

The Rare Earths Market 2012-2022

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Abstracts

Rare earths are also known as technology metal, because without the use of rare earths it would not be possible to make the latest digital technology products. Although rare earths are used in small quantities, their role is pivotal. Unlike other elements, the rare earths industry is dominated by China, which accounted for 95.3% of the total global production. However, the global market for rare earths is expected to be \$18.3bn in 2012.

It is expected that the global rare earths market value will decline during the forecast period due to falling prices of rare earths. The recent downward spiral in the rare earths prices will continue during the forecast period.

Having said that, Visiongain understands that in case of any increase in the Chinese rare earths' export quota or delays in production from the planned rare earths projects, this will send the prices of rare earths upward, and so the market value.

The report contains 304 tables, charts and graphs that add visual analysis in order to explain developing trends within the rare earths market. Visiongain provides forecasts for the period 2012-2022 in terms of value (US\$) and tonnages for the global rare earths market, as well as for eight end-use sectors (catalysts, glass, polishing, metal alloys, magnets, phosphors, ceramics, others) of the rare earths market. In addition, 12 leading national markets are forecasted and analysed by Visiongain over the period 2012-2022. The report also provides profiles of 16 leading companies in the rare earths market, and includes five exclusive interviews with principal rare earths companies, providing expert insight alongside Visiongain analysis.

Unique Selling Points

Comprehensive analysis of the prospects for the rare earths market from



2012-2022.

Analysis and forecasting informed by extensive expert consultation with industry leaders.

You will be able to read full transcripts of interviews from five leading companies involved within the aluminium market.

304 tables, charts and graphs that quantify, analyse and forecast the changing dynamics of the rare earths market between 2012-2022.

Forecasts and analysis of the global rare earths market between 2012-2022.

Production forecasts for 18 rare earths projects between 2012-2022

Forecasts and analysis 13 rare earths prices for the period 2012-2022.

Comprehensive analysis of the world (ex-china) rare earths market from 2012-2022.

Comprehensive analysis of the Chinese rare earths market from 2012-2022.

Forecasts and analysis for eight rare earths end-use sectors from 2012-2022.

Forecasts and analysis for 12 leading national rare earths markets for the period 2012-2022.

Analysis of the forces that influence and dynamics of the rare earths market.

SWOT analysis that examine the rare earths market from 2012-2022.

Profiles of 16 leading companies operating within the rare earths market.

Historical data of production, consumption and prices.

Methodology

This report has been compiled by combining information obtained from a wide and rich



mixture of primary and secondary research sources, producing a broad industry overview. The forecast data was produced by Visiongain's proprietary quantitative model encompassing all major rare earths producer and consumer countries. Visiongain sought opinions from leading figures in the rare earths market to underpin the analysis of market drivers and restraints.

The study draws on a diverse range of official corporate and governmental announcements, media reports, policy documents, industry statements and expert opinion as a basis for discussing and predicting developments in the rare earths market between 2012 and 2022.

Visiongain considers that this methodology results in an accurate, objective mixture of analyses and forecasts.

Why you should buy The Rare Earths Market 2012-2022

You will receive a comprehensive analysis of the rare earths market from 2012-2022

The analysis and forecasting has been informed by extensive expert consultation with industry leaders. The forecasts are also based on the Visiongain proprietary quantitative model. Within the report, you will be able to read full transcripts of interviews from five leading companies/organisations involved within the rare earths market.

Lynas Corporation Limited

Arafura Resources Limited

Thinova Co. Ltd

The Chinese Society of Rare Earths - Natural Resources GP

You will find 304 tables, charts, and graphs that quantify, analyse and forecast the rare earths market from 2012-2022.

You will receive forecasts and analysis of the global rare earths market between 2012-2022.



You will receive forecasts and analysis of 12 leading national rare earths markets, by value, production and consumption from 2012-2022
China
Japan
US
Russia
France
Germany
South Korea
Italy
Netherlands
Austria
India
Thailand
You will be presented with further detailed forecasts of the ten leading element and by eight end-use sectors for major national rare earths markets, production and consumption for the period 2012-2022 China
Japan
US

You will also receive forecasts of 12 rare earths prices for the period 2012-2022.

