



**MINISTRY FOR INVESTMENTS AND DEVELOPMENT
OF THE REPUBLIC OF KAZAKHSTAN**

**REPORT ON THE PROGRESS
OF THE PREPARATIONS FOR
THE 25TH WORLD MINING CONGRESS
IN ASTANA**

Meeting of the Organising Committee
October 17, 2016

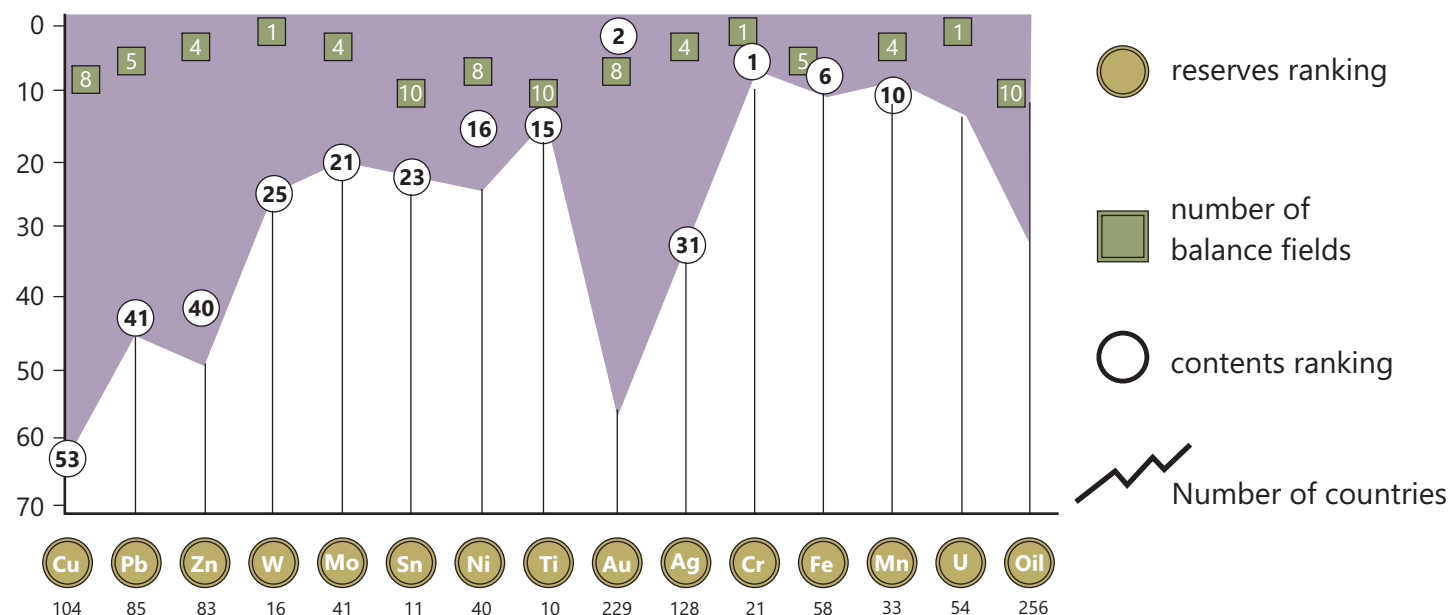


The mining and metallurgical sector is one of the most competitive and dynamically developing sectors of the industry of Kazakhstan, more than 500 large and medium-sized enterprises are operating in this sector, where about 300 thousand people are employed.

- This sector accounts for around 18% of GDP of the country.
- The share of metallurgy in the manufacturing industry equals to 44%.

MINING AND METALLURGY
IN KAZAKHSTAN

The mineral reserves put Kazakhstan in the top ten among developed countries. Despite this, substantially gives up on the content of the valuable components, which reduces the technological quality of ores.



