

UC RUSAL

NEW LEADER ON THE GLOBAL ALUMINIUM MARKET: OPPORTUNITIES AND CHALLENGES

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UC RUSAL TODAY



The world's largest aluminium and alumina producer

- About 4 million tonnes of aluminium per year
- About 11 million tonnes of alumina per year
- Operations in 19 countries across 5 continents
- Own R&D and engineering capabilities, including RA-300 and RA-400 technologies
- Consumers in 70 countries worldwide
- Approximately 100,000 employees

Leader in aluminium production



Leader in alumina production





TRULY GLOBAL PRESENCE

UC RUSAL operates in 19 countries across 5 continents



GLOBAL INDUSTRY GROWTH



Strong fundamental demand...

- Accelerating global growth driven by developing countries
 - China is the primary contributor, with the other BRIC countries (Brazil, Russia and India) also growing strongly
- Increasing use of aluminium as a substitute for other metals

... and limited new supply

- Rising capital and operating costs are resulting in significant smelter capacity closures, particularly in North America, Western Europe and China as well as new project delays and budget increases (e.g. Qatar)
- The industry is also rapidly consolidating
 - Improving capex discipline
 - Increasing economies of scale
 - Increasing operating flexibility



Attractive industry fundamentals

Strongest price environment since the 1980s, with the market continuing to upgrade price expectations

INCREASED COMPETITIVENESS OF ALUMINIUNM

- Competitive price compared to copper, zinc and steel
- Aluminium has become an increasingly attractive substitute of zinc and steel, enhanced by its versatility for end uses (construction, transportation, power, consumer)
- Steel prices have also out-performed aluminium, stimulating demand for aluminium as a lower-priced substitute
- Switching costs make it difficult to go back to other materials once the switch to aluminium is made
- Toughening of international environmental legislation offer more opportunities for the use of aluminium as a light metal



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MACRO TRENDS SUPPORTING DEMAND FOR ALUMINIUM

- Global aluminium consumption is forecast to grow at 3.6% CAGR
- Demand in developing markets is expected to be markedly higher, as indicated by the correlation between consumption and GDP per capita
- BRIC aluminium demand is forecast to grow at 5.5% CAGR through 2030
- Shorter-term growth rates (through 2010) for the BRIC markets are much higher (China:16.8%, India 9.0%, CIS 7.2%)
- Overall aluminium demand is forecast to increase by 11 MMt by 2010 with China, CIS and India accounting for 75% of the increase
- In the long-term (through 2030), overall aluminium demand is forecast to more than double with an increase of 45 MMt



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UC RUSAL SALES OBJECTIVES



- Optimize core activities / increase profitability
- Concentrate on the upstream market, consolidating the company's position as an integrated (bauxite/alumina/aluminium) player
- Increase value-added share in the product mix
- Grow into high quality supplier and service provider
- Strengthen the company's position of the world's leader in aluminium industry





PLATFORM FOR FURTHER GROWTH



- Vertical integration along the bauxite / alumina / aluminium value chain
- Financial scale and flexibility
- Ability to do business in challenging geographies
- Competitive cost position, driven by own resource base and access to the low cost energy
- Well-positioned to supply growing markets
- Proprietary technology (RA-300 and RA-400)
- Strong pipeline of expansion projects

NEW CELL TECHNOLOGY

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UC RUSAL has developed technology that ranks among the best in the world

- RA-300 reduction cell a global top-three reduction technology with daily capacity of 2 tonnes of aluminium;
- RA-400 reduction cell the most powerful in Russia, launched at Sayanogorsk Smelter in Dec 2005 and designed to produce 3 tonnes of Al per day;
- RA-500 currently in testing mode at Krasnoyarsk Smelter;
- Colloidal anode UC RUSAL's proprietary break-through technology allowing to transform the Soderberg cell and make it environmentallyfriendly







KOMI ALUMINIUM BAUXITE AND ALUMINA COMPLEX

- Phase I: Expansion of bauxite production at existing Timan Bauxite mine up to 7.5 mln tonnes per annum by 2009;
- Phase II: Construction of refining capacity of 1.4 mln tonnes per annum, when fully operational in 2010;
- Site connected to the federal rail network by a private 157 km railroad;
- Total cost USD 1.8 bln;
- Current status: site works started;
- First alumina to be produced by end of 2009;
- Full capacity to be reached in 2010.







KHAKAS ALUMINIUM SMELTER

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- The first smelter to have been built in Russia in 20 years: launched in Dec 2006;
- Sayanogorsk smelter site, 100% UC RUSAL;
- Sayano-Shushenskaya Hydropower: 6,700 megawatts with spare capacity;
- Full smelting capacity of 300,000 tpa by end of 2007;
- UC RUSAL RA-300 reduction technology.



BOGUCHANSKOYE ENERGY AND METALS COMPLEX

- Krasnoyarsk Region
- 50/50 JV with RAO UES sub's HydroOGK
- Budget of USD 3.6 bln
- Hydropower: 3,000 MW
- 1st phase to be complete in 2009
- 2nd phase to be complete in 2012
- Smelting capacity: 600,000 tonnes per year 300,000 tonnes in 1st phase
- UC RUSAL RA-300 technology





EXPLORING NEW OPPORTUNITIES



Global expansion to achieve bauxite, alumina, energy and smelting synergies



THE FUTURE

OUR VISION



Building upon the position of a global leader in one commodity to become a leader in metals and mining industry worldwide

GROWTH PLATFORM

NEXT STEPS

- Core competencies in aluminium and energy
- Size, scale, leading technology, financial strengths and substantial synergies in the core business
- Emerging markets know-how

- New projects in bauxite / alumina / power / aluminium: Australia, Brazil, India, Vietnam, Venezuela, Indonesia.
- Vertical integration into power and fuels (coal / gas)
- Consider diversification opportunities

UC RUSAL: THE GROWTH PLATFORM FOR NEW MINING CHAMPION



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