Emission Control Catalyst Market by Type (Palladium, Platinum, Rhodium), Application (Automotive, Industrial and Others), Region - Global Trends & Forecast to 2021

Description:
The global emission control catalyst market is projected to reach USD 16.09 billion by 2021, registering a CAGR of 10.37% from 2016 to 2021. Emission control catalysts are used to breakdown the harmful pollutants in the exhaust system of an automotive or any industrial machinery to release less harmful pollutants into the environment. The strict emission regulations standards set by the EU, adoption of EU equivalent emission standards by China and other Asia-Pacific countries, and increase in the demand for diesel oxidation catalysts is driving the emission control catalyst market. The emission control catalysts are a major segment in the catalyst market which is extremely vital for the automobile industry.

“Platinum based ECC: The fastest-growing product segment of the ECC market”
Platinum is the most active catalyst and a widely used precious metal in catalytic converters in gasoline engines. It is used as both a reduction and an oxidation catalyst. The stringent regulations governing automobile exhaust emissions are driving the market demand for platinum-based emission control catalysts. Platinum has always been favored for use in diesel engines after treatment because the exhaust stream of a diesel engine is a highly oxidizing environment and under these conditions, palladium is easily converted to a less catalytically active palladium oxide whereas platinum remains in its metallic form.

“Europe: The fastest-growing market for ECC”
Europe is estimated to be the fastest-growing market for ECC. Market growth in the region can be attributed to the expansion of production capacity and high demand for end-use products, among other factors (EU emission standards, gradual switch to diesel cars). The high demand for ECC in the Europe has prompted expansion activities by key players in this region, making it the fastest-growing regional market for ECCs. The information in this study has been validated through primaries conducted with various industry experts across the globe. These primary sources have been divided into three categories: by company, by designation, and by region.

- By Company Type: Tier 1- 46%, Tier 2- 31%, and Tier 3- 23%
- By Designation: C Level- 54%, D Level- 31%, and Others- 15%
- By Region: North America- 23%, Europe- 31%, Asia-Pacific- 38%, and RoW- 8%

The report also provides company profiles and details the competitive strategies adopted by major market players such as BASF Catalysts LLC (U.S.), Johnson Matthey (U.K.), Solvay S.A. (Belgium), Umicore SA (Belgium), Corning Incorporated (U.S.), and Clariant Corporation (Switzerland).

The report will help leaders/new entrants in the market in the following ways:
1. The report segments the ECC market comprehensively and provides the closest approximations of the revenue for the overall market and the subsegments across different verticals and regions.
2. The report helps stakeholders to understand the pulse of the market and provides information on key market drivers, restraints, and opportunities.
3. The report helps stakeholders to better understand their competitors and gain additional insights into the business. The competitive landscape section includes a competitor ecosystem, new product developments, partnerships, and mergers & acquisitions.

Contents:
1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Markets Covered
      1.3.2 Years Considered for the Study
   1.4 Currency
   1.5 Package Size
   1.6 Stakeholder

2 Research Methodology
   2.1 Research Data
      2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources

2.1.2 Primary Data
  2.1.2.1 Key Data From Primary Sources
  2.1.2.2 Breakdown of Primaries

2.2 Market Size Estimation
  2.2.1.1 Bottom-Up Approach
  2.2.1.2 Top-Down Approach

2.3 Market Breakdown and Data Triangulation

2.4 Research Assumption and Limitation
  2.4.1 Assumptions

3 Executive Summary

4 Premium Insights
  4.1 Attractive Market Opportunities for ECC
  4.2 Europe Market Share, By Country and Application
  4.3 ECC Market: Major Applications
  4.4 ECC Market, By Type

5 Market Overview
  5.1 Introduction
  5.2 Market Segmentation
    5.2.1 ECC Market, By Type
    5.2.2 ECC Market, By Application
    5.2.3 ECC Market, By Region
  5.3 Market Dynamics
    5.3.1 Drivers
      5.3.1.1 Stringent Emission Regulations Due to Increased Concern Over Environmental Pollution
      5.3.1.2 Adoption of Emission Standards By China and Other Asia-Pacific Countries Equivalent to EU
      5.3.1.3 Increase in the Use of Automotive Diesel Engines Set to Increase the Demand for Diesel Oxidation Catalyst
    5.3.2 Restraints
      5.3.2.1 Dependence of Performance on Temperature and Loss of Activity Through Poisoning and Thermal Deactivation
      5.3.2.2 Possibility of Undesired Secondary Emissions
    5.3.3 Opportunities
      5.3.3.1 Increasing Focus of Catalyst Manufacturers on Innovation and Wash-Coat Technology
      5.3.3.2 Increasing Awareness Among Automobile Manufacturers to Include Catalytic Converters to Reduce Vehicular Pollution
    5.3.4 Challenges
      5.3.4.1 Less Stringent Emission Regulations in Asia-Pacific Dissuading Potential Investors
      5.3.4.2 High Prices of Precious Group Metals
      5.3.4.3 Growth of Battery Electric Vehicles Market Might Overshadow the Need for Pgms in Catalyst