Terbium



Eu	ropium
Yttı	rium
Dy	sprosium
Ga	dolinium
Lut	tetium
Ho	lmium
Lar	nthanum
Ce	rium
Ne	odymium
Pra	aseodymium
Sai	marium
2012-2022 expected in	nd forecasts and analysis of eight end-use sectors over the period including details of the quantities of the leading 10 rare earths n each of the following applications: talysts
Gla	ass
Pol	lishing
Me	etal Alloys
Ма	agnets
Pho	osphors



Ceramics - Others

You will receive a SWOT analysis that examines the rare earths market from 2012-2022

You will gain profiles of 16 leading companies operating within the rare earths market

What is the structure of the report?

Chapter 1 is the executive summary

Chapter 2 of this report introduces the rare earths and discuses the common properties of rare earth elements. It also provides detailed description, application and basic characteristics of the REEs. It includes a brief introduction about mineralogy, ore and processing of rare earths. The chapter also includes a brief overview of end-use sectors, assumption and explanation and list of HS codes.

Chapter 3 examines the global rare earths market by providing in depth analysis and forecasts of the market. The chapter analyse and forecast the market value, production and consumption of the rare earths market. It has also a section on rare earths price forecasts, which present price forecasts for the selected rare earths.

Chapter 4 provides an in-depth and detailed analysis of the rare earths market by leading national markets. The chapter critically analyse the growing national markets, evaluates the market's growth rates and provides national market forecasts, along with the factors likely to contribute in market variations.

Chapter 5 provides in depth analysis of the rare earths' end-use sectors

Chapter 6 discuses the price forecasts of major rare earths oxides.

Chapter 7 provides highlights of 18 Greenfield rare earths projects, which are likely to start production during the forecast period. The chapter also discusses the risks attached to the new projects.



Chapter 8 identifies and examines the key issues facing the global rare earths industry. The chapter includes analysis of the main strengths and weaknesses of the industry, together with the opportunities available and the key threats faced by rare earths industry.

Chapter 9 includes full transcripts of exclusive Visiongain interviews with 5 key opinion-leaders in the global rare earths industry. Interviews include updates and predictions on the market.

Chapter 10 identifies and discusses the leading players in the rare earths industry.

Chapter 11 is a summary of the report, highlighting conclusions from Visiongain's research and analyses

Chapter 12 is a glossary

Methodology

This report has been compiled by combining information obtained from a wide and rich mixture of primary and secondary research sources, producing a broad industry overview. The forecast data was produced by Visiongain's proprietary quantitative model encompassing all major rare earths producer and consumer countries. Visiongain sought opinions from leading figures in the rare earths market to underpin the analysis of market drivers and restraints. The study draws on a diverse range of official corporate and governmental announcements, media reports, policy documents, industry statements and expert opinion as a basis for discussing and predicting developments in the rare earths market over the period 2012-2022.

Visiongain considers that this methodology results in an accurate, objective mixture of analyses and forecasts.

You can order this report today

Anybody with an interest in the rare earths market should gain valuable information and insight from this new study by Visiongain. Rare earths play a crucial role in digital technological products and clean energy products and are becoming an increasingly



important metal in several other key sectors.

This visiongain rare earths report will be valuable both to those already involved in the rare earths market and those wishing to enter the market in the future. Gain an understanding of how to tap into the potential of this market by ordering The Rare Earths Market 2012-2022.



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COMPANIES LISTED

AIDC

Aju Global

Alkane Resources Limited

AMR Technologies Inc

ANZ

Arafura Group Holdings Pty Ltd

Arafura Iron Pty Ltd

Arafura Rare Earths Pty Ltd

Arafura Resources Limited

Arafura Uranium Pty Ltd

Arnold Magnetic Technologies

Avalon Rare Metal Incorporation

Baotou Damao Rare Earth Co., Ltd.

