

# Global Carbon Neutral Synthetic Fuel (e-fuels) Supply, Demand and Key Producers, 2024-2030

<https://marketpublishers.com/r/GC0D7EDE579CEN.html>

Date: March 2024

Pages: 107

Price: US\$ 4,480.00 (Single User License)

ID: GC0D7EDE579CEN

## Abstracts

The global Carbon Neutral Synthetic Fuel (e-fuels) market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Carbon-neutral fuel is a type of fuel that does not contribute to net carbon dioxide emissions in the atmosphere when burned or used. These fuels use sustainable methods and technologies that minimize or offset carbon emissions throughout their lifecycle. Synthetic fuels, among carbon-neutral fuels, are made by chemically hydrogenating carbon dioxide.

This report studies the global Carbon Neutral Synthetic Fuel (e-fuels) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Carbon Neutral Synthetic Fuel (e-fuels), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Carbon Neutral Synthetic Fuel (e-fuels) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Carbon Neutral Synthetic Fuel (e-fuels) total production and demand, 2019-2030, (Tons)

Global Carbon Neutral Synthetic Fuel (e-fuels) total production value, 2019-2030, (USD Million)

Global Carbon Neutral Synthetic Fuel (e-fuels) production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Carbon Neutral Synthetic Fuel (e-fuels) consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: Carbon Neutral Synthetic Fuel (e-fuels) domestic production, consumption, key domestic manufacturers and share

Global Carbon Neutral Synthetic Fuel (e-fuels) production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global Carbon Neutral Synthetic Fuel (e-fuels) production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Carbon Neutral Synthetic Fuel (e-fuels) production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global Carbon Neutral Synthetic Fuel (e-fuels) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BioMCN, Bosch Global, Enkern, S?dra, SEMI, Proton On-Site (Nel), Siemens and Teledyne Energy Systems, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Carbon Neutral Synthetic Fuel (e-fuels) market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

## Global Carbon Neutral Synthetic Fuel (e-fuels) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Carbon Neutral Synthetic Fuel (e-fuels) Market, Segmentation by Type

Chemically Hydrogenating Carbon Dioxide

Green Hydrogen

Others

## Global Carbon Neutral Synthetic Fuel (e-fuels) Market, Segmentation by Application

Transportation

Energy Production

Industrial Manufacturing

Refined Chemistry

Marine Applications

Heating/Cooling System

#### Companies Profiled:

BioMCN

Bosch Global

Enerkem

S?dra

SEMI

Proton On-Site (Nel)

Siemens

Teledyne Energy Systems

#### Key Questions Answered

1. How big is the global Carbon Neutral Synthetic Fuel (e-fuels) market?
2. What is the demand of the global Carbon Neutral Synthetic Fuel (e-fuels) market?
3. What is the year over year growth of the global Carbon Neutral Synthetic Fuel (e-fuels) market?
4. What is the production and production value of the global Carbon Neutral Synthetic Fuel (e-fuels) market?
5. Who are the key producers in the global Carbon Neutral Synthetic Fuel (e-fuels) market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Carbon Neutral Synthetic Fuel (e-fuels) Introduction
- 1.2 World Carbon Neutral Synthetic Fuel (e-fuels) Supply & Forecast
  - 1.2.1 World Carbon Neutral Synthetic Fuel (e-fuels) Production Value (2019 & 2023 & 2030)
  - 1.2.2 World Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030)
  - 1.2.3 World Carbon Neutral Synthetic Fuel (e-fuels) Pricing Trends (2019-2030)
- 1.3 World Carbon Neutral Synthetic Fuel (e-fuels) Production by Region (Based on Production Site)
  - 1.3.1 World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Region (2019-2030)
  - 1.3.2 World Carbon Neutral Synthetic Fuel (e-fuels) Production by Region (2019-2030)
  - 1.3.3 World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Region (2019-2030)
  - 1.3.4 North America Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030)
  - 1.3.5 Europe Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030)
  - 1.3.6 China Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030)
  - 1.3.7 Japan Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Carbon Neutral Synthetic Fuel (e-fuels) Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Carbon Neutral Synthetic Fuel (e-fuels) Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Carbon Neutral Synthetic Fuel (e-fuels) Demand (2019-2030)
- 2.2 World Carbon Neutral Synthetic Fuel (e-fuels) Consumption by Region
  - 2.2.1 World Carbon Neutral Synthetic Fuel (e-fuels) Consumption by Region (2019-2024)
  - 2.2.2 World Carbon Neutral Synthetic Fuel (e-fuels) Consumption Forecast by Region (2025-2030)
- 2.3 United States Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030)
- 2.4 China Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030)
- 2.5 Europe Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030)
- 2.6 Japan Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030)
- 2.7 South Korea Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030)

