

Global Cerium Market: Analysis By Type
(Cerium Metal, Cerium Oxide, Cerium
Fluoride, Cerium Nitrate, Cerium
Hydrate and Others), By Application
(Glass Polishing, Catalysis, Alloys &
Metallurgy and Others), By End-User
(Automotive & Transportation, Glass
Manufacturing, Petroleum & Chemical
Processing and Others), By Region Size
and Trends with Forecast up to 2030

July 2025



Global Cerium Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Dynamics

Competitive Landscape

Company Profiling

Global Cerium Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Cerium Market: Analysis By Type (Cerium Metal, Cerium Oxide, Cerium Fluoride, Cerium Nitrate, Cerium Hydrate and Others), By Application (Glass Polishing, Catalysis, Alloys & Metallurgy and Others), By End-User (Automotive & Transportation, Glass Manufacturing, Petroleum & Chemical Processing and Others), By Region Size and Trends with Forecast up to 2030
Coverage	Global and Regional
Regional Coverage	North America, Europe, Asia Pacific and Rest of the World
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2025-2030
Competition in the Market	Moderately Consolidated
Key Players	Mitsui Mining & Smelting Co., Ltd., Solvay SA, 3M Company, Umicore N.V., Johnson Matthey PLC, BASF SE, China Northern Rare Earth High-tech Co., Ltd., American Elements, Lynas Rare Earths, Ltd., The Shepherd Chemical Company, Avalon Advanced Materials Inc., Arafura Rare Earths Ltd., and Rainbow Rare Earths Limited

Global Cerium Market: Coverage

Executive Summary

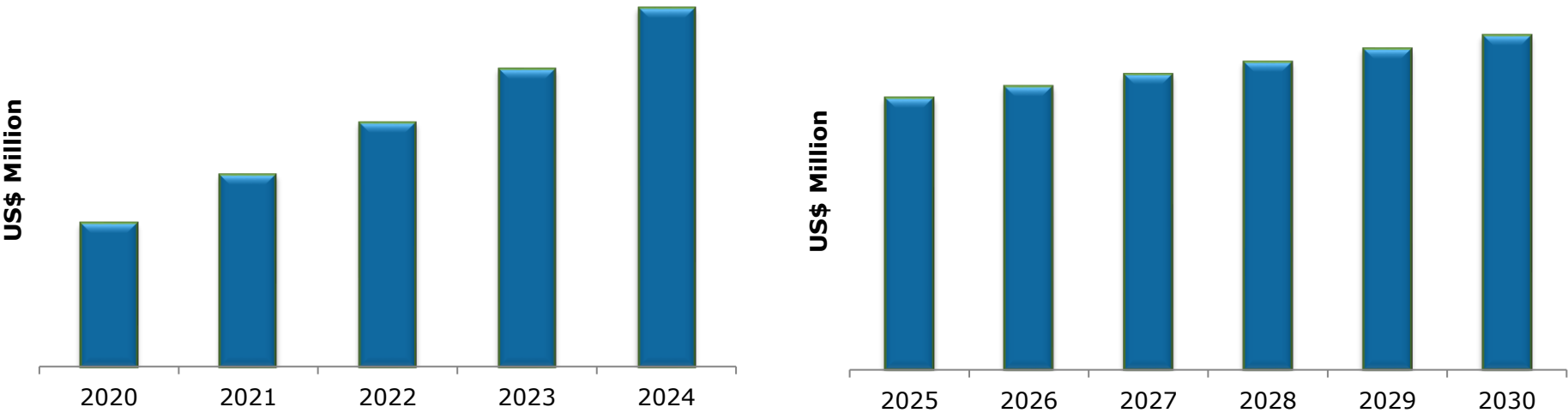
Cerium is a vital rare earth element widely used in industrial applications due to its unique chemical properties, such as high oxygen storage capacity, redox behavior, and thermal stability. It plays a central role in processes aimed at emission control, glass polishing, electronic manufacturing, and environmental protection. The global cerium market in 2024 was valued at US\$692.18 million. The market is expected to reach US\$885.84 million by 2030, growing at a CAGR of 4.22% during the forecast period of 2025-2030. In terms of production, the total global cerium market in 2024 stood at 71.99 kilotons.