Baotou Hongtianyu Rare Earth Magnets Co.,Ltd

Baotou Huacheng Rare-earth

Baotou Huamei Rare Earth Hi-tech Co., Ltd

Baotou Iron and Steel (Group) Co, Ltd

Baotou Iron and Steel and Rare Earths Corp

Baotou Jingrui New Materials Co.,Ltd

Baotou Rewin Rare Earth Metal Materials Co.,Ltd

Baotou Rhodia Rare Earth New Materials Co.,Ltd

Baotou Santoku Battery Materials Co.,Ltd

Baotou Tianjiao Seimi Polishing Powder Co.,Ltd

Baotou Xijun Rare Earth Co., Ltd.

Baotou Xinlong New Material Co., Ltd

Baotou Xinyuan Rare Earth Hi-Tech and New Material Co., Ltd.

BHPB

Canada Resources Co., Ltd

Changshu Shengchang Rare Earth Material Co.,Ltd

Changzhou Geoquin Nano New Material Co.Ltd



Chase Manhattan Bank

Chevron Corporation

Conquest Mining Limited

Crucible Materials Corporation

Daewoo Shipbuilding & Marine Engineering (DSME)

Dandong JinLong Rare Earth Co., Ltd.

Deqing Xingbang New Materials Co., Ltd.

Deutsche Rohstoff

Dingnan Nanfang Rare Earth Co., Ltd.

Eldorado Gold

Energy Conversion Systems

Evolution Mining

Forge Resources Limited

Frontier Rare Earths

Funing Rare Earth Industry Co., Ltd

Gan County Jinying Rare Earth Industry Co., Ltd

Gansu Rare Earth New Material Limited-Liability Company

Ganzhou Bulaite New Material Co., Ltd

Ganzhou Chenguang Rare Earths New Material Co.,Ltd

Great Western Minerals Group Ltd

Greenland Minerals and Energy Ltd

GS Group

Guangxi Hezhou Jinguang Rare Earth New Material Co., Ltd

Guangxi Non-ferrous Metal Group Jinyuan Rare Earth Co., Ltd

Hellex S.A

Hitachi Industrial Equipment Systems Co., Ltd.,

Hitachi Ltd

Hohhot Rongxin New Metal Smelting Co., Ltd

Indian Rare Earths Limited (IREL),

Inner Mongolia Baotou Steel Rare-Earth (Group) Hi-Tech Co., Ltd

Inner Mongolia Hetai Rare-earth Co, Ltd

Itamos Hydroelectric S. A

Japan Metals and Chemicals Ltd

Japan Oil, Gas and Metals National Corp (JOGMEC)

Jiangsu Guosheng Rare Earth Co.,Ltd

Jiangxi Golden Century Advanced Materials Co.,Ltd

Kazakhstan National Mining Co. (Kazatomprom)

Kerala Minerals and Metals Limited

Korea Resources Corporation (KORES)



KPMG Corporate Finance

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Lianyungang Ligang Rare Earth Industrial Co.,Ltd

Liyang Rhodia Rare Earth New Materials Co.,Ltd

Longnan Heli Rare Earth Smelter Co.,Ltd

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Lynas Corporation Limited

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Matamec Explorations Inc

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Quannan Baotou Steel Jinghuan Rare Earth New Material Co., Ltd.

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Rare Earth One LLC

Rare Elements Resources Ltd

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Rhodia Thai industries Ltd

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Sichuan Mianning Fangxing Rare Earth Co., Ltd

Sojitz Corporation

Solikamsk Magnesium Works

St Vincent's & Mater Health Sydney Limited

St Vincent's Health Australia Ltd

Stackpole Magnet Division.

Stance Energy Corp

Sumitomo Corp.

Tantalus Rare Earths

Tasman Metals Ltd

TDK

Thinova Co. Ltd

Thrace Gold Mines S.A.

ThyssenKrupp

Toyota Corporation

Toyota Tsusho Corp

TUC Resources

Ucore Rare Metals Inc

Ucore Resources LP Inc

Union Oil

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Wanbao Rare Earth Separation Co.,Ltd

Xinfeng Baotou Steel Xinli Rare Earth Co., Ltd

Xinghua Rare Earth Co., Ltd

Xunwu Nanfang Rare Earth Co.,Ltd

Xuzhou Jinshi Pengyuan Rare Earth Material Factory

Yantai Pengyu Technology and Trade Co., Ltd.

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Garvan Institute of Medical Research

Hellenic Competition Commission

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National Development and Reform Commission

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