



# China's Aluminium Industry

## What's different in the 2004 edition?

2 volumes with 70 new graphs and illustrations covering:

- A comprehensive analysis of the power shortages that now plague China and an explanation of why they will persist until at least 2007
- A comparison of China's industrial transformation to the industrial revolution that transformed Britain in the 18<sup>th</sup> century
- An analysis of China's investment in fixed assets and why it is not excessive
- How the price of aluminium on the SHFE is linked to the LME and the Chinese metal trade
- An analysis of Chalco's strategic shift in favour of alumina refining
- Why Chinese smelters lose \$31 per tonne when they use spot alumina
- How distortions in China's economy actually facilitate construction of integrated power generation and smelter facilities
- A detailed description of China's extrusion sector

**2004 Edition**

The 2004 edition of **China's Aluminium Industry** is now available. Thoroughly re-written, the new edition has expanded to 2 volumes with over 400 pages of detailed research and analysis.

An essential resource for strategic decisions in the aluminium industry.

These organizations purchased previous editions of **China's Aluminium Industry**:

- Most of the world's major aluminium producers
- International metal traders
- Merchant banks
- Engineering contractors
- Management consultants
- Government agencies
- Equipment suppliers
- International non-government organizations

China's aluminium industry is huge! In each of the past three years China has added more aluminium smelting capacity than Dubai has constructed during its whole life. Another comparison shows that over the past decade China has added more than Canada's aluminium smelting capacity of 2.9 million tonnes. With power shortages through most of China and escalating imports of high cost alumina, how long can China sustain this explosive growth? The 2004 edition of **China's Aluminium Industry** will answer these questions and many more.

**China's Aluminium Industry** is the newest multi-client report from **Urandaline Investments**, the leading authority on China's aluminium industry. It addresses Beijing's plans to slow expansion of aluminium capacity and reports on the fundamentals that will drive supply and demand in the future.

**China's Aluminium Industry** has been written in collaboration with Chinese experts and incorporates the latest data from China. It is the only single reference in English that covers all aspects of the industry and provides up-to-date data of high quality together with an incisive commentary and analysis.

**China's Aluminium Industry** provides a comprehensive database on the production, sale and distribution of alumina, primary aluminium and aluminium semi-fabricated products in China. These data are used to identify the forces likely to shape this industry over the next five years.

**China's Aluminium Industry** contains more than 400 pages of detailed and concisely written reporting and over 175 graphs, tables and illustrations. It is an essential source of information for anyone who needs to understand the world's largest aluminium industry.

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Subscribers to **China's Aluminium Industry** will be entitled to a free half-day presentation and up-date during 2004. These presentations will be conducted by individual appointment in Melbourne, Beijing, London and New York.

## VIII Semi-Fabricated Products and Other End Uses

- Overview
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In recent years world alumina prices have been affected by China's surging aluminium production. With annual imports exceeding 5 million tonnes, China is the biggest consumer of alumina produced in the West and its purchasing decisions are a major influence on international prices. The 2004 edition of **China's Aluminium Industry** provides an in-depth analysis of China's alumina purchasing practices and describes how some smelters have formed alliances to acquire foreign bauxite and alumina resources.

The manner in which China's aluminium industry has embraced new technology is nothing short of astounding. Not that long ago production came from obsolete and highly polluting Söderberg technology but in a matter of a few years they have been overtaken by high capacity PB cells that operate close to international best practice. The latest edition **China's Aluminium Industry** provides comprehensive details of the performance of Chinese smelting technology from the smallest PB cells to the latest 320 KA units.

**Urandaline's** forecasts show China's demand for aluminium exceeding 11 million tonnes in 2008 and in **China's Aluminium Industry** we explain whence China will source this metal and how it will be consumed.

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\*Urandaline clients and subscribers who have purchased earlier editions of **China's Aluminium Industry** are eligible for a 35% discount on the standard US\$9,500.00 price for the new edition - they need only pay US\$6,000.00 with 10% GST for Australian companies.

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# Urandaline

## WHO WE ARE – WHAT WE DO

**Urandaline Investments** is an Australian based consultancy specializing in capital-intensive commodity businesses. A large part of our activity relates to China where, with the assistance of a network of local experts, we follow industries such as electricity, petro-chemicals, mining and metallurgy.

Most of our work is by commission for specific clients but we also produce multi-client studies where there is sufficient demand.

**China's Industries** is an occasional newsletter we publish for clients and friends. The newsletter, with a circulation of over 500 people in more than 20 countries, gives us an opportunity to publicize areas of special interest which could appeal to existing and potential clients.

Urandaline's Principal, **Michael Komesaroff**, has over 25 years experience within Asia's mineral industries. During this time he has lived and worked in Japan, the Russian Far East and China. Mr Komesaroff is a frequent presenter to conferences dealing with China's capital intensive industries. He also contributes to authoritative industry publications including Metal-Pages, Metal Bulletin Monthly and Industrial Minerals.

Some of Mr Komesaroff's presentations and articles are available for public viewing and free download at Urandaline's web-site: [www.urandaline.com.au](http://www.urandaline.com.au).

**China's Aluminium Industry** is over 400 pages of detailed and concisely written reporting which makes use of more than 175 graphs, tables, maps and illustrations. It is an essential source of information for anyone involved in the aluminium industry.

Consult [www.urandaline.com.au](http://www.urandaline.com.au) for sample extracts of the latest edition of **China's Aluminium Industry** and other products offered by Urandaline Investments Pty. Ltd.