The global cerium market can be segmented on the basis of type (Cerium Metal, Cerium Oxide, Cerium Fluoride, Cerium Nitrate, Cerium Hydrate and Others); application (Glass Polishing, Catalysis, Alloys & Metallurgy and Others); and end user (Automotive & Transportation, Glass Manufacturing, Petroleum & Chemical Processing and Others). Among the type, cerium oxide segment held the highest share, due to its broad use in glass polishing and catalytic converters. Its effectiveness in improving surface clarity and reducing emissions drives strong demand across automotive, electronics, and optics industries. Based on the region, Asia Pacific is leading the global cerium market, accounting for the majority of the market share.

The global cerium market observed progressive growth in the past few years and anticipations are made that during the forecasted period (2025-2030), the market would further augment at an escalating growth rate. The global market is predicted to be supported by numerous growth drivers such as rising mining production of rare earth elements, growth in electronics and energy storage applications, expansion of the glass and polishing industry, strategic investments and supply chain development and many other factors. Conversely, the market growth would be negatively impacted by various challenges such as environmental concerns and regulatory pressure on mining, competition from substitute materials and technological alternatives, etc. Moreover, the market growth would succeed in various market trends like increasing demand for automotive catalysts, integration of cerium in clean energy technologies, technological advancements and R&D in cerium compounds, emergence of cerium recycling and circular economy initiatives, etc.

Cerium Market: Global Analysis

Global Cerium Market by Value

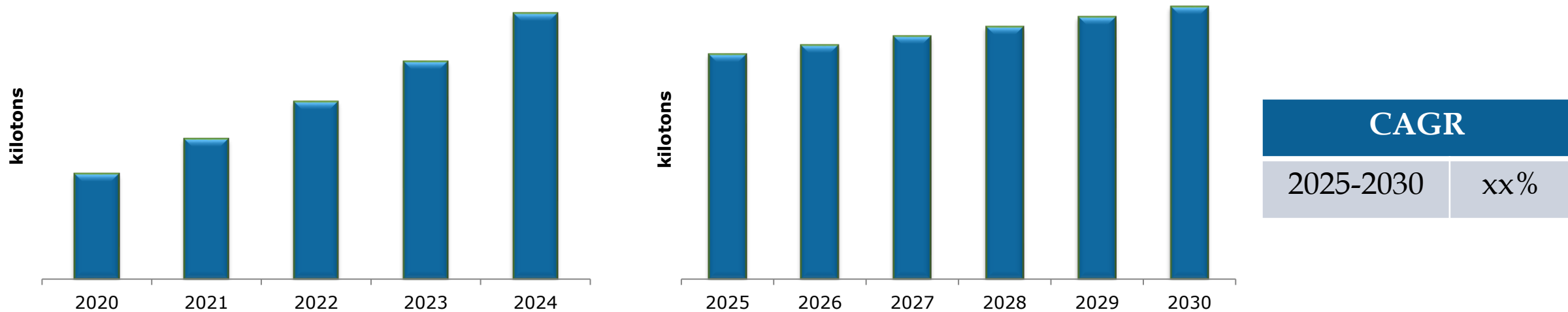


CAGR	
2020-2024	xx%
2025-2030	xx%

Global cerium market was valued at US\$... million in 2024 and is anticipated to reach up to US\$... million by 2030 from US\$... million in 2025, with a CAGR of xx%.

