

AMM



ASTANA MINING AND METALLURGY
C O N G R E S S

II INTERNATIONAL MINING AND METALLURGICAL CONGRESS
July 4-6, 2011 / Palace of Independence / Astana / Kazakhstan

To Leadership through Innovations!



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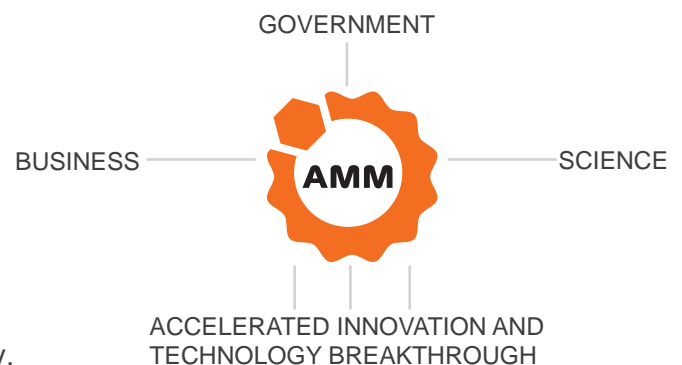
THE ASTANA MINING & METALLURGY CONGRESS is a prestigious large-scale event of the mining and metallurgical industry aimed at demonstration of production achievements and latest technology-intensive developments and also targeted at consolidation of professionals from many countries of the world for mutually advantageous cooperation and efficient partnership.

The Congress is dedicated to:

- 20th anniversary of Independence of Kazakhstan
- Astana Day
- Metallurgist Day

Mission of the Congress:

Making contribution to development of multilateral cooperation between government, business and science for accelerated innovation and technology breakthrough of the mining and metallurgical industry.



Key events of the Congress:

- Forum
- Exhibition
- “Golden Hephaestus Award”
- *Astana Day* Cultural Program

Further events:

- “Consolidation. Partnership. Development” roundtable for Associations
- “Innovations for mining and metallurgy” roundtable
- “Personnel for mining and metallurgy” roundtable
- CEOs roundtable by PricewaterhouseCoopers
- Master class by PricewaterhouseCoopers



Significance of the congress

Future of the mining and metallurgical industry of Kazakhstan depends on all participants' capability to transformation, willingness for innovations and flexibility in decision-making

N.A.Nazarbayev

Basic tasks of the Congress:

- Presentation of implementation stages of the National Program of Boosted Industrial and Innovative Development and the National industry Program for Development of Mining and Metallurgical Complex;
- Enhanced business relations, exchange of experience, transfer of technologies among Kazakhstan and foreign enterprises;
- Evolution of fundamental scientific and technology-based cooperation;
- Overview of international experience in the field of innovation technologies application in the mining and metallurgical industry;
- Attraction of investments into the mining and metallurgical sector of the Republic of Kazakhstan;
- Furtherance of Kazakhstan goods and services producers;
- Positioning of Kazakhstan as a leading industrial region of the CIS and Central Asia.
- Progress of Astana as an important political, economic and cultural center.

Expectations:

- Entering into the Memorandum of understanding and cooperation entered into by the Government of the Republic of Kazakhstan, scientific organizations and business community
- Publication of a digest named Investment Projects of the mining and metallurgy of Kazakhstan
- Acquisition of scientific practically applicable research results
- Entering into the Memorandum on essential manpower training by universities and industrial companies
- Signing of a number of mutually beneficial contracts by the Congress participants
- Competitive growth of Kazakhstan companies



Results of the 1st «ASTANA MINING & METALLURGY» congress

The 1st AMM Congress featured high organizational and informative level and was attended by the President of the Republic of Kazakhstan Mr. N.A. Nazarbayev. International experts, representatives of the largest transnational metallurgical companies, analysts and investors got together in Astana to ventilate questions of the metallurgical industry development.

The AMM-2010 Congress hosted 651 persons from 17 countries of the world such as Kazakhstan, Russia, Belarus, Lithuania, Great Britain, Germany, the USA, Canada, Czech Republic, China, Republic of Korea, Republic of South Africa, Turkey, United Arab Emirates, Belgium, Switzerland and France.