2.8 ASEAN Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030)

2.9 India Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030)

### **3 WORLD CARBON NEUTRAL SYNTHETIC FUEL (E-FUELS) MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Manufacturer (2019-2024)

3.2 World Carbon Neutral Synthetic Fuel (e-fuels) Production by Manufacturer (2019-2024)

3.3 World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Manufacturer (2019-2024)

3.4 Carbon Neutral Synthetic Fuel (e-fuels) Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Carbon Neutral Synthetic Fuel (e-fuels) Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Carbon Neutral Synthetic Fuel (e-fuels) in 2023

3.5.3 Global Concentration Ratios (CR8) for Carbon Neutral Synthetic Fuel (e-fuels) in 2023

3.6 Carbon Neutral Synthetic Fuel (e-fuels) Market: Overall Company Footprint Analysis

3.6.1 Carbon Neutral Synthetic Fuel (e-fuels) Market: Region Footprint

3.6.2 Carbon Neutral Synthetic Fuel (e-fuels) Market: Company Product Type Footprint

3.6.3 Carbon Neutral Synthetic Fuel (e-fuels) Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

4.1 United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Production Value Comparison

4.1.1 United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Production Value Comparison (2019 & 2023 & 2030)

4.1.2 United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share Comparison (2019 & 2023 & 2030)

4.2 United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Production Comparison

4.2.1 United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Production Comparison (2019 & 2023 & 2030)

4.2.2 United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share Comparison (2019 & 2023 & 2030)

4.3 United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Consumption Comparison

4.3.1 United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Consumption Comparison (2019 & 2023 & 2030)

4.3.2 United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Consumption Market Share Comparison (2019 & 2023 & 2030)

4.4 United States Based Carbon Neutral Synthetic Fuel (e-fuels) Manufacturers and Market Share, 2019-2024

4.4.1 United States Based Carbon Neutral Synthetic Fuel (e-fuels) Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Value (2019-2024)

4.4.3 United States Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2024)

4.5 China Based Carbon Neutral Synthetic Fuel (e-fuels) Manufacturers and Market Share

4.5.1 China Based Carbon Neutral Synthetic Fuel (e-fuels) Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Value (2019-2024)

4.5.3 China Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2024)

4.6 Rest of World Based Carbon Neutral Synthetic Fuel (e-fuels) Manufacturers and Market Share, 2019-2024

4.6.1 Rest of World Based Carbon Neutral Synthetic Fuel (e-fuels) Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Value (2019-2024)

4.6.3 Rest of World Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2024)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Carbon Neutral Synthetic Fuel (e-fuels) Market Size Overview by Type: 2019 VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 Chemically Hydrogenating Carbon Dioxide

5.2.2 Green Hydrogen

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Carbon Neutral Synthetic Fuel (e-fuels) Production by Type (2019-2030)

5.3.2 World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Type (2019-2030)

5.3.3 World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Type (2019-2030)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Carbon Neutral Synthetic Fuel (e-fuels) Market Size Overview by Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 Transportation