Cerium Market: Global Analysis

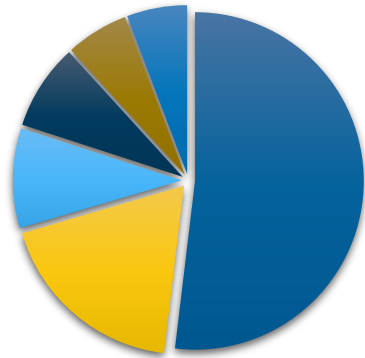
Global Cerium Market by Production



Global cerium market production stood at kilotons in 2024, increased as compared to ... kilotons in 2023. Global Cerium market production is anticipated to reach up to kilotons by 2030, at a CAGR of%, from ... kilotons in 2025.

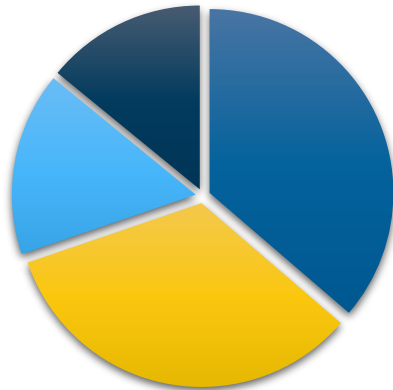
Cerium Market: Global Analysis

Global Cerium Market by Type; 2024



Type	Share
Cerium Oxide	xx%
Cerium Fluoride	xx%
Cerium Metal	xx%
Cerium Nitrate	xx%
Cerium Hydrate	xx%
Others	xx%

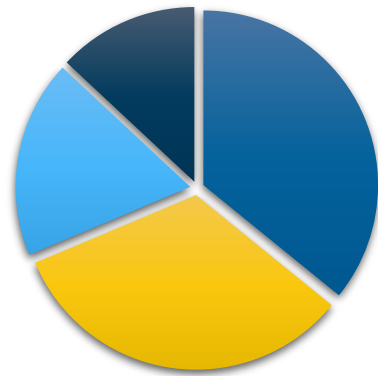
Global Cerium Market by Application; 2024



Application	Share
Glass Polishing	xx%
Catalysis	xx%
Alloys & Metallurgy	xx%
Others	xx%

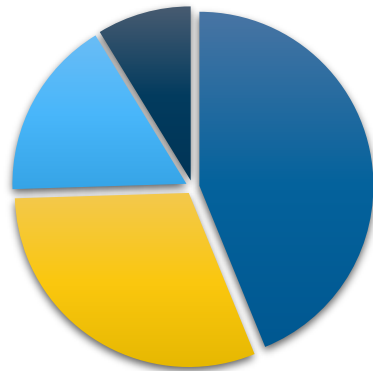
Cerium Market: Global Analysis

Global Cerium Market by End User; 2024



End User	Share
Automotive & Transportation	xx%
Glass Manufacturing	xx%
Petroleum & Chemical Processing	xx%
Others	xx%