Speakers of the AMM-2010 Congress:



Nursultan NAZARBAYEV
President of the Republic of Kazakhstan



Asset ISEKESHEV
Deputy Prime-Minister of the Republic of Kazakhstan, Minister of Industry and New Technologies of the Republic of Kazakhstan



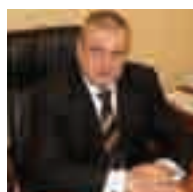
Albert RAU
First Vice-Minister of Industry and New Technologies of the Republic of Kazakhstan



Nikolay RADOSTOVETS
Executive Director of the Association of Mining and Metallurgical Enterprises



Oleg SOSKOVETS
President of Association of Financial and Industrial Group of the Russian Federation



Alexander DEYNEKO
Member of the Russian Federation Governmental Committee on Mining and Metallurgical Complex, Director of the Foundation for the Development of the Pipe Industry



Norbert JOUSTEN
Ambassador, Head of delegation of the European Union in the Republic of Kazakhstan, European Commission Plenipotentiary Ambassador



Nogxina SANDILE
Director General of Mineral Resources Department of Republic of South Africa



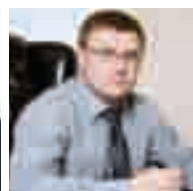
Robert FRIEDLAND
Director of Ivanhoe Mines (Canada)



Liu SIAOMIN
Deputy Director of Metallurgical Planning & Research Institute, China



Felix VULIS
Chief Executive Director of European Natural Resources Corporation (ENRC)



Alexey TEKSLER
Kazakhstan Mining and Metallurgical Complex Director General



Alper AKDENIZ
Managing Partner of PricewaterhouseCoopers for Central Asia and Caucasus



Darryl HADAWAY
Managing Partner of Deloitte TCF, LLP for Caspian Region

Memorandum of understanding on foundation of joint venture for solid commercial minerals prospecting and development was signed by the national mining company “Tau-Ken Samruk” and british-australian concern Rio Tinto within the framework of the AMM-2010 Congress.

The AMM-2010 exhibition was an efficient business platform for presentation of companies and establishment of new business contacts. Over 50 foreign and domestic companies attended the exhibition.

Statistics

Number of participating countries	17
Number of Forum delegates	453 persons
Number of exhibitors	198 persons
Number of Exhibition companies	55
Total Exhibition area, net	935 sq.m.
Number of Exhibition visitors	1 162 persons

The AMM Exhibition was subject to official statistical auditing procedure under international rules and the results of auditing are acknowledged by the Global Association of the exhibition industry (UFI).



Main topic of the Forum:

Mining and Metallurgy of Fast Growing Economies:

Leadership through Innovations!

Plenary Meeting

Perspectives of Consolidated World Mining and Metallurgical Sector

Speakers: Prime-ministers of world mining countries, senior management of international organizations

Session 1

Governmental Regulation of Mining and Metallurgical Industry: Efficient Approaches and Positive Experience

Speakers: Specialized ministers of developed countries and senior management of transnational companies

Issues to be discussed within the scope of the session:

- Implementation of industry-specific program in Kazakhstan. Experience gained upon implementation of similar national programs in other countries;
- Governmental promotion of related production, including small and medium-sized business, within the framework of further advancement of development projects in the Republic of Kazakhstan;
- Legislative framework for mining and metallurgical complex of the Republic of Kazakhstan, other countries. Results of the first year since mineral resources are transferred under the jurisdiction of the Minister of Industry and Innovative Technologies;
- Governmental and private partnership in the sphere of mining and metallurgical complex development;
- Growth of Kazakhstan gold-mining industry: new approaches and state support factors;
- Efficiency of implementing the industry-specific program of the Republic of Kazakhstan judged by specialist of the World Bank in an independent manner.

Session 2

Innovations and scientific developments – ways to solve systematic problems of mining and metallurgy

Speakers: Directors of leading research centers and laboratories, senior management of large companies

Issues to be discussed within the scope of the session:

- Problems and solutions of integrated utilization and processing of raw materials, transition to higher value added products;
- Problems and solutions of integrated approach to development of labour productivity in the industry;
- Natural resources geology;
- Experience of Kazakhstan research institutes in the field of commercialization of mining and metallurgical complex technologies: potential is more alive than dead?
- Technology-based programs of the largest companies of Kazakhstan mining and metallurgical complex shape a demand on innovations and research and development. Positive experience of cooperation;
- Governmental incentives aimed at transfer of technologies in the mining and metallurgical complex sector.