6.2.2 Energy Production

6.2.3 Industrial Manufacturing

6.2.4 Refined Chemistry

6.2.5 Marine Applications

6.2.6 Heating/Cooling System

6.3 Market Segment by Application

6.3.1 World Carbon Neutral Synthetic Fuel (e-fuels) Production by Application (2019-2030)

6.3.2 World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Application (2019-2030)

6.3.3 World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Application (2019-2030)

## **7 COMPANY PROFILES**

7.1 BioMCN

7.1.1 BioMCN Details

7.1.2 BioMCN Major Business



- 7.1.3 BioMCN Carbon Neutral Synthetic Fuel (e-fuels) Product and Services
- 7.1.4 BioMCN Carbon Neutral Synthetic Fuel (e-fuels) Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.1.5 BioMCN Recent Developments/Updates
- 7.1.6 BioMCN Competitive Strengths & Weaknesses
- 7.2 Bosch Global
  - 7.2.1 Bosch Global Details
  - 7.2.2 Bosch Global Major Business
  - 7.2.3 Bosch Global Carbon Neutral Synthetic Fuel (e-fuels) Product and Services
  - 7.2.4 Bosch Global Carbon Neutral Synthetic Fuel (e-fuels) Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.2.5 Bosch Global Recent Developments/Updates
  - 7.2.6 Bosch Global Competitive Strengths & Weaknesses
- 7.3 Enerkem
  - 7.3.1 Enerkem Details
  - 7.3.2 Enerkem Major Business
  - 7.3.3 Enerkem Carbon Neutral Synthetic Fuel (e-fuels) Product and Services
  - 7.3.4 Enerkem Carbon Neutral Synthetic Fuel (e-fuels) Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.3.5 Enerkem Recent Developments/Updates
  - 7.3.6 Enerkem Competitive Strengths & Weaknesses
- 7.4 S?dra
  - 7.4.1 S?dra Details
  - 7.4.2 S?dra Major Business
  - 7.4.3 S?dra Carbon Neutral Synthetic Fuel (e-fuels) Product and Services
  - 7.4.4 S?dra Carbon Neutral Synthetic Fuel (e-fuels) Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.4.5 S?dra Recent Developments/Updates
  - 7.4.6 S?dra Competitive Strengths & Weaknesses
- 7.5 SEMI
  - 7.5.1 SEMI Details
  - 7.5.2 SEMI Major Business
  - 7.5.3 SEMI Carbon Neutral Synthetic Fuel (e-fuels) Product and Services
  - 7.5.4 SEMI Carbon Neutral Synthetic Fuel (e-fuels) Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.5.5 SEMI Recent Developments/Updates
  - 7.5.6 SEMI Competitive Strengths & Weaknesses
- 7.6 Proton On-Site (Nel)
  - 7.6.1 Proton On-Site (Nel) Details

- 7.6.2 Proton On-Site (Nel) Major Business
- 7.6.3 Proton On-Site (Nel) Carbon Neutral Synthetic Fuel (e-fuels) Product and Services
- 7.6.4 Proton On-Site (Nel) Carbon Neutral Synthetic Fuel (e-fuels) Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.6.5 Proton On-Site (Nel) Recent Developments/Updates
- 7.6.6 Proton On-Site (Nel) Competitive Strengths & Weaknesses
- 7.7 Siemens
  - 7.7.1 Siemens Details
  - 7.7.2 Siemens Major Business
  - 7.7.3 Siemens Carbon Neutral Synthetic Fuel (e-fuels) Product and Services
  - 7.7.4 Siemens Carbon Neutral Synthetic Fuel (e-fuels) Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.7.5 Siemens Recent Developments/Updates
  - 7.7.6 Siemens Competitive Strengths & Weaknesses
- 7.8 Teledyne Energy Systems
  - 7.8.1 Teledyne Energy Systems Details
  - 7.8.2 Teledyne Energy Systems Major Business
  - 7.8.3 Teledyne Energy Systems Carbon Neutral Synthetic Fuel (e-fuels) Product and Services
  - 7.8.4 Teledyne Energy Systems Carbon Neutral Synthetic Fuel (e-fuels) Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.8.5 Teledyne Energy Systems Recent Developments/Updates
  - 7.8.6 Teledyne Energy Systems Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Carbon Neutral Synthetic Fuel (e-fuels) Industry Chain
- 8.2 Carbon Neutral Synthetic Fuel (e-fuels) Upstream Analysis
  - 8.2.1 Carbon Neutral Synthetic Fuel (e-fuels) Core Raw Materials
  - 8.2.2 Main Manufacturers of Carbon Neutral Synthetic Fuel (e-fuels) Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Carbon Neutral Synthetic Fuel (e-fuels) Production Mode
- 8.6 Carbon Neutral Synthetic Fuel (e-fuels) Procurement Model
- 8.7 Carbon Neutral Synthetic Fuel (e-fuels) Industry Sales Model and Sales Channels
  - 8.7.1 Carbon Neutral Synthetic Fuel (e-fuels) Sales Model
  - 8.7.2 Carbon Neutral Synthetic Fuel (e-fuels) Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Region (2019-2024) & (USD Million)