KAZAKHSTAN'S RANKING ON
RESERVES AND CONTENTS
IN THE FIELDS



THE INDUSTRIAL ENTERPRISES OF THE COUNTRY PRODUCED:

| | |
|--------------------------|-------------------|
| Cast iron | 3.2 million tons |
| Ferroalloy | 1.7 million tons |
| Steel | 3.9 million tons |
| Alumina | 1.45 million tons |
| Primary aluminium | 219 thous. tons |
| Coal | 107 million tons |
| Copper | 395 thous. tons |
| Zinc | 324 thous. tons |
| Lead | 120 thous. tons |
| Gold | 63 tons |
| Silver | 1,3 thous. tons |

THE OUTCOME OF THE INDUSTRY'S
DEVELOPMENT IN 2015



From 2010 to 2015 -

80 PROJECTS WERE LAUNCHED, 15 000 JOBS WERE CREATED, resulting in following production figures:

- primary aluminium production brought to 250 000 tons per year
- ferrochrome to 440 thous. tons
- up to 16 thous. tons of titanium ingots and alloy
- fine gold to 31 tons

THE TRANSITION FROM THE
RAW MATERIALS ORIENTATION
TO THE PROCESSING



The increase in steel production
to 6 million tons per year

The increase in copper production
to 400 000 tons per year

The development of nickel and tin fields and
processing of nickel and molybdenum, produc-
tion of various alloys, rare metals sector

THE TASKS
FOR 2015-2019



MINISTRY FOR INVESTMENTS AND DEVELOPMENT
OF THE REPUBLIC OF KAZAKHSTAN



KIDI
Kazakhstan Industry Development Institute



NATIONAL CHAMBER OF
ENTREPRENEURS OF KAZAKHSTAN

KAZNEX
INVEST

ITE GROUP

Iteca



25th World Mining Congress

INNOVATION EXCELLENCE: step forward to mining growth

19 - 22 June

ASTANA 2018 • KAZAKHSTAN



Astana is the modern capital of Kazakhstan, development of which is progressing in a very high pace. The fundamental idea of the city's development is the synthesis of architectural rationality of the West and the sophistication of the East. Here the world-renowned architects brought to life their best projects.

- The largest mosque in Central Asia
- 45 monuments of history and culture
- The largest theatre in Central Asia - Astana Opera
- Duman aquarium that is listed in the book of records as the most distant from the ocean
- 190 hotels for every budget will be completed in Astana in 2018, 38 of which will represent the global brands
- The flight convenience

For the past years a series of large world-class events were held in Astana, among which: The OSCE Summit, the Congress of Leaders of World and Traditional Religions, Astana Economic Forum, the Summit of Heads of States Members of the SCO.

ASTANA - THE CITY OF THE FUTURE

International Organization UNESCO
awarded Astana the title of "City of Peace"



Astana is the first city in Central Asia that will host such a large-scale event like EXPO 2017

- More than 100 national pavilions
- Conference Hall for 3000 people
- The main object is the Kazakhstan Pavilion in the shape of a sphere 80 meters in diameter - the largest sphere in the world, which will have the solar panels and wind turbine that will accumulate the wind and let it flow through.
- 101 country, 18 international organizations

After 2017 the International Financial Centre Astana and the exhibition centre with excellent opportunities to hold large events will be located on this territory.

The objects of EXPO-2017 - FUTURE VENUE for WMC 2018

EXPO 2017

• Future Energy •

Astana Kazakhstan



NATIONAL ORGANISING COMMITTEE OF THE WORLD MINING CONGRESS 2018

HONORARY CHAIRMAN

Bakytzhan Sagintayev – Prime Minister of the Republic of Kazakhstan

ORGANISING COMMITTEE CHAIRMAN

Zhenis Kasymbek – Minister of Investments and Development of the Republic of Kazakhstan

DEPUTY ORGANISING COMMITTEE CHAIRMAN

Albert Rau – First Vice Minister of Investments and Development of the Republic of Kazakhstan

COMMITTEES OF THE WORLD MINING CONGRESS 2018

International Scientific
Advisory Committee

Organising Committee

Scientific and Technical
Program Committee

Advisory Business
Committee

Strategic Development
Committee

INTERNATIONAL
ASSOCIATIONS
INSTITUTIONS



MINISTRY FOR INVESTMENTS
AND DEVELOPMENT
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KAZNEX
INVEST

NATIONAL ORGANISING
COMMITTEE OF WMC



INNOVATION EXCELLENCE

step forward to mining growth

World Mining Congress: innovation excellence - a step forward towards the growth of the global mining industry.