Session 3

Recovered activity of metal and capital markets

Speakers: Financial analysts and experts, directors of world stock exchanges, representatives of small, medium-sized and large business

Issues to be discussed within the scope of the session:

- Risks and chances for the industry with a view to changed market conditions in the period of the world economic recession;
- What metals will be highly sought for during next ten years;
- Strategies of crisis period acquisitions: experience and mistakes;
- Risks for the sector with reference of development of new metals;
- Basic components of successful capital raising. IPO in the world markets;
- Financing alternatives (investment and sovereign funds, joint ventures)

The AMM–2011 Exhibition is an advanced platform to present companies, demonstrate output, deepen business relations and attract new partners.

AMM-2011 EXHIBITION TOPIC-RELATED ROWS:

1. «GOLDEN ROW » includes gold-mining enterprises that will showcase up-to-date applied technologies and planned production volume.

Target: Showing the fulfillment of instructions given by the President of the Republic of Kazakhstan on two-fold increase in gold-mining output

2. «INNOVATION ROW » incorporates international research centers, leading laboratories that will present innovation technologies and scientific research results for enterprises of mining and metallurgical industry.

Target: Transfer of technologies, practical application of scientific research results

3. «EDUCATION ROW » contains leading educational institutions and universities that are training manpower for mining and metallurgical sector.

Target: Assurance of required human resources and furtherance of educational Programs

4. «SERVICING ROW » is comprised of service companies as well as enterprises engaged in servicing of mining and metallurgical enterprises.

Target: Provision of wide range of services for industrial corporations

Large industrial enterprises will be housed in the very center of the exhibition exposition

Small and medium-sized business companies and enterprises of other sectors will be placed around the exhibition periphery.

Advantages of participation in the «ASTANA MINING & METALLURGY» Exhibition:

- ▶ Chance for direct contact with senior management of international and Kazakhstan industry departments and companies;
- ▶ Opening of new perspectives and opportunities for business extension;
- ▶ Application of highly efficient marketing tools furthering the enhanced brand awareness;
- ▶ Interaction with globally recognized universities and scientific centers;
- ▶ Increased number of business contacts;
- ▶ Conclusion of profitable deals and contracts;
- ▶ Chance to be knowledgeable of all the latest world trends of the industry.





Roundtables

«Consolidation. Partnership. Development» Roundtable for associations

Participants: International industry associations

Main target: Creation of a platform for development of business relations and exchange of experience between industry associations on the basis of interaction of mining sector and metallurgical industry representatives and manufacturers of metal products.

Over 50 industry-specific business-associations from 30 countries representing different spheres of mining and metallurgical complex activities: associations of mining and metallurgical enterprises, industrial unions, industry-specific development institutes, associations of equipment manufacturers are invited to partake in the roundtable.

The roundtable discussion format contemplates consideration of the Development Program of Mining and Metallurgical Industry of the Republic of Kazakhstan for the period of 2010 and 2014, issues of social partnership and mining and metallurgical complex manpower assurance, mechanisms to develop export-oriented production facilities of metallurgical and metal processing branches. During the roundtable special attention will be focused on topics of labour productivity, evolution of metallurgical clusters and modernization of industrial enterprises.

Kazakhstan hosting party is the Association of Mining and Metallurgical Enterprises of Kazakhstan, which comprehends above 60 companies of ferrous and nonferrous metallurgy, uranium and coal mining industries with total number of employees exceeding 300 ths. of people

Roundtable «Innovations for mining and metallurgy»

Participants: Science and business

Main target: Formation of a single platform for cooperation of science and business with the purpose to present, develop and introduce turnkey innovation technologies enabling a boost of technological level and competitive ability of industrial production facilities.

Research centers and institutes, engineering companies, leading enterprises offering to the market the brand-new technologies designed for geologic exploration, raw material processing, manufacturing of finished products, modernized and optimized workflow are welcomed to participate in the roundtable.

Within the scope of the roundtable the matters will be discussed that are associated with presentation, development and introduction of innovation technologies opening prospects to creation of metallurgical production facilities for raw material processing. Companies will be able to acquire or place an order for essential technology-based developments.

The roundtable is organized by the National Center for Complex Raw Mineral Processing – the largest research and development enterprise of Kazakhstan and Central Asia that embraces leading research institutes and companies of mining and metallurgical branch.

