

Global Palladium Market Report and Forecast 2024-2032

Market Report | 2024-06-20 | 220 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$2999.00
- Five User License \$3999.00
- Corporate License \$4999.00

Report description:

Global Palladium Market Report and Forecast 2024-2032

Market outlook

According to the report by Expert Market Research (EMR), the palladium market size reached a value of USD 19.35 billion in 2023. Aided by the increasing demand for palladium in various industrial applications and the growing use of palladium in automotive catalytic converters, the market is projected to further grow at a CAGR of 5.6% between 2024 and 2032 to reach a value of USD 31.73 billion by 2032.

Palladium, a rare and valuable precious metal, is primarily used in the automotive sector for catalytic converters, which help in reducing harmful emissions from vehicles. It is also used in electronics, dentistry, and jewellery due to its excellent catalytic properties, high corrosion resistance, and desirable physical characteristics. The increasing demand for cleaner emissions and the stringent environmental regulations are driving the palladium market growth.

The rising demand for palladium in the automotive sector is a significant factor driving the market. With the growing emphasis on reducing vehicle emissions and improving fuel efficiency, there has been a significant shift towards the adoption of palladium-based catalytic converters. These converters play a vital role in converting harmful pollutants, such as carbon monoxide and hydrocarbons, into less harmful substances, thereby helping in meeting stringent emission standards. The increasing production of vehicles, especially in emerging economies, is further propelling the demand for palladium.

The expanding applications of palladium in various sectors also play a significant role in propelling the palladium market. In the electronics sector, palladium is used in the production of multilayer ceramic capacitors (MLCCs), which are essential components in electronic devices. The growing demand for electronic devices, such as smartphones, laptops, and tablets, is boosting the demand for palladium in the electronics sector. In the dental sector, palladium is used in dental alloys for crowns and bridges, owing to its biocompatibility and high corrosion resistance. The rising demand for dental care and cosmetic dentistry is driving the adoption of palladium in the dental sector.

Moreover, advancements in palladium extraction and refining technologies are driving innovation and development in the market. The introduction of new extraction methods, such as solvent extraction and ion exchange, has enhanced the efficiency and yield of palladium extraction. These advancements enable the development of high-purity palladium with improved properties and reduced environmental impact. The growing adoption of advanced extraction technologies is driving up the palladium market

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

share.

The growing focus on sustainable and eco-friendly practices is also contributing to the market growth. With the increasing awareness of the environmental impact of mining activities, there is a significant demand for sustainable mining practices. The use of recycled palladium from electronic waste and catalytic converters is gaining traction, helping in reducing the environmental footprint of palladium production. The rising demand for sustainable and eco-friendly palladium is driving the adoption of recycling technologies.

The regulatory environment plays a crucial role in shaping the market. Governments and regulatory bodies across the world are actively supporting the development and deployment of cleaner and sustainable technologies. Various regulations and standards, such as the European Union's Euro 6 emission standards and the United States Environmental Protection Agency (EPA) regulations, are promoting the use of palladium-based catalytic converters. These regulatory efforts are providing a favourable environment for the growth of the market.

As per the palladium market analysis, the catalysts segment holds a significant share of the market, driven by its widespread use in automotive catalytic converters. Palladium-based catalysts are essential in reducing vehicle emissions and meeting stringent environmental regulations.

Market Segmentation □

The market can be divided based on application, end use, and region

Market Breakup by Application

- Catalytic Converters
- Ceramic Capacitors
- Jewellery
- Hydrogenation and Dehydrogenation Reaction
- Others

Market Breakup by End Use

- Automotive
- Chemical and Petrochemical
- Electronics
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Competitive landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in global palladium market. Some of the major players explored in the report by expert market research are as follows:

- Norilsk Nickel
- Anglo American plc
- Impala Platinum Holdings Limited
- Sibanye Stillwater Limited
- Northam Platinum Holdings Limited
- Thermo Fisher Scientific Inc.
- First Quantum Minerals Ltd.
- Otto Chemie Pvt. Ltd.
- Southern Palladium Limited

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

-[]Vineeth Precious Catalysts Pvt. Ltd.

