



International events  
of the technology strategy  
championship «Metal Cup»



**METAL CUP  
CHAMPIONSHIP**



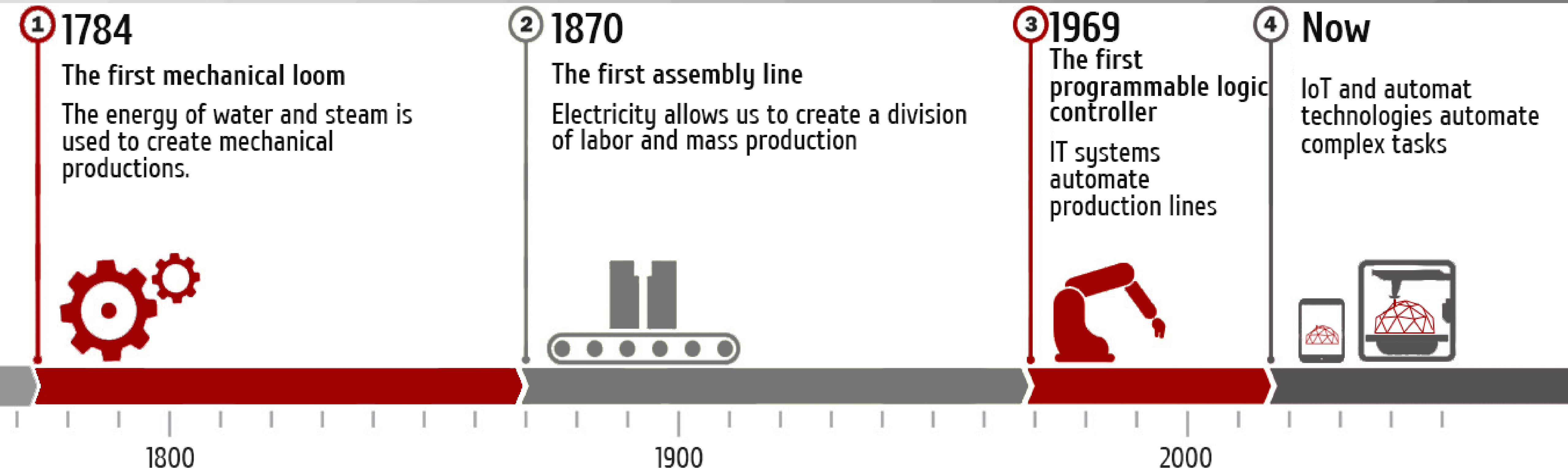
# CONFUCIUS

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## ABOUT SUCCESS

THE WILL TO WIN, THE DESIRE TO  
SUCCEED, THE URGE TO REACH YOUR  
FULL POTENTIAL ... THESE ARE THE  
KEYS THAT WILL UNLOCK THE DOOR  
TO PERSONAL EXCELLENCE.

# the «4<sup>th</sup> INDUSTRIAL REVOLUTION»

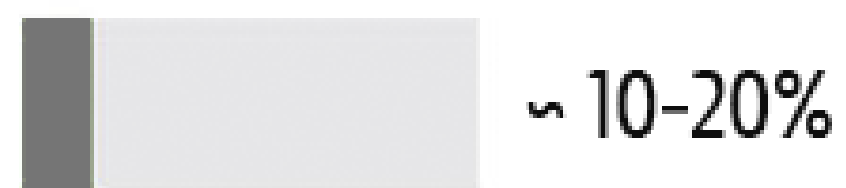


Replacement of equipment, percentage %



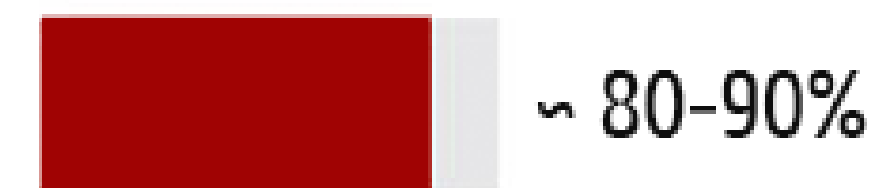
100%

required a complete replacement



~ 10-20%

the implementation of the conveyor belt allowed to save most of the auxiliary equipment and facilities



~ 80-90%

much of the equipment is replaced by automated machines



~ 40-50%

partial replacement, existing automated machines are integrated into the automated control system

# 4 DIRECTIONS IN METALLURGY

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IT  
TECHNOLOGIES



INNOVATIVE  
PRODUCTS



INTEGRATING  
PROCESSING  
OF RAW  
MATERIALS



ENVIRONMENTAL  
PRODUCTION

# INTENTION OF THE

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## «METAL CUP»

Development of technological creativity among youth and forming the community of young leaders of new industrial generations in metallurgy.