Roundtable «Personnel for mining and metallurgy»

Participants: Education and business

Main target: Arrangement of conditions for efficient interaction among educational institutions and business enterprises to specify supply and demand of the labour market and to shape a unified training policy of personnel needed.

35 globally recognized and Kazakhstan leading educational institutions that will present their new programs for the mining and metallurgical complex during the roundtable are invited to take part.

Master class and roundtable by *PricewaterhouseCoopers*

CEO Roundtable Kazakhstan: The New Mining Powerhouse

Kazakhstan mining trends and government outlook within the global mining landscape

What should you be aware of?

Featuring CEOs of major mining companies, government officials and leading PwC mining experts, this Roundtable will discuss issues on capital raising strategies for Kazakhstan mining companies and will explore other hot mining topics of the day.

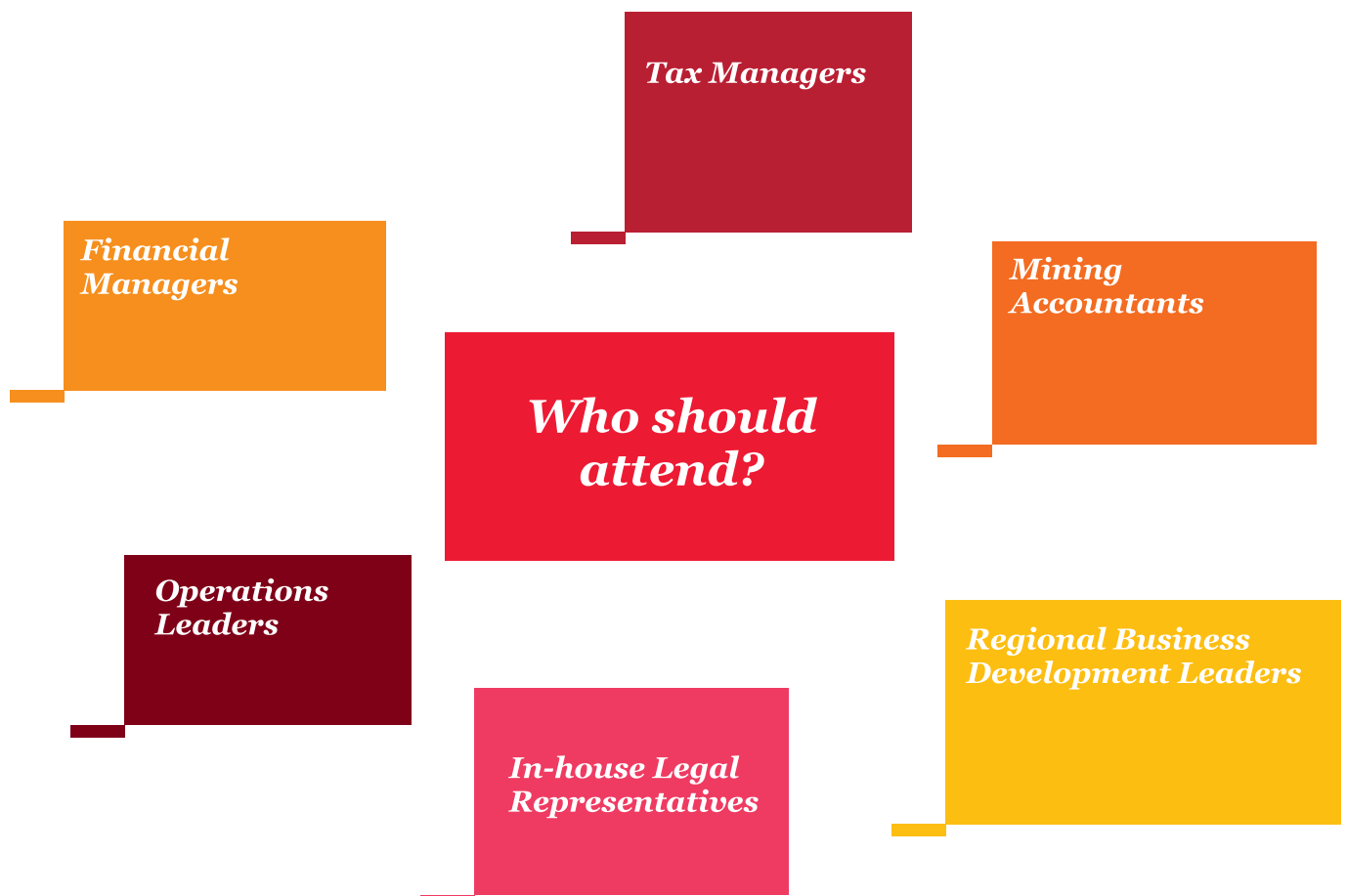
PwC Master Class

Managing your mining company in a current economic environment

Mining and metals is BIG business, changing faster than ever.