Table 3. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Region (2025-2030) & (USD Million)

Table 4. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share by Region (2019-2024)

Table 5. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share by Region (2025-2030)

Table 6. World Carbon Neutral Synthetic Fuel (e-fuels) Production by Region (2019-2024) & (Tons)

Table 7. World Carbon Neutral Synthetic Fuel (e-fuels) Production by Region (2025-2030) & (Tons)

Table 8. World Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share by Region (2019-2024)

Table 9. World Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share by Region (2025-2030)

Table 10. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Region (2019-2024) & (US\$/Ton)

Table 11. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Region (2025-2030) & (US\$/Ton)

Table 12. Carbon Neutral Synthetic Fuel (e-fuels) Major Market Trends

Table 13. World Carbon Neutral Synthetic Fuel (e-fuels) Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (Tons)

Table 14. World Carbon Neutral Synthetic Fuel (e-fuels) Consumption by Region (2019-2024) & (Tons)

Table 15. World Carbon Neutral Synthetic Fuel (e-fuels) Consumption Forecast by Region (2025-2030) & (Tons)

Table 16. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key Carbon Neutral Synthetic Fuel (e-fuels) Producers in 2023

Table 18. World Carbon Neutral Synthetic Fuel (e-fuels) Production by Manufacturer (2019-2024) & (Tons)

Table 19. Production Market Share of Key Carbon Neutral Synthetic Fuel (e-fuels) Producers in 2023

Table 20. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Manufacturer (2019-2024) & (US\$/Ton)

Table 21. Global Carbon Neutral Synthetic Fuel (e-fuels) Company Evaluation Quadrant

Table 22. World Carbon Neutral Synthetic Fuel (e-fuels) Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and Carbon Neutral Synthetic Fuel (e-fuels) Production Site of Key Manufacturer

Table 24. Carbon Neutral Synthetic Fuel (e-fuels) Market: Company Product Type Footprint

Table 25. Carbon Neutral Synthetic Fuel (e-fuels) Market: Company Product Application Footprint

Table 26. Carbon Neutral Synthetic Fuel (e-fuels) Competitive Factors

Table 27. Carbon Neutral Synthetic Fuel (e-fuels) New Entrant and Capacity Expansion Plans

Table 28. Carbon Neutral Synthetic Fuel (e-fuels) Mergers & Acquisitions Activity

Table 29. United States VS China Carbon Neutral Synthetic Fuel (e-fuels) Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)

Table 30. United States VS China Carbon Neutral Synthetic Fuel (e-fuels) Production Comparison, (2019 & 2023 & 2030) & (Tons)

Table 31. United States VS China Carbon Neutral Synthetic Fuel (e-fuels) Consumption Comparison, (2019 & 2023 & 2030) & (Tons)

Table 32. United States Based Carbon Neutral Synthetic Fuel (e-fuels) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2024) & (Tons)

Table 36. United States Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share (2019-2024)

Table 37. China Based Carbon Neutral Synthetic Fuel (e-fuels) Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2024) & (Tons)

Table 41. China Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share (2019-2024)

Table 42. Rest of World Based Carbon Neutral Synthetic Fuel (e-fuels) Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2024) & (Tons)

Table 46. Rest of World Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share (2019-2024)

Table 47. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World Carbon Neutral Synthetic Fuel (e-fuels) Production by Type (2019-2024) & (Tons)

Table 49. World Carbon Neutral Synthetic Fuel (e-fuels) Production by Type (2025-2030) & (Tons)