-[]Others

About us

Acquire unparalleled access to critical industry insights with our comprehensive market research reports, meticulously prepared by a team of seasoned experts. These reports are designed to equip decision-makers with an in-depth understanding of prevailing market trends, competitive landscapes, and growth opportunities.

Our high-quality, data-driven analysis provides the essential framework for organisations seeking to make informed and strategic decisions in an increasingly complex and rapidly evolving business environment. By investing in our market research reports, you can ensure your organisation remains agile, proactive, and poised for success in today's competitive market.

Don't miss the opportunity to elevate your business intelligence and strengthen your strategic planning. Secure your organisation's future success by acquiring one of our expert market research reports today.

*We at Expert Market Research always strive to provide you with the latest information. The numbers in the article are only indicative and may be different from the actual report.

Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties and Applications
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Market Snapshot
 - 6.1 Global
 - 6.2 Regional
- 7 Opportunities and Challenges in the Market
- 8 Global Palladium Market Analysis
 - 8.1 Key Industry Highlights
 - 8.2 Global Palladium Historical Market (2018-2023)
 - 8.3 Global Palladium Market Forecast (2024-2032)
 - 8.4 Global Palladium Market by Application
 - 8.4.1 Catalytic Converters
 - 8.4.1.1 Historical Trend (2018-2023)
 - 8.4.1.2 Forecast Trend (2024-2032)
 - 8.4.2 Ceramic Capacitors
 - 8.4.2.1 Historical Trend (2018-2023)
 - 8.4.2.2 Forecast Trend (2024-2032)
 - 8.4.3 Jewellery
 - 8.4.3.1 Historical Trend (2018-2023)
 - 8.4.3.2 Forecast Trend (2024-2032)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.4.4 Hydrogenation and Dehydrogenation Reaction
 - 8.4.4.1 Historical Trend (2018-2023)
 - 8.4.4.2 Forecast Trend (2024-2032)
- 8.4.5 Others
- 8.5 Global Palladium Market by End Use
 - 8.5.1 Automotive
 - 8.5.1.1 Historical Trend (2018-2023)
 - 8.5.1.2 Forecast Trend (2024-2032)
 - 8.5.2 Chemical and Petrochemical
 - 8.5.2.1 Historical Trend (2018-2023)
 - 8.5.2.2 Forecast Trend (2024-2032)
 - 8.5.3 Electronics
 - 8.5.3.1 Historical Trend (2018-2023)
 - 8.5.3.2 Forecast Trend (2024-2032)
 - 8.5.4 Others
- 8.6 Global Palladium Market by Region
 - 8.6.1 North America
 - 8.6.1.1 Historical Trend (2018-2023)
 - 8.6.1.2 Forecast Trend (2024-2032)
 - 8.6.2 Europe
 - 8.6.2.1 Historical Trend (2018-2023)
 - 8.6.2.2 Forecast Trend (2024-2032)
 - 8.6.3 Asia Pacific
 - 8.6.3.1 Historical Trend (2018-2023)
 - 8.6.3.2 Forecast Trend (2024-2032)
 - 8.6.4 Latin America
 - 8.6.4.1 Historical Trend (2018-2023)
 - 8.6.4.2 Forecast Trend (2024-2032)
 - 8.6.5 Middle East and Africa
 - 8.6.5.1 Historical Trend (2018-2023)
 - 8.6.5.2 Forecast Trend (2024-2032)
- 9 North America Palladium Market Analysis
 - 9.1 United States of America
 - 9.1.1 Historical Trend (2018-2023)
 - 9.1.2 Forecast Trend (2024-2032)
 - 9.2 Canada
 - 9.2.1 Historical Trend (2018-2023)
 - 9.2.2 Forecast Trend (2024-2032)
- 10 Europe Palladium Market Analysis
 - 10.1 United Kingdom
 - 10.1.1 Historical Trend (2018-2023)
 - 10.1.2 Forecast Trend (2024-2032)
 - 10.2 Germany
 - 10.2.1 Historical Trend (2018-2023)
 - 10.2.2 Forecast Trend (2024-2032)
 - 10.3 France
 - 10.3.1 Historical Trend (2018-2023)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.3.2 Forecast Trend (2024-2032)
- 10.4 Italy
 - 10.4.1 Historical Trend (2018-2023)
 - 10.4.2 Forecast Trend (2024-2032)
- 10.5 Others
- 11 Asia Pacific Palladium Market Analysis
 - 11.1 China
 - 11.1.1 Historical Trend (2018-2023)