Expanding the boundaries, 2018 World Mining Congress will present a variety of topics, which will cover the whole chain of MMS: from exploration and production to enrichment, from risk assessment to attraction of international mining.

The extended programme of WMC 2018 will cover the following topics:

- Open-pit mining
- Underground mining
- Coal
- Enrichment
- Geology
- Innovation
- MMS ECONOMICS
- Investments
- World business
- Energy and energy efficiency
- Industrial safety
- People and community
- Ecology
- State support
- Legislation
- Assessment and risks
- Gold
- Rare Earth Metals
- Uranium
- Mechanical engineering in MMC
- Automation

Holding the «ASTANA MINING & METALLURGY» Congress within the framework of WMC 2018 will ensure the maximum coverage of all tasks of the industry, including the issues of metallurgy sector and non-ferrous metals market.

WORLD MINING CONGRESS
PROGRAMME

| Day 1 | Day 2 | Day 3 | Day 4 |
|--|---|---|---|
| Plenary meeting Thematic sessions WMC 2018 Gala dinner Excursion program | Thematic sessions AMM Gala reception Golden Hephaestus award Excursion program | Thematic sessions Excursion program | Sightseeing tours around Astana Industrial enterprises |
| The excursion program to the enterprises includes 8 routes for the following locations: | | | |
| ROUTE 1 | | SIGHTSEEING TOURS: | |
| Vostochny mine , Bogatyr Coal LLP based on its technical and technological parameters is considered one of the best mining companies in the world. Ekibastuz GRES-2 - the world's largest smoke-stack Aksu Ferroalloys Plant - ranks among top three largest ferroalloy plants of the world | | Astana Opera, National Museum, Dolphinarium, Ice arena, Bus tours around Astana, Shopping in the entertainment centre «Nur Plaza» | |
| ROUTE 2 | | TRAVEL OPPORTUNITIES IN THE CIS: | |
| Karaganda coal mines - mines of the world's largest coal basin | | Kyrgyzstan, Mongolia, Uzbekistan. | |
| ROUTE 3 | | TOURS AROUND KAZAKHSTAN: | |
| Vasilkovskoye field Altyntau Kokshetau - develops the largest gold field in Kazakhstan and others | | Borovoe, Almaty, Turkestan, Baikonur, etc. | |



WORLD MINING CONGRESS STRUCTURE



International mining and metallurgical AMM Congress is called the main meeting place for geologists, miners and metallurgists - this is a dialogue platform for the industrial enterprises, consulting companies, financial and scientific institutions from different countries, a meeting place of State structures and business.

The MiningWorld Central Asia exhibition in Astana - 350 companies, 4000 visitors
the largest and most reputable in Kazakhstan and Central Asia international exhibition of mining and metals sector, bringing together leading manufacturers and specialists, also representing the full range of technologies and services for mining and processing sector.



EVENTS WITHIN



Kazakhstan exhibition company Iteca will run the World Mining Congress, company that throughout its history has participated in organization of the following events:

- **Summer and winter OSCE summits**
Almaty, AK-Bulak sanatorium,
Astana, Palace of Independence - 56 participating countries
- **7th International Islamic Economic Forum**
Astana, Palace of Independence - 2500 delegates from 50 countries
- **10th anniversary Summit of the SCO countries**
Astana, Palace of Independence
- **International mining and metallurgical Congress AMM**
- more than 1200 delegates
- **Central Asian International Mining Exploration & Mining Equipment Exhibition** - more than 350 companies



**STARTING 21ST OF OCTOBER 2016 REGISTRATION FOR
WORLD MINING CONGRESS BEGINS!**



25th World Mining Congress
ASTANA 2018 • KAZAKHSTAN

By 1st of March 2017 the formation of sections program with the participation of international institutions and professional associations will be complete.

We already have been supported by:

Austria, Norway, France and leaders of Kazakhstani MMC

**WE WILL BE GLAD TO SEE YOU IN 2018
AT THE 25TH WORLD MINING CONGRESS!**

Welcome
to Kazakhstan!