Table 50. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Type (2019-2024) & (USD Million)

Table 51. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Type (2025-2030) & (USD Million)

Table 52. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Type (2019-2024) & (US\$/Ton)

Table 53. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Type (2025-2030) & (US\$/Ton)

Table 54. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World Carbon Neutral Synthetic Fuel (e-fuels) Production by Application (2019-2024) & (Tons)

Table 56. World Carbon Neutral Synthetic Fuel (e-fuels) Production by Application (2025-2030) & (Tons)

Table 57. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Application (2019-2024) & (USD Million)

Table 58. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Application (2025-2030) & (USD Million)

Table 59. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Application

(2019-2024) & (US\$/Ton)

Table 60. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Application (2025-2030) & (US\$/Ton)

Table 61. BioMCN Basic Information, Manufacturing Base and Competitors

Table 62. BioMCN Major Business

Table 63. BioMCN Carbon Neutral Synthetic Fuel (e-fuels) Product and Services

Table 64. BioMCN Carbon Neutral Synthetic Fuel (e-fuels) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. BioMCN Recent Developments/Updates

Table 66. BioMCN Competitive Strengths & Weaknesses

Table 67. Bosch Global Basic Information, Manufacturing Base and Competitors

Table 68. Bosch Global Major Business

Table 69. Bosch Global Carbon Neutral Synthetic Fuel (e-fuels) Product and Services

Table 70. Bosch Global Carbon Neutral Synthetic Fuel (e-fuels) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 71. Bosch Global Recent Developments/Updates

Table 72. Bosch Global Competitive Strengths & Weaknesses

Table 73. Enerkem Basic Information, Manufacturing Base and Competitors

Table 74. Enerkem Major Business

Table 75. Enerkem Carbon Neutral Synthetic Fuel (e-fuels) Product and Services

Table 76. Enerkem Carbon Neutral Synthetic Fuel (e-fuels) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Enerkem Recent Developments/Updates

Table 78. Enerkem Competitive Strengths & Weaknesses

Table 79. S?dra Basic Information, Manufacturing Base and Competitors

Table 80. S?dra Major Business

Table 81. S?dra Carbon Neutral Synthetic Fuel (e-fuels) Product and Services

Table 82. S?dra Carbon Neutral Synthetic Fuel (e-fuels) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 83. S?dra Recent Developments/Updates

Table 84. S?dra Competitive Strengths & Weaknesses

Table 85. SEMI Basic Information, Manufacturing Base and Competitors

Table 86. SEMI Major Business

Table 87. SEMI Carbon Neutral Synthetic Fuel (e-fuels) Product and Services

Table 88. SEMI Carbon Neutral Synthetic Fuel (e-fuels) Production (Tons), Price

(US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 89. SEMI Recent Developments/Updates

Table 90. SEMI Competitive Strengths & Weaknesses

Table 91. Proton On-Site (Nel) Basic Information, Manufacturing Base and Competitors

Table 92. Proton On-Site (Nel) Major Business

Table 93. Proton On-Site (Nel) Carbon Neutral Synthetic Fuel (e-fuels) Product and Services

Table 94. Proton On-Site (Nel) Carbon Neutral Synthetic Fuel (e-fuels) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 95. Proton On-Site (Nel) Recent Developments/Updates

Table 96. Proton On-Site (Nel) Competitive Strengths & Weaknesses

Table 97. Siemens Basic Information, Manufacturing Base and Competitors

Table 98. Siemens Major Business

Table 99. Siemens Carbon Neutral Synthetic Fuel (e-fuels) Product and Services

Table 100. Siemens Carbon Neutral Synthetic Fuel (e-fuels) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 101. Siemens Recent Developments/Updates

Table 102. Teledyne Energy Systems Basic Information, Manufacturing Base and Competitors

Table 103. Teledyne Energy Systems Major Business

Table 104. Teledyne Energy Systems Carbon Neutral Synthetic Fuel (e-fuels) Product and Services

Table 105. Teledyne Energy Systems Carbon Neutral Synthetic Fuel (e-fuels) Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 106. Global Key Players of Carbon Neutral Synthetic Fuel (e-fuels) Upstream (Raw Materials)