2017



# 2018



# PROJECTS

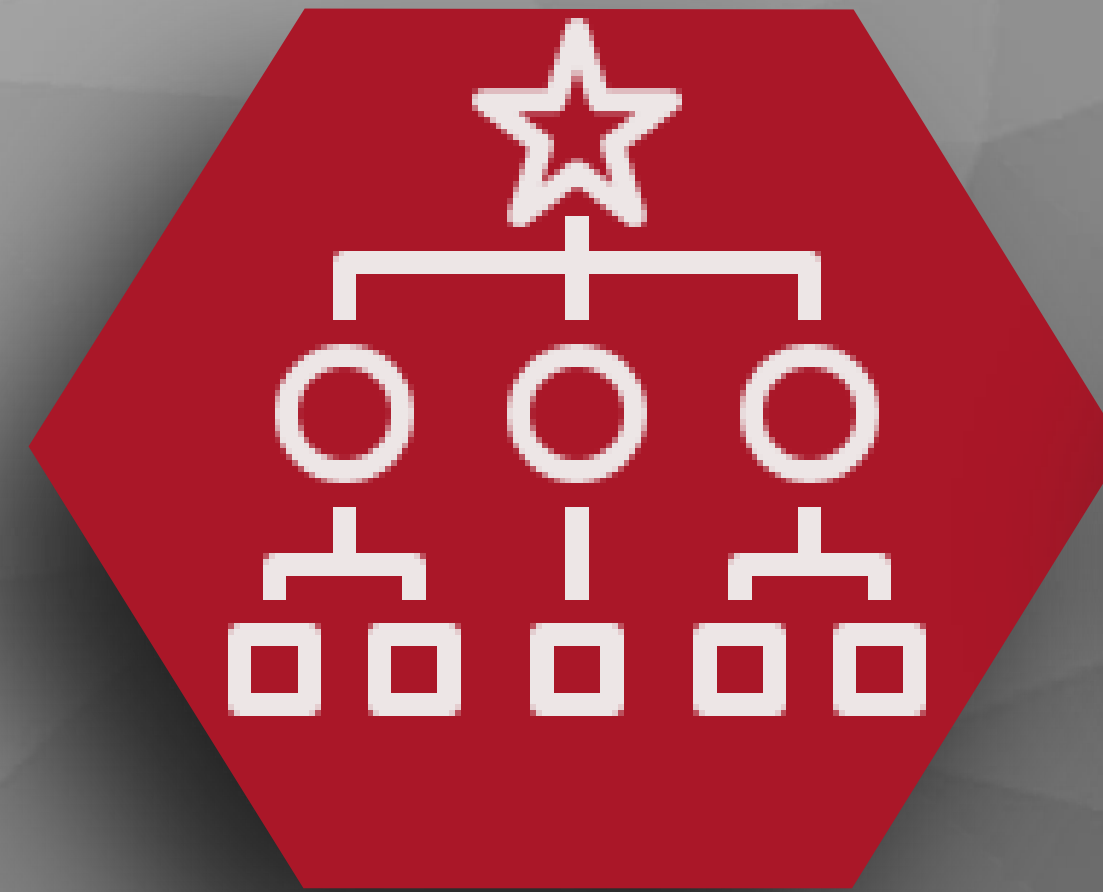
## OBJECTIVES



POPULARIZATION



YOUTH  
INVOLVEMENT IN  
CASE STUDIES



FORMING A  
COMMUNITY FROM  
LEADERS OF  
UNIVERSITIES

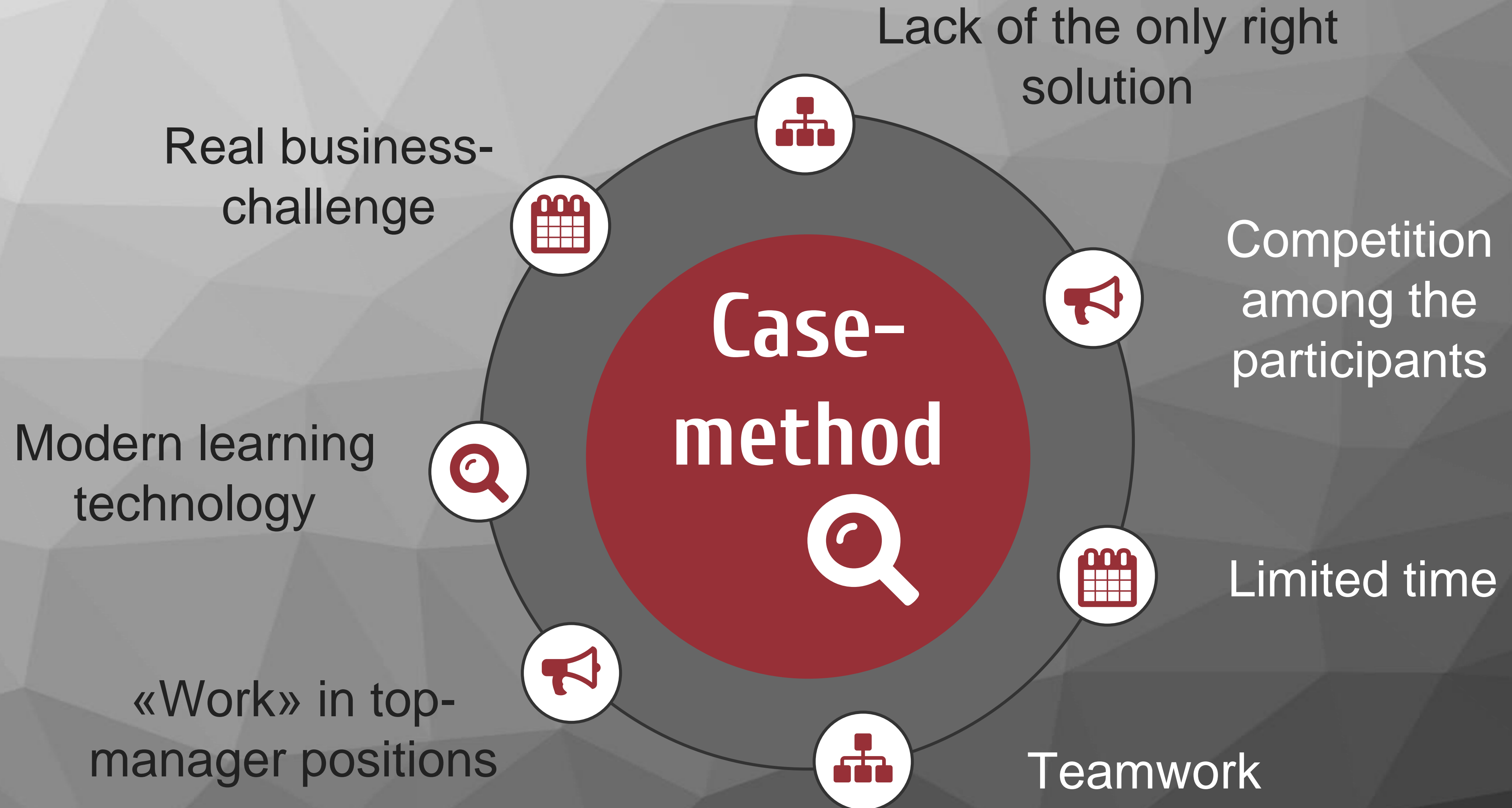


INTERNATIONAL  
INTEGRATION



**CASE**

# TECHNOLOGY



# CRITERIA FOR EVALUATING CASE SOLUTIONS (PROJECTS)



TECHNOLOGY



ECONOMY



PROSPECTS OF  
TRANSFER



INNOVATION



PRESENTATION

# TO BECOME A PARTICIPANT IS VERY SIMPLE



REGISTER TILL  
01 AUGUST



GATHER A TEAM OF  
3-10 PEOPLE



SOLVE A CASE



TAKE PART IN THE  
INTERNATIONAL FINAL  
FROM 15 TO 20  
SEPTEMBER

# «METAL CUP 2019»



## NEW CHALLENGES



- more than 11 participating countries;
- the International final in Krasnoyarsk will be held at the international congress and exhibition «Non-ferrous metals and minerals»;
- new case studies and technological audit.

# WORK PROGRAM OF THE INTERNATIONAL FINAL



VISITING  
REGION'S  
ENTERPRISES  
AND INDUSTRIAL  
EXHIBITION



DISCUSSION  
PLATFORMS



DESIGN  
SESSIONS



PRESENTATION  
AND DISCUSSION  
OF  
CHAMPIONSHIP  
CASE SOLUTIONS



PARTICIPATION  
IN THE  
CONGRESS AS A  
LISTENER/WITH  
A REPORT

# THE CHAMPIONSHIP

## FINAL VENUE



The main event of the Championship is the International final which will be held in period from 15 to 20 September in Krasnoyarsk the capital of the winter student games 2019.

Krasnoyarsk is the capital of the Krasnoyarsk Territory, the second largest region of the Russian Federation. Today it is the largest industrial, scientific and cultural center of Eastern Siberia, the territory of which is 379.