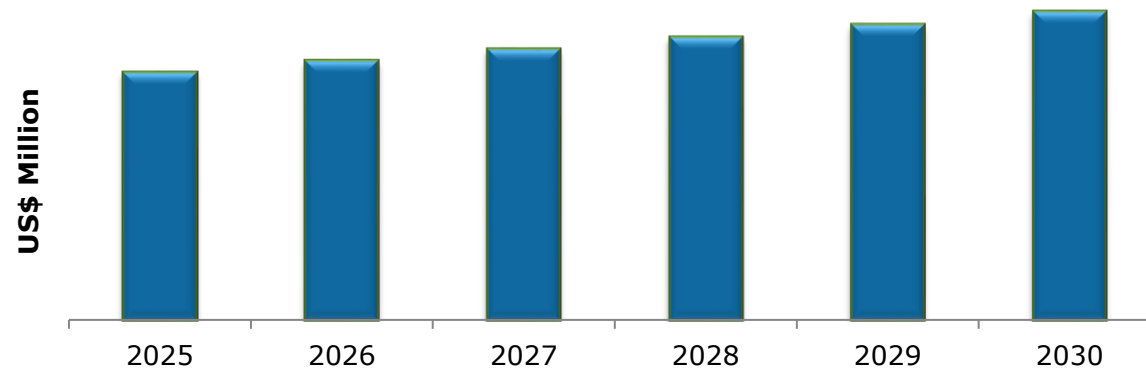
Global Cerium Market by Region; 2024



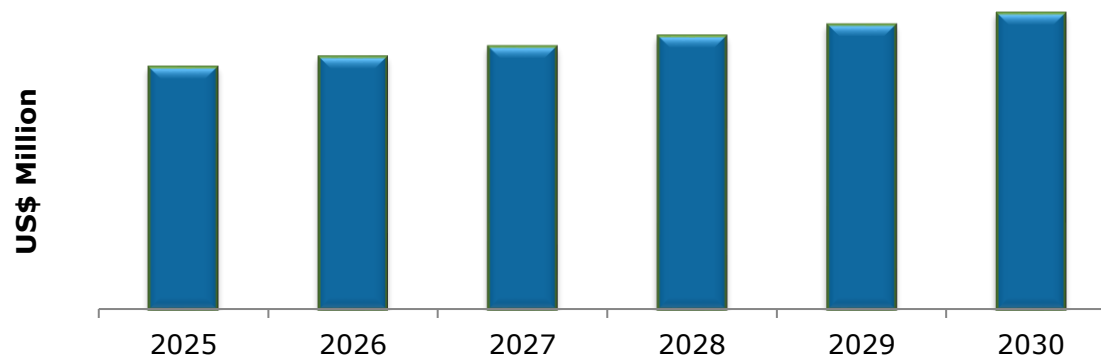
Region	Share
North America	xx%
Europe	xx%
Asia Pacific	xx%
Rest of the World	xx%