6 Industry Trends
  6.1 Introduction
  6.2 Value Chain Analysis
  6.3 Porter’s Five Forces Analysis
    6.3.1 Bargaining Power of Suppliers
    6.3.2 Bargaining Power of Buyers
    6.3.3 Threat of Substitutes
    6.3.4 Threat From New Entrants
    6.3.5 Intensity of Rivalry

7 ECC Market, By Type
  7.1 Introduction
  7.2 Emission Control Catalytic Converters
    7.2.1 Oxidation Catalysts
      7.2.1.1 Diesel Oxidation Catalysts
    7.2.2 Two-Way Catalytic Converters
    7.2.3 Three-Way Catalytic Converters
7.2.4 Selective Catalytic Reduction (SCR)
7.2.5 Lean De-Nox Catalysts (Hydrocarbon SCR)
7.3 Palladium-Based ECC
7.4 Platinum-Based ECC
7.5 Rhodium-Based ECC
7.6 Other Industrial ECC

8 ECC Market, By Application
8.1 Introduction
8.2 Automotive Application
8.3 Industrial Application
8.3.1 Other Applications

9 ECC Market, By Region
9.1 Introduction
9.2 Pest Analysis
9.2.1 Political Factors
9.2.2 Economic Factors
9.2.3 Social Factors
9.2.4 Technological Factors
9.3 North America
9.3.1 U.S.
9.3.2 Canada
9.3.3 Mexico
9.4 Europe
9.4.1 Germany
9.4.2 France
9.4.3 U.K.
9.4.4 Italy
9.4.5 Rest of EU
9.5 Asia-Pacific
9.5.1 China
9.5.2 India
9.5.3 Japan
9.5.4 South Korea
9.5.5 Rest of APAC
9.6 RoW
9.6.1 Brazil
9.6.2 Russia
9.6.3 Rest of RoW

10 Competitive Landscape
10.1 Overview
10.2 Competitive Situations and Trends
10.2.1 Expansions
10.2.2 Agreements & Joint Ventures
10.2.3 New Product Launches
10.2.4 Mergers & Acquisitions

11 Company Profiles
(Overview, Financial*, Products & Services, Strategy, and Developments)
11.1 Introduction
11.2 BASF Catalysts LLC
11.3 Johnson Matthey PLC
11.4 Solvay SA
11.5 Umicore SA
11.6 Corning Incorporated
11.7 Clariant International Ltd.
11.8 Aerinox Inc.
11.9 Cataler Corporation
11.10 Cormetech Inc.
11.11 DCL International Inc.
*Details Might Not Be Captured in Case of Unlisted Companies*

12 Appendix

12.1 Discussion Guide
12.2 Knowledge Store: Subscription Portal
12.3 Introducing RT: Real Time Market Intelligence
12.4 Available Customizations
12.5 Related Reports