Table 107. Carbon Neutral Synthetic Fuel (e-fuels) Typical Customers

Table 108. Carbon Neutral Synthetic Fuel (e-fuels) Typical Distributors

## **LIST OF FIGURE**

Figure 1. Carbon Neutral Synthetic Fuel (e-fuels) Picture

Figure 2. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value and Forecast



(2019-2030) & (USD Million)

Figure 4. World Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030) & (Tons)

Figure 5. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price (2019-2030) & (US\$/Ton)

Figure 6. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share by Region (2019-2030)

Figure 7. World Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share by Region (2019-2030)

Figure 8. North America Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030) & (Tons)

Figure 9. Europe Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030) & (Tons)

Figure 10. China Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030) & (Tons)

Figure 11. Japan Carbon Neutral Synthetic Fuel (e-fuels) Production (2019-2030) & (Tons)

Figure 12. Carbon Neutral Synthetic Fuel (e-fuels) Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030) & (Tons)

Figure 15. World Carbon Neutral Synthetic Fuel (e-fuels) Consumption Market Share by Region (2019-2030)

Figure 16. United States Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030) & (Tons)

Figure 17. China Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030) & (Tons)

Figure 18. Europe Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030) & (Tons)

Figure 19. Japan Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030) & (Tons)

Figure 20. South Korea Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030) & (Tons)

Figure 21. ASEAN Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030) & (Tons)

Figure 22. India Carbon Neutral Synthetic Fuel (e-fuels) Consumption (2019-2030) & (Tons)

Figure 23. Producer Shipments of Carbon Neutral Synthetic Fuel (e-fuels) by Manufacturer Revenue (\$MM) and Market Share (%): 2023

Figure 24. Global Four-firm Concentration Ratios (CR4) for Carbon Neutral Synthetic Fuel (e-fuels) Markets in 2023

Figure 25. Global Four-firm Concentration Ratios (CR8) for Carbon Neutral Synthetic Fuel (e-fuels) Markets in 2023

Figure 26. United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share Comparison (2019 & 2023 & 2030)

Figure 27. United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: Carbon Neutral Synthetic Fuel (e-fuels) Consumption Market Share Comparison (2019 & 2023 & 2030)

Figure 29. United States Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share 2023

Figure 30. China Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share 2023

Figure 31. Rest of World Based Manufacturers Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share 2023

Figure 32. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 33. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share by Type in 2023

Figure 34. Chemically Hydrogenating Carbon Dioxide

Figure 35. Green Hydrogen

Figure 36. Others

Figure 37. World Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share by Type (2019-2030)

Figure 38. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share by Type (2019-2030)

Figure 39. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Type (2019-2030) & (US\$/Ton)

Figure 40. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 41. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share by Application in 2023

Figure 42. Transportation

Figure 43. Energy Production

Figure 44. Industrial Manufacturing

Figure 45. Refined Chemistry

Figure 46. Marine Applications

Figure 47. Heating/Cooling System

Figure 48. World Carbon Neutral Synthetic Fuel (e-fuels) Production Market Share by Application (2019-2030)

Figure 49. World Carbon Neutral Synthetic Fuel (e-fuels) Production Value Market Share by Application (2019-2030)

Figure 50. World Carbon Neutral Synthetic Fuel (e-fuels) Average Price by Application (2019-2030) & (US\$/Ton)

Figure 51. Carbon Neutral Synthetic Fuel (e-fuels) Industry Chain

Figure 52. Carbon Neutral Synthetic Fuel (e-fuels) Procurement Model

Figure 53. Carbon Neutral Synthetic Fuel (e-fuels) Sales Model

Figure 54. Carbon Neutral Synthetic Fuel (e-fuels) Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

## I would like to order

Product name: Global Carbon Neutral Synthetic Fuel (e-fuels) Supply, Demand and Key Producers, 2024-2030

Product link: <https://marketpublishers.com/r/GC0D7EDE579CEN.html>

Price: US\$ 4,480.00 (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/GC0D7EDE579CEN.html>

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**

Customer signature \_\_\_\_\_

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

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