Cerium Market: Type Analysis

Global Cerium Oxide Market by Value



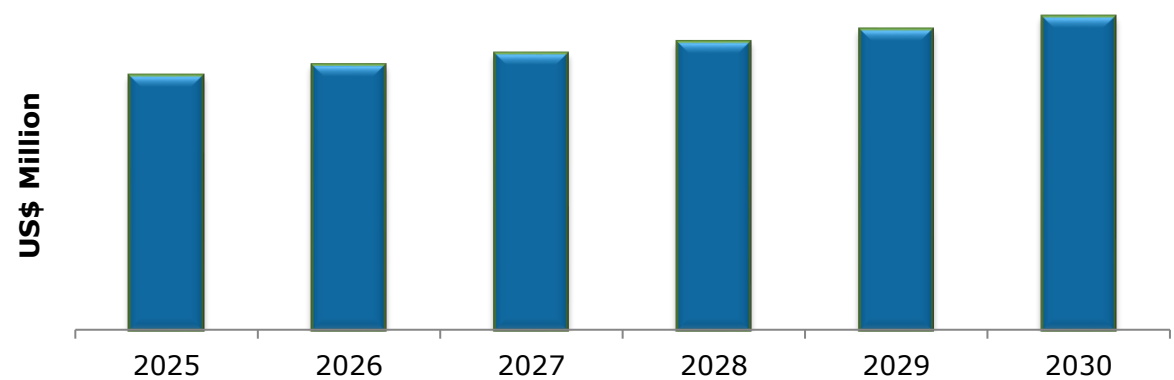
Global Cerium Fluoride Market by Value



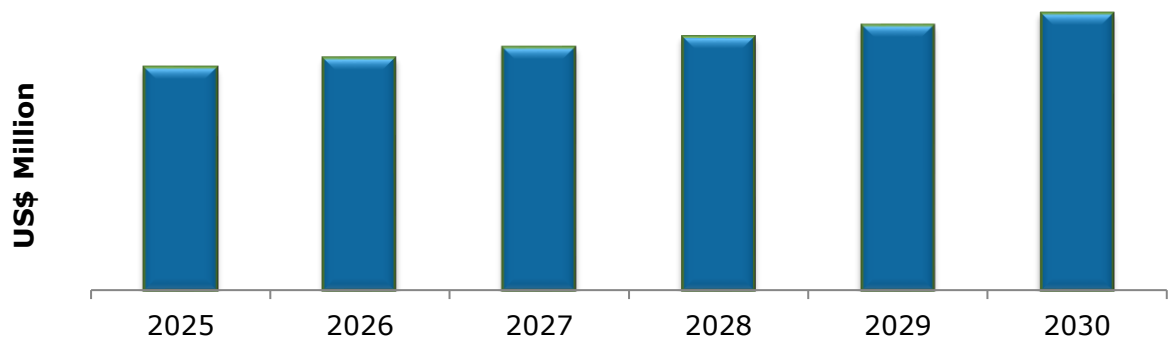
Type	CAGR (2025-2030)
Cerium Oxide	xx%
Cerium Fluoride	xx%
Cerium Metal	xx%
Cerium Nitrate	xx%
Cerium Hydrate	xx%
Others	xx%

Cerium Market: Application Analysis

Global Cerium Glass Polishing Market by Value



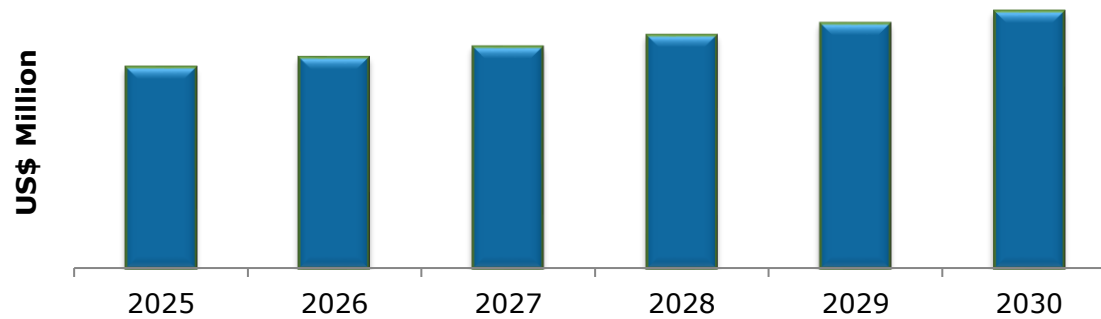
Global Cerium Catalysis Market by Value



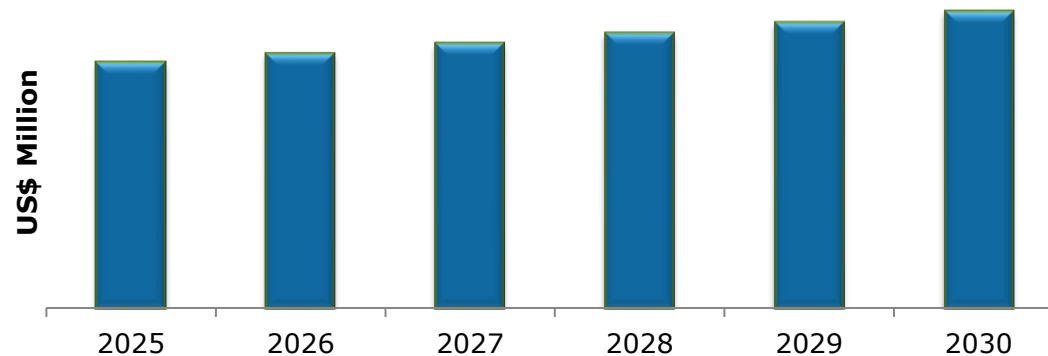
Application	CAGR (2025-2030)
Glass Polishing	xx%
Catalysis	xx%
Alloys & Metallurgy	xx%
Others	xx%