List of Tables

Table 1 ECC Market Size, By Type, 2014 - 2021 (USD Billion)
Table 2 ECC Market Size, By Type, 2014 - 2021 ('000 Ounce)
Table 3 Palladium-Based ECC Market Size, By Region, 2014 - 2021 (USD Billion)
Table 4 Palladium-Based ECC Market Size, By Region, 2014 - 2021 ('000 Ounce)
Table 5 Platinum-Based ECC Market Size, By Region, 2014 - 2021 (USD Billion)
Table 6 Platinum-Based ECC Market Size, By Region, 2014 - 2021 ('000 Ounce)
Table 7 Rhodium-Based ECC Market Size, By Region, 2014 - 2021 (USD Billion)
Table 8 Rhodium-Based ECC Market Size, By Region, 2014 - 2021 ('000 Ounce)
Table 9 Other Metals-Based ECC Market Size, By Region, 2014 - 2021 (USD Million)
Table 10 Other Metals-Based ECC Market Size, By Region, 2014 - 2021 ('000 Ounce)
Table 11 ECC Market Size, By Application, 2014 - 2021 (USD Billion)
Table 12 ECC Market Size, By Application, 2014 - 2021 ('000 Ounce)
Table 13 ECC Market Size in Automotive Application, By Region, 2016 - 2021 (USD Billion)
Table 14 ECC Market Size in Automotive Application, By Region, 2016 - 2021 (000 Ounce)
Table 15 ECC Market Size in Industrial Application, By Region, 2014 - 2021 (USD Billion)
Table 16 ECC Market Size in Industrial Application, By Region, 2014 - 2021 (000 Ounce)
Table 17 ECC Market Size in Other Applications, By Region, 2014 - 2021 (USD Billion)
Table 18 ECC Market Size in Other Applications, By Region, 2014 - 2021 (000 Ounce)
Table 19 ECC Market Size, By Region, 2014-2021 (USD Billion)
Table 20 ECC Market Size, By Region, 2014-2021 ('000 Ounce)
Table 21 North America: ECC Market Size, By Country, 2014-2021 (USD Million)
Table 22 North America: ECC Market Size, By Country, 2014-2021 ('000 Ounce)
Table 23 North America: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 24 North America: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 25 North America: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 26 North America: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 27 U.S.: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 28 U.S.: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 29 U.S.: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 30 U.S.: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 31 Canada: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 32 Canada: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 33 Canada: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 34 Canada: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 35 Mexico: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 36 Mexico: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 37 Mexico: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 38 Mexico: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 39 Europe: ECC Market Size, By Type, 2014 - 2021 (USD Million)
Table 40 Europe: ECC Market Size, By Type, 2014 - 2021 ('000 Ounce)
Table 41 Europe: ECC Market Size, By Application, 2014 - 2021 (USD Billion)
Table 42 Europe: ECC Market Size, By Application, 2014 - 2021 ('000 Ounce)
Table 43 Europe: ECC Market Size, By Country, 2014 - 2021 (USD Million)
Table 44 Europe: ECC Market Size, By Country, 2014 - 2021 ('000 Ounce)
Table 45 Germany: ECC Market Size, By Type, 2014 - 2021 (USD Million)
Table 46 Germany: ECC Market Size, By Type, 2014 - 2021 ('000 Ounce)
Table 47 Germany: ECC Market Size, By Application, 2014 - 2021 (USD Million)
Table 48 Germany: ECC Market Size, By Application, 2014 - 2021 ('000 Ounce)
Table 49 France: ECC Market Size, By Type, 2012 - 2019 (USD Million)
Table 50 France: ECC Market Size, By Type, 2014 - 2021 ('000 Ounce)
Table 51 France: ECC Market Size, By Application, 2014 - 2021 (USD Million)
Table 52 France: ECC Market Size, By Application, 2014 - 2021 ('000 Ounce)
Table 53 U.K.: ECC Market Size, By Type, 2014 - 2021 (USD Million)
Table 54 U.K.: ECC Market Size, By Type, 2014 - 2021 ('000 Ounce)
Table 55 U.K.: ECC Market Size, By Application, 2014 - 2021 (USD Million)
Table 56 U.K.: ECC Market Size, By Application, 2014 - 2021 ('000 Ounce)
Table 57 Italy: ECC Market Size, By Type, 2014 - 2021 (USD Million)
Table 58 Italy: ECC Market Size, By Type, 2014 - 2021 ('000 Ounce)
Table 59 Italy: ECC Market Size, By Application, 2014 - 2021 (USD Million)
Table 60 Italy: ECC Market Size, By Application, 2014 - 2021 ('000 Ounce)
Table 61 Rest of EU: ECC Market Size, By Type, 2014 - 2021 (USD Million)
Table 62 Rest of EU: ECC Market Size, By Type, 2014 - 2021 ('000 Ounce)
Table 63 Rest of EU: ECC Market Size, By Application, 2014 - 2021 (USD Million)
Table 64 Rest of EU: ECC Market Size, By Application, 2014 - 2021 ('000 Ounce)
Table 65 APAC: ECC Market Size, By Country, 2014-2021 (USD Million)
Table 66 APAC: ECC Market Size, By Country, 2014-2021 ('000 Ounce)
Table 67 APAC: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 68 APAC: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 69 APAC: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 70 APAC: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 71 China: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 72 China: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 73 China: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 74 China: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 75 India: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 76 India: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 77 India: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 78 India: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 79 Japan: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 80 Japan: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 81 Japan: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 82 Japan: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 83 South Korea: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 84 South Korea: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 85 South Korea: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 86 South Korea: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 87 Rest of APAC: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 88 Rest of APAC: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 89 Rest of APAC: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 90 Rest of APAC: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 91 RoW: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 92 RoW: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 93 RoW: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 94 RoW: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 95 Brazil: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 96 Brazil: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 97 Brazil: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 98 Brazil: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 99 Brazil: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 100 Brazil: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 101 Russia: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 102 Russia: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 103 Russia: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 104 Russia: ECC Market Size, By Application, 2014-2021 ('000 Ounce)
Table 105 Rest of RoW: ECC Market Size, By Type, 2014-2021 (USD Million)
Table 106 Rest of RoW: ECC Market Size, By Type, 2014-2021 ('000 Ounce)
Table 107 Rest of RoW: ECC Market Size, By Application, 2014-2021 (USD Million)
Table 108 Rest of RoW: ECC Market Size, By Application, 2014-2021 ('000 Ounce)

List of Figures

Figure 1 ECC Market Segments
Figure 2 Research Design
Figure 3 Bottom-Up Approach
Figure 4 Top-Down Approach
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