

# Europe Membrane Electrode Assemblies Market by Manufacturers, Countries, Type and Application, Forecast to 2022

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### **Abstracts**

The Membrane Electrode Assembly (MEA) is the core component of a fuel cell that helps produce the electrochemical reaction needed to separate electrons. On the anode side of the MEA, a fuel (hydrogen, methanol etc.) diffuses through the membrane and is met on the cathode end by an oxidant (oxygen or air) which bonds with the fuel and receives the electrons that were separated from the fuel. Catalysts on each side enable reactions and the membrane allows protons to pass through while keeping the gases separate. In this way cell potential is maintained and current is drawn from the cell producing electricity.

#### **SCOPE OF THE REPORT:**

This report focuses on the Membrane Electrode Assemblies in Europe market, especially in Germany, UK, France, Russia, and Italy. This report categorizes the market based on manufacturers, countries, type and application.

Market Segment by Manufacturers, this report covers

3M

**Dupont (Chemours)** 

Gore

Johnson Matthey



## Ballard Greenerity Wuhan WUT IRD Fuel Cells Giner HyPlat Market Segment by Countries, covering Germany UK France Russia Italy Market Segment by Type, covers 3-layer MEA 5-layer MEA Other Market Segment by Applications, can be divided into

Hydrogen Fuel Cells



Methanol Fuel Cells

Others

There are 17 Chapters to deeply display the Europe Membrane Electrode Assemblies market.

Chapter 1, to describe Membrane Electrode Assemblies Introduction, product type and application, market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Membrane Electrode Assemblies, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers in Europe, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the Europe market by countries, covering Germany, UK, France, Italy and Russia, with sales, price, revenue and market share of Membrane Electrode Assemblies, for each country, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type and application, from 2012 to 2017;

Chapter 7, 8, 9, 10 and 11, to analyze the key countries by manufacturers, Type and Application, covering Germany, UK, France, Italy and Russia, with sales, revenue and market share by manufacturers, types and applications;

Chapter 12, Membrane Electrode Assemblies market forecast, by countries, type and application, with sales, price, revenue and growth rate forecast, from 2017 to 2022;

Chapter 13, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 14, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 15, to describe Membrane Electrode Assemblies sales channel, distributors,



traders, dealers etc.

Chapter 16 and 17, to describe Membrane Electrode Assemblies Research Findings and Conclusion, Appendix, methodology and data source



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in 2015

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