

# Krasnoyarsk congress a success



The III International Congress and Exhibition: Non-Ferrous Metals 2011 was held in Krasnoyarsk, Russia between September 7 – 9.

It combined three international forums after 18 years of their existence in the region: Aluminium of Siberia Conference and Exhibition, Gold of Siberia Conference and Metallurgy of Non-Ferrous and Rare Metals Conference. The Congress was supported by the Krasnoyarsk Region state government as well as by the Russian Foundation of Fundamental Research.

More than 150 companies from 22 countries, including Germany, India, Italy, Norway, UAE, USA, France and Switzerland participated in the Congress and Exhibition. These included the largest domestic and international mining and metallurgy companies, as well as leading Russian universities, research and academic institutes. The forum was attended by more than 600 people.

Russia is a place where new ore deposits are explored. The mining and metallurgy industry is being developed and retrofitted here, investments are attracted to its development. The Congress and Exhibition was a platform for the exchange of experience on implementation of innovations, searching for approaches to modernization and a meeting of scientific and industrial concerns.

The Congress programme included:

- Mineral and raw materials sources of non-ferrous metals
- Alumina production and aluminium reduction technology
- Non-ferrous and rare metals production
- Precious metals production
- Casting, metal forming and thermal treatment of metals
- Energy efficiency in metallurgy and mining

Round-table discussions included:

- Development of mining and smelting complex in Krasnoyarsk Region
- Engineering education in Russia
- The future of Nizhnee Priangarie
- Inert anodes

## Exhibition

A total of 43 companies presented industrial equipment, new materials and technologies for exploration, production and processing of non-ferrous metals at the exhibition. Participants said that 17 contract offers were signed.

Participants of the Congress traditionally had the opportunity to visit major metallurgical enterprises: Krasnoyarsk Non-ferrous Metals Plant, Krasnoyarsk Aluminium Plant and the Foundry-forging factory Segal.

The Congress and Exhibition covers not only the world's scientific and industrial achievements in the field of mining, processing and metallurgy of non-ferrous metals, but also innovations in the field of ecology and conservation.

Thus, the UC Rusal project on the Inert Anodes Cell is taking place in the Krasnoyarsk Region. There was a round-table discussion with the participation of scientists from Norway and Romania on the technology of environmentally friendly aluminium production.

The Congress is developing in line with world trends. More attention is being paid to energy and resource saving. A separate session titled Energy efficiency in metallurgy and mining was organised.

Round-table discussions were the major events at the Congress. Titles included 'Development of mining and smelting complex in Krasnoyarsk Region' headed by V P Tomenko, the Deputy Governor of the Krasnoyarsk Region and Deputy Chairman of the Krasnoyarsk Region Government. 'The future of

Nizhnee Priangarie' was headed by the Minister of Industry and Energy of the Krasnoyarsk Region, D G Pashkov.

The discussion touched some important topics: the prospects for the development of mining and smelting complex and raw materials base of Nizhnee Priangarie (gold-bearing ores, deposits of rare-earth and heavy non-ferrous metals), energy efficiency, industrial and environmental safety, public-private partnerships and the role of the regional government in this interaction.

The forum is an important link in the discussion of programmes of young professionals in training. The discussion 'Engineering Education in Russia' with the participation of the Deputy Minister of Education and Science of the Krasnoyarsk Region, O N Nikitina, chaired by V A Makarov, Director of the Institute of Mining, Geology and Geotechnology of Siberian Federal University was held.

Problems of engineering education in Russia, their solutions, new educational standards and educational programmes were discussed, as well as the mechanisms of interaction between universities and companies to provide high quality training.

The results of the congress and exhibition will become the foundation for building political and economic plans of investment attractiveness of mining and smelting complex at the upcoming Krasnoyarsk Economic Forum.

The Organising Committee would like to thank the sponsors and partners of the forum for their assistance: UC Rusal, ToxSoft Company, JSC Krastsvetmet, JSC Sibsvetmetniiproekt, Alstom Grid, Pyrotek. The IV International Congress and Exhibition: Non-Ferrous Metals 2012, will be held in Krasnoyarsk International Business Center, Siberia between September 12-14, 2012.