Join us to discuss your mining issues with our experts.

Our Master Class is designed to provide management and senior operational and financial staff with an opportunities to debate best practice, common problems and key risk areas within the tax, legal and financial regulatory framework in Kazakhstan





“GOLDEN HEPHAESTUS AWARD” national industry competition for selection and awarding of the best companies in the mining and metallurgy.

We kindly invite you to take part in the Competition in the following categories:

General categories:

- Person of the year
- Professional practitioner
- Teaching scientist
- Project of the year
- Investor of the year
- Best ecological program
- Best innovative program
- Best journalistic work
- Best student's diploma work
- Homeland pride



Category for small and medium-sized business:

- Success of the year

** The Competition categories are divided in general and those for small and medium-sized business for the purpose of fair competition. The Competition participation is free of charge.*

Monetary grants are provided for the following categories:

- Teaching scientist – 300 000 KZT
- Best student's diploma work – 200 000 KZT
- Best journalistic work – 200 000 KZT

** The Competition starts on March 15, 2011. The Competition applications will be gathered till June 3, 2011, 9:00 p.m. Results of the jury voting will be announced during the Award Ceremony.*

«Astana Day» cultural program



According to Decree of the President of the Republic of Kazakhstan Nursultan Nazarbayev, the year 2011 is declared to be a year of the 20th anniversary of Independence of the Republic of Kazakhstan that will be commemorated under the slogan “20 YEARS OF PEACE AND CREATION”.

The entire month of July will be dedicated to the capital of Kazakhstan – Astana – as the symbol of national independence. In 2011 the rapidly developing Astana will celebrate its 13th birthday. Over these years the construction of Astana has been the most grandiose mega-project of the whole post-Soviet space, which showed the potential of Kazakhstan. Astana Day includes cultural program within the framework of outdoor festivities related to the Kazakhstan capital birthday.

Special transfers to major celebration events accompanied by professional guides will be organized for all Congress participants.

Agenda of the Congress events July 4–6, 2011 Palace of Independence, Astana, Kazakhstan

DAY ONE – JULY 4 (Monday)

Forum / Exhibition

8.00 - 09.30 Registration of participants

9.30 - 18.30 Exhibition

Forum Program (9.30 – 18.30)

9.30 - 10.15 VIP tour and opening of the Forum

10.15 - 11.30 Plenary session

11.30 - 11.50 Press-conference

11.30 - 12.00 *Coffee break*

12.00 - 13.30 1st session of the Forum

13.30 - 14.30 *Lunch*

14.30 - 16.00 2nd session of the Forum

16.00 - 16.30 *Coffee break*

16.30 - 18.00 3rd session of the Forum

18.00 - 18.30 Signing of Memorandums

19.00 - 22.00 Gala-dinner and Award ceremony

DAY TWO – JULY 5 (Tuesday)

Roundtables / Master Class / Exhibition

9.30 - 10.00 Registration of participants; Morning coffee

9.30 - 18.00 Exhibition

10.00 - 11.30 International associations roundtable
“Personnel for mining and metallurgy” Roundtable

11.30 - 12.00 *Coffee break*

12.00 - 13.30 International associations roundtable. Signing of Memorandums.
“Personnel for mining and metallurgy” roundtable. Signing of Memorandums.

13.30 - 14.30 *Lunch*

PwC Master Class

14.30 - 16.00 CEO roundtable by PricewaterhouseCoopers
“Innovations for mining and metallurgy” roundtable

16.00 - 16.30 *Coffee break*

PwC Master Class

16.30 - 18.00 CEO roundtable by PricewaterhouseCoopers
“Innovations for mining and metallurgy” roundtable

18.00 - 18.20 Closing press-conference

18.00 - 21.00 Closing cocktail party

DAY THREE – JULY 6 (Wednesday)

«Astana Day» cultural program

10.00 - 22.00 Arrangement of transfers for main entertainment events

organizer: EXPO.KZ

EXPO·KZ

co-organizer: KAPUR



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