Cerium Market: End User Analysis

Global Cerium Glass Manufacturing Market by Value



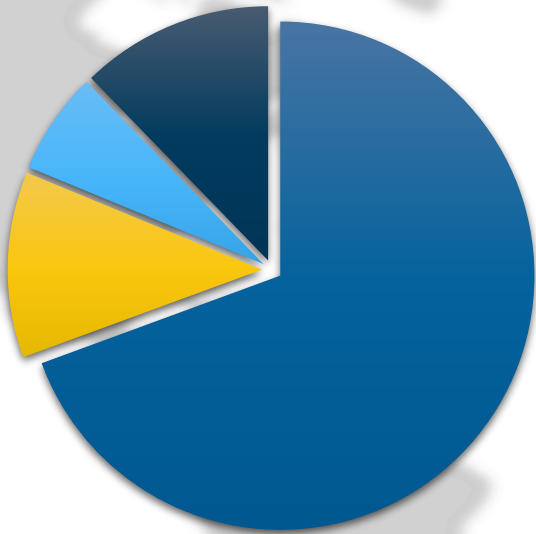
Global Cerium Automotive & Transportation Market by Value



End User	CAGR (2025-2030)
Automotive & Transportation	xx%
Glass Manufacturing	xx%
Petroleum & Chemical Processing	xx%
Others	xx%

Asia Pacific Cerium Market: An Analysis

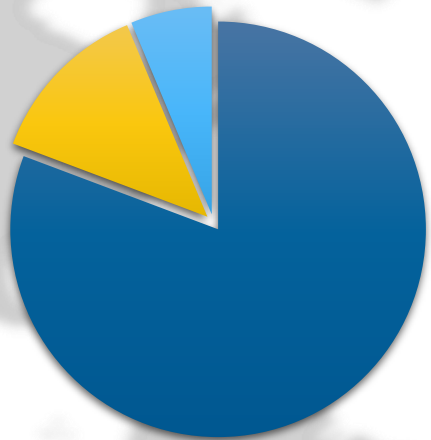
Asia Pacific Cerium Market by Region; 2024



Region	Share (2024)	CAGR (2025-2030)
China	xx%	xx%
Japan	xx%	xx%
India	xx%	xx%
Rest of Asia Pacific	xx%	xx%

North America Cerium Market: An Analysis

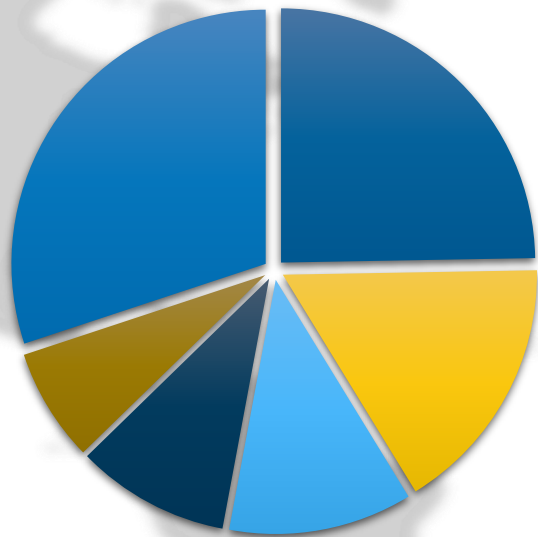
North America Cerium Market by Region; 2024



Region	Share (2024)	CAGR (2025-2030)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

