



www.snpinfrasol.com

GLOBAL **Electrolyzer** MARKET

Forecast 2028

By SN Global Infra Research

Global Electrolyzer Market

Forecast 2028

Hydrogen is produced as both a principal product and as a by-product from a variety of primary energy sources (such as wind, solar, coal, natural gas, and nuclear) and it deliver and store energy. Hydrogen offers opportunities to decarbonization of hard to abate sectors such as heat, transport and industry.

Regulations of governments for desulphurization and reduction for green house gas emissions along with increasing demand for carbon-free fuels for power generation and transportation has been major driver for hydrogen generation market which in turn drives demand for electrolyser.

Electrolysis is a process of using electricity to split water into hydrogen and oxygen and is a promising option for producing carbon-free hydrogen from renewable and nuclear resources.

Electrolyser uses various technologies such as Alkaline, PEM, SOE, AEM to produce hydrogen where alkaline leads the market globally.

Electrolyser is used to produce green hydrogen which can help eliminate carbon emissions in challenging sector like Petroleum refinery, ammonia production, methanol production, transportation, power generation.

The Electrolyser market is estimated as the sum of the revenue generated by companies such as Siemens, Plug Power, Cummins, Nel Electrolyzer, ITM Power, which are manufacturing Electrolysers.

Key queries addressed in the report

- What is the Value Chain of Electrolyser and what are the leading drivers and opportunities globally ?
- What was the size of the market for Electrolyser markets globally in 2022?
- Which application generates the maximum demand for Electrolyser markets?
- Which region has got the maximum potential for Electrolyser markets?
- Who are the leading players for Electrolyser market across regions?

Companies who will be interested in buying this report

- Renewable Generation Companies etc
- Players involved in Fuel Cell, Transportation, Ammonia players
- Hydrogen Market players like
 - Siemens
 - Linde PLC
 - Air Liquide
 - Air products Inc.
 - Engie
 - Cummins
 - ITM Power
- Financial Institutions
- FIIs
- Other Lending Bodies
- Banks
- Government Institutions
- Vendors
- Consultants

Table of Contents(Draft)

1. Introduction

2. Executive Summary

3. Research Methodology

4. Global Electrolyzer Market Overview

- a. Value Chain
- b. Market Drivers
- c. Key Market Trends

5. Global Hydrogen Demand and forecast till 2050

6. Global Electrolyzer by Technology, USD MN (2021, 2022, 2023e & 2028F)

- a. Alkaline
- b. Proton Exchange Membrane
- c. SOE
- d. AEM

7. Global Electrolyzer by Application, USD MN (2021, 2022, 2023e & 2028F)

- a. Energy
- b. Mobility
- c. Industrial
- d. Power generation

8. Global Electrolyzer by Region, USD MN (2021, 2022, 2023e & 2028F)

- a. North America
 - Market Size by Technology
 - Market Size by Application
 - Market Size by Country
 1. US Electrolyzer Market Size, USD MN
 - Market Size by Application
 2. Canada Electrolyzer
 - Market Size, USD MN Market Size by Application
- b. South America
 - Market Size by Technology
 - Market Size by Application
 - Market Size by Country
 1. Brazil Electrolyzer Market Size, USD MN
 - Market Size by Application
 2. Argentina Electrolyzer Market Size, USD MN
 - Market Size by Application
 3. Rest of South America Electrolyzer Market Size, USD MN
- c. Europe
 - Market Size by Technology
 - Market Size by Application
 - Market Size by Country
 1. Germany Electrolyzer Market Size, USD MN
 - Market Size by Application
 2. UK Electrolyzer Market Size, USD MN
 - Market Size by Application
 3. France Electrolyzer Market Size, USD MN
 - Market Size by Application
 4. Rest of Europe Electrolyzer Market Size, USD MN

d. Asia Pacific

- Market Size by Technology
- Market Size by Application
- Market Size by Country
 1. China Electrolyzer Market Size, USD MN
 - Market Size by Application
 2. India Electrolyzer Market Size, USD MN
 - Market Size by Application
 3. Rest of APAC Electrolyzer Market Size, USD MN
 - Rest of the World (By Technology, By Application)

9. Market Ranking/Share of (leading 5 companies) by Company at Global Level, 2022

10. Company Profile,

- a. Introduction
- b. Siemens
 - Business Overview
 - Revenue
 - Product Development
 - Contracts, Agreements and Merger & Acquisitions
- c. Nel Hydrogen
 - Business Overview
 - Revenue
 - Product Development
 - Contracts, Agreements and Merger & Acquisitions
- d. Plug Power
 - Business Overview
 - Revenue
 - Product Development
 - Contracts, Agreements and Merger & Acquisitions
- e. Enapter
 - Business Overview
 - Revenue
 - Product Development
 - Contracts, Agreements and Merger & Acquisitions
- f. Cummins
 - Business Overview
 - Revenue
 - Product Development
 - Contracts, Agreements and Merger & Acquisitions
- g. ITM Power
 - Business Overview
 - Revenue
 - Product Development
 - Contracts, Agreements and Merger & Acquisitions
- h. NEL
 - Business Overview
 - Revenue
 - Product Development
 - Contracts, Agreements and Merger & Acquisitions
- i. McPhy Energy
 - Business Overview
 - Revenue
 - Product Development
 - Contracts, Agreements and Merger & Acquisitions

11. Appendix

- a. Discussion Guide

Note: e: Estimated, F : Forecasted
(List of Companies will be changed and more companies will be profiled during course of study)

ORDER FORM

I wish to procure:

(Tick)	Product	Before 6th Oct. 2023	After 6th Oct. 2023
<input type="checkbox"/>	Global Electrolyzer Market Forecast 2028	INR 2,97,000 / USD 3,600	INR 3,30,000 / USD 4,000
<input type="checkbox"/>	In addition, I wish to procure the hard copy of report	INR 10,000/USD 250	INR 10,000/USD 250

+ GST as applicable.

Name (Block Letters):

Designation:

Company:

GST No.:

Mailing Address:

Fax:

Mobile:

E-Mail:

For cheque/demand draft:

I am enclosing a cheque/demand draft of INR/US\$:

vide cheque/demand draft no.:

drawn on:

dated:

in favour of:

SN Global Infra Research Solutions Pvt. Ltd.

Wire Transfer details:

Beneficiary:

SN Global Infra Research Solutions Pvt. Ltd.

Bank Name:

Kotak Mahindra Bank

Bank Address:

JMD Galleria Sohna Road, Gurgaon 122001

Bank Account No.:

1245592343

IFSC Code.:

KKBK0004266

*EBD subject to payment received on or before discounted date

Signature



SN Global Infra Research Solutions Pvt Ltd.

Kanupriya: Mobile: +91 74288 13124, E-mail: snp.kanupriya@snglobalresearch.com

E-mail: reports@snpinfrasol.com |  +91 74288 13124