 - 11.1.2 Forecast Trend (2024-2032)
 - 11.2 Japan
 - 11.2.1 Historical Trend (2018-2023)
 - 11.2.2 Forecast Trend (2024-2032)
 - 11.3 India
 - 11.3.1 Historical Trend (2018-2023)
 - 11.3.2 Forecast Trend (2024-2032)
 - 11.4 ASEAN
 - 11.4.1 Historical Trend (2018-2023)
 - 11.4.2 Forecast Trend (2024-2032)
 - 11.5 Australia
 - 11.5.1 Historical Trend (2018-2023)
 - 11.5.2 Forecast Trend (2024-2032)
 - 11.6 Others
- 12 Latin America Palladium Market Analysis
 - 12.1 Brazil
 - 12.1.1 Historical Trend (2018-2023)
 - 12.1.2 Forecast Trend (2024-2032)
 - 12.2 Argentina
 - 12.2.1 Historical Trend (2018-2023)
 - 12.2.2 Forecast Trend (2024-2032)
 - 12.3 Mexico
 - 12.3.1 Historical Trend (2018-2023)
 - 12.3.2 Forecast Trend (2024-2032)
 - 12.4 Others
- 13 Middle East and Africa Palladium Market Analysis
 - 13.1 Saudi Arabia
 - 13.1.1 Historical Trend (2018-2023)
 - 13.1.2 Forecast Trend (2024-2032)
 - 13.2 United Arab Emirates
 - 13.2.1 Historical Trend (2018-2023)
 - 13.2.2 Forecast Trend (2024-2032)
 - 13.3 Nigeria
 - 13.3.1 Historical Trend (2018-2023)
 - 13.3.2 Forecast Trend (2024-2032)
 - 13.4 South Africa
 - 13.4.1 Historical Trend (2018-2023)
 - 13.4.2 Forecast Trend (2024-2032)
 - 13.5 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 14 Market Dynamics
 - 14.1 SWOT Analysis
 - 14.1.1 Strengths
 - 14.1.2 Weaknesses
 - 14.1.3 Opportunities
 - 14.1.4 Threats
 - 14.2 Porter's Five Forces Analysis
 - 14.2.1 Supplier's Power
 - 14.2.2 Buyer's Power
 - 14.2.3 Threat of New Entrants
 - 14.2.4 Degree of Rivalry
 - 14.2.5 Threat of Substitutes
 - 14.3 Key Indicators for Demand
 - 14.4 Key Indicators for Price
- 15 Trade Data Analysis (HS Code - 711029)
 - 15.1 Major Exporting Countries
 - 15.1.1 By Value
 - 15.1.2 By Volume
 - 15.2 Major Importing Countries
 - 15.2.1 By Value
 - 15.2.2 By Volume
- 16 Price Analysis
- 17 Competitive Landscape
 - 17.1 Market Structure
 - 17.2 Company Profiles
 - 17.2.1 Norilsk Nickel
 - 17.2.1.1 Company Overview
 - 17.2.1.2 Product Portfolio
 - 17.2.1.3 Demographic Reach and Achievements
 - 17.2.1.4 Certifications
 - 17.2.2 Anglo American plc
 - 17.2.2.1 Company Overview
 - 17.2.2.2 Product Portfolio
 - 17.2.2.3 Demographic Reach and Achievements
 - 17.2.2.4 Certifications
 - 17.2.3 Impala Platinum Holdings Limited
 - 17.2.3.1 Company Overview
 - 17.2.3.2 Product Portfolio
 - 17.2.3.3 Demographic Reach and Achievements
 - 17.2.3.4 Certifications
 - 17.2.4 Sibanye Stillwater Limited
 - 17.2.4.1 Company Overview
 - 17.2.4.2 Product Portfolio
 - 17.2.4.3 Demographic Reach and Achievements
 - 17.2.4.4 Certifications
 - 17.2.5 Northam Platinum Holdings Limited
 - 17.2.5.1 Company Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 17.2.5.2 Product Portfolio
 - 17.2.5.3 Demographic Reach and Achievements
 - 17.2.5.4 Certifications
 - 17.2.6 Thermo Fisher Scientific Inc.
 - 17.2.6.1 Company Overview
 - 17.2.6.2 Product Portfolio
 - 17.2.6.3 Demographic Reach and Achievements
 - 17.2.6.4 Certifications
 - 17.2.7 First Quantum Minerals Ltd.
 - 17.2.7.1 Company Overview
 - 17.2.7.2 Product Portfolio
 - 17.2.7.3 Demographic Reach and Achievements
 - 17.2.7.4 Certifications
 - 17.2.8 Otto Chemie Pvt. Ltd.
 - 17.2.8.1 Company Overview
 - 17.2.8.2 Product Portfolio
 - 17.2.8.3 Demographic Reach and Achievements
 - 17.2.8.4 Certifications
 - 17.2.9 Southern Palladium Limited
 - 17.2.9.1 Company Overview
 - 17.2.9.2 Product Portfolio
 - 17.2.9.3 Demographic Reach and Achievements
 - 17.2.9.4 Certifications
 - 17.2.10 Vineeth Precious Catalysts Pvt. Ltd.
 - 17.2.10.1 Company Overview
 - 17.2.10.2 Product Portfolio
 - 17.2.10.3 Demographic Reach and Achievements
 - 17.2.10.4 Certifications
 - 17.2.11 Others
- 18 Key Trends and Developments in the Market