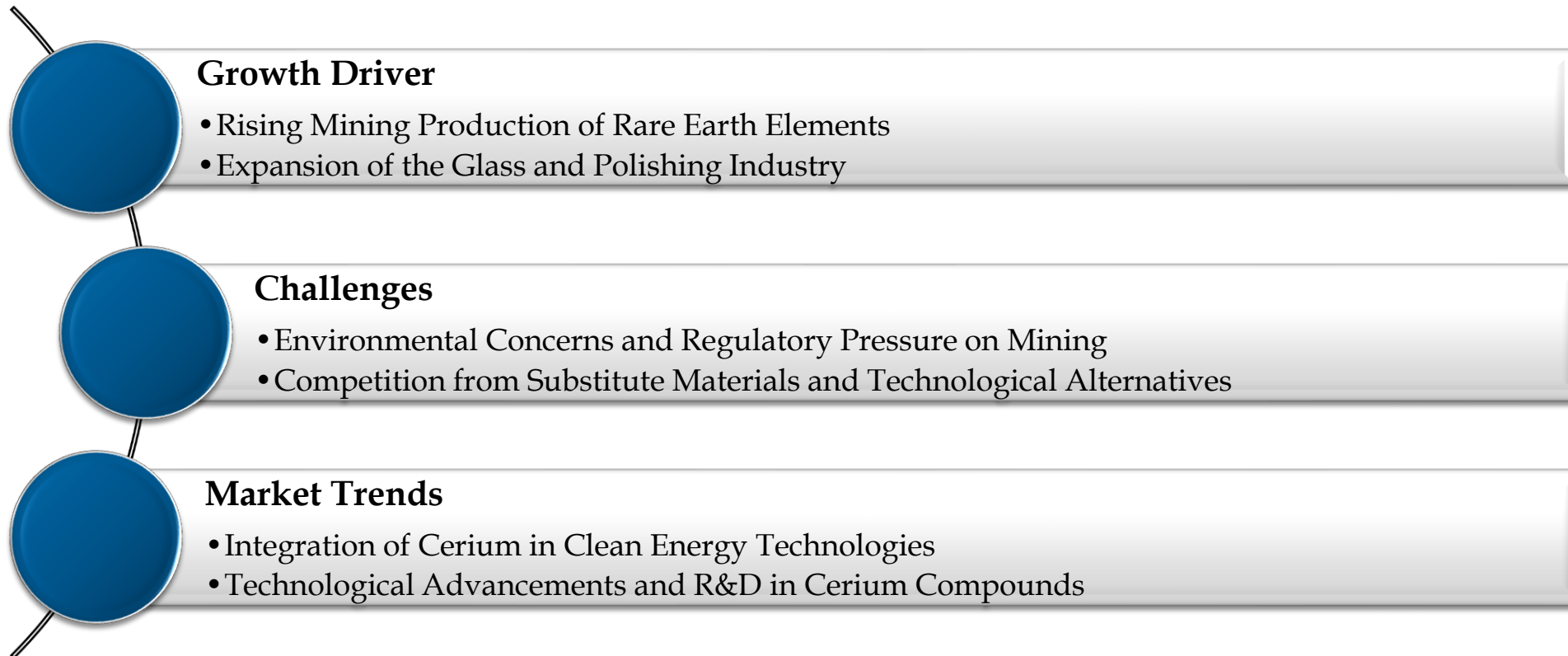
Europe Cerium Market: An Analysis

Europe Cerium Market by Region; 2024



Region	Share (2024)	CAGR (2025-2030)
Germany	xx%	xx%
France	xx%	xx%
UK	xx%	xx%
Italy	xx%	xx%
Spain	xx%	xx%
Rest of Europe	xx%	xx%

Global Cerium Market: Dynamics



Global Cerium Market: Competitive Landscape

Players Profiled

- ❑ Mitsui Mining & Smelting Co., Ltd.
- ❑ Solvay SA
- ❑ 3M Company
- ❑ Umicore N.V.
- ❑ Johnson Matthey PLC
- ❑ BASF SE
- ❑ China Northern Rare Earth High-tech Co., Ltd.
- ❑ American Elements
- ❑ Lynas Rare Earths, Ltd.
- ❑ The Shepherd Chemical Company
- ❑ Avalon Advanced Materials Inc.
- ❑ Arafura Rare Earths Ltd.
- ❑ Rainbow Rare Earths Limited