

# Rhenium: Market Outlook to 2015

## ARE YOU FACING BIG DECISIONS INVOLVING RHENIUM?

The market for rhenium is global, and local events can make waves across the world. If you're involved with rhenium in any way, you know that everything's important – both the small details and the big picture. A complete perspective is essential, whether you're preparing a company strategy, planning exploration, bringing new products to market, buying, selling or investing.

## MAKE THE RIGHT CHOICE

Whatever your challenge, this report gives you deep insights to help you make really well-informed recommendations or decisions. It's a detailed account of:

- World production and consumption
- The operations of the major producers
- End-use market applications
- Price trends
- International trade patterns
- Forecasts for supply, demand and price

## IS THIS REPORT FOR YOU?

Our clients include anyone with an interest in the evolving rhenium market, anywhere in the world. Readers of past reports have come from a wide range of relevant industries – from extraction to end-use, from mines to factories to banks, from existing players to new entrants. And they range from analysts and researchers to operational managers and chief executives.

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## WHAT READERS SAY

*“When we review project or company opportunities, the most important area of review is the marketplace. We have always deferred to Roskill reports and their services for the prime benchmark reference point.”*

Michael Kiernan,  
Consolidated Minerals Limited,  
Australia

*“Roskill has been a key reference to our industry for a long time...the best reference about the market and industries.”*

Bayram AnKarali  
Etimine SA, Turkey

*“One of the few sources available for critical, detailed and reliable information on the industrial minerals markets.”*

Emilio Lobato,  
Technical Marketing Manager,  
Magnesita Refratarios SA, Brazil

## GET ACCURATE ANSWERS FROM INDEPENDENT EXPERTS

- How quickly will the rhenium market recover from the steep downturn in 2009?
- What are the main drivers for future demand for rhenium in superalloys?
- How will demand for rhenium evolve in the years to 2015?
- How much new mine/refinery capacity will be required to meet future demand and where will it be located?
- What are the trends in secondary production of rhenium?
- What will be the future trends in prices for rhenium to 2015?

## WHY READERS CHOOSE ROSKILL

**We're approachable.** Our sources include a large network of industry contacts: the key players talk to us because we're approachable and because they know us well.

**We're independent.** The information and insights in Rhenium: Market outlook to 2015 are completely independent. We're privately-owned and not beholden to anyone. Our expert researchers make a thorough and objective analysis of all available data, from sources across the globe.

**We're expert.** You want facts from people who know what they're talking about. Roskill's experts have been analysing the rhenium industry for over 30 years and this is our 9th report on this sector.

### **Approachable. Independent. Expert.**

That's why no other report can match the accuracy, depth and expertise of Rhenium: Market outlook to 2015.

## WHAT ELSE CAN WE DO FOR YOU?

We also offer expert bespoke consultancy to help you tackle specific complex challenges, such as feasibility studies, market assessments or due diligence reports.

If you'd like to discuss a project, please email [judith@roskill.co.uk](mailto:judith@roskill.co.uk) or call +44 20 8944 0066.

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# Rhenium: Market outlook to 2015

## What's included?

Contents: 130 pages, 73 tables, 25 figures plus appendix

## Overview

The rhenium market went through a significant downward correction in 2009 after a period of strong demand growth and an escalation in prices up to the last quarter of 2008. The credit crisis and associated recession, particularly in North America and Europe, severely affected the major markets for rhenium and demand dropped by 16% in 2009. Primary production of rhenium responded by falling by almost

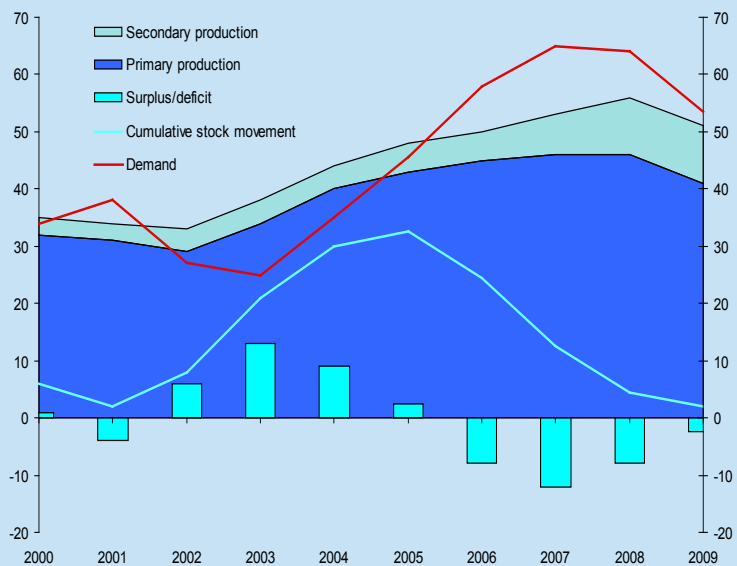
10%, but this was not enough to stop prices plummeting from a peak of US\$12,000/kg on a spot basis towards the end of 2008 to around US\$4-4,500/kg in mid 2009 before bottoming out. In June 2010, rhenium metal prices were US\$4,500-5,000/kg.

Those economies that were worst affected following the credit crisis are now beginning to recover and the rhenium market is expected

to follow suit. Growth in demand for rhenium is forecast to average around 5%py between 2009 and 2015, driven by a superalloy sector that accounts for almost 80% of rhenium consumption. Expansions in primary production capacity, greater recycling of rhenium-bearing superalloy scrap and increased use of superalloy 'revert' will all contribute to future supply.

This report gives you a full analysis of the key trends, issues and developments in the market, a clear insight into all areas of the industry and an authoritative analysis of its prospects.

World supply and demand for rhenium, 2000 to 2009 (000kg Re)



1. SUMMARY

2. OCCURRENCE OF RHENIUM

3. RESERVES AND RESOURCES OF RHENIUM

4. RHENIUM RECOVERY PROCESSES

5. WORLD PRODUCTION OF RHENIUM

6. CURRENT AND POTENTIAL RHENIUM-PRODUCING COUNTRIES AND COMPANIES

- Detailed analysis of 28 countries and over 40 companies

7. CONSUMPTION OF RHENIUM

8. END-USES OF RHENIUM

9. INTERNATIONAL TRADE IN RHENIUM

10. RHENIUM SUPPLY/DEMAND BALANCE

11. RHENIUM PRICES

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## Question?

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