North America Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 41 : Rest Of World Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 42 : African Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 43 : Central American Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 44 : South American Hydrogen Purification Market Volume In The Petroleum Refining Industry By Key Countries, Through 2020
Table 45 : Asia-Pacific Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 46 : East Asian Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 47 : South Asian Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 48 : Southeast Asian Market Volume For Hydrogen Usage In Petroleum Refining Industry By Key Countries, Through 2020
Table 49 : Europe And Middle East Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 50 : Eastern Europe Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 51 : Middle Eastern Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 52 : Western European Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 53 : North American Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 54 : Rest Of World Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 55 : African Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 56 : Central American Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 57 : South American Market Volume For Hydrogen Usage In The Petroleum Refining Industry By Key Countries, Through 2020
Table 58 : Average Hydrogen Usage Per Barrel Of Crude Oil Processed In A Typical Refinery, 2014
Table 59 : Average Hydrogen Usage Per Barrel Of Crude Oil Processed In A Typical Refinery For Different
Processes, 2014

Table 60: Average Off Gas Produced Per Barrel Of Crude Oil Processed In A Typical Refinery From Different Processes, 2014
Table 61: Average Off Gas The Total Hydrogen Usage In A Typical Refinery
Table 62: Hydrogen Purity Percentage And Pressure Specifications Of The Different Hydrogen Sources And Sinks In A Refinery
Table 63: Nationwide Fuel Standards Of Major Consumer Countries Of Refined Products, 2015
Table 64: Hydrogen Purification Related Patents, 2014 And 2015
Table 65: Asia-Pacific Refineries And Refining Capacities, 2015
Table 66: Europe And Middle East Refineries And Refining Capacities, 2015
Table 67: North America Refineries And Refining Capacities, 2015
Table 68: Rest Of World Refineries And Refining Capacities, 2015
Table 69: Major Upcoming Refineries And Refining Capacities, 2016
Table 70: Major Upcoming Refineries And Refining Capacities, 2017
Table 71: Major Upcoming Refineries And Refining Capacities, 2018
Table 72: Major Upcoming Refineries And Refining Capacities, 2019
Table 73: Major Upcoming Refineries With Their Refining Capacities, 2020

List Of Figures

Summary Figure: Global Hydrogen Purification Market In The Petroleum Refining Industry By Region, 2014-2020
Figure 1: Refinery Processes With Hydrogen Usage And Supply
Figure 2: Hydrogen Network In A Typical Refinery

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: | Hydrogen Purification in Petroleum Refining: Global Markets |
| Web Address: | http://www.researchandmarkets.com/reports/3645699/ |
| Office Code: | SCH3527T |

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 5985</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 7650</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐</th>
<th>Mrs ☐</th>
<th>Dr ☐</th>
<th>Miss ☐</th>
<th>Ms ☐</th>
<th>Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td>Last Name:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address: *</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* 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