List of Key Figures and Tables

1. Global Palladium Market: Key Industry Highlights, 2018 and 2032
2. Global Palladium Historical Market: Breakup by Application (USD Billion), 2018-2023
3. Global Palladium Market Forecast: Breakup by Application (USD Billion), 2024-2032
4. Global Palladium Historical Market: Breakup by End Use (USD Billion), 2018-2023
5. Global Palladium Market Forecast: Breakup by End Use (USD Billion), 2024-2032
6. Global Palladium Historical Market: Breakup by Region (USD Billion), 2018-2023
7. Global Palladium Market Forecast: Breakup by Region (USD Billion), 2024-2032
8. North America Palladium Historical Market: Breakup by Country (USD Billion), 2018-2023
9. North America Palladium Market Forecast: Breakup by Country (USD Billion), 2024-2032
10. Europe Palladium Historical Market: Breakup by Country (USD Billion), 2018-2023
11. Europe Palladium Market Forecast: Breakup by Country (USD Billion), 2024-2032
12. Asia Pacific Palladium Historical Market: Breakup by Country (USD Billion), 2018-2023
13. Asia Pacific Palladium Market Forecast: Breakup by Country (USD Billion), 2024-2032
14. Latin America Palladium Historical Market: Breakup by Country (USD Billion), 2018-2023
15. Latin America Palladium Market Forecast: Breakup by Country (USD Billion), 2024-2032

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

16. Middle East and Africa Palladium Historical Market: Breakup by Country (USD Billion), 2018-2023
17. Middle East and Africa Palladium Market Forecast: Breakup by Country (USD Billion), 2024-2032
18. Major Exporting Countries by Value
19. Major Importing Countries by Value
20. Major Exporting Countries by Volume
21. Major Importing Countries by Volume
22. Global Palladium Market Structure

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Global Palladium Market Report and Forecast 2024-2032

Market Report | 2024-06-20 | 220 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$2999.00
	Five User License	\$3999.00
	Corporate License	\$4999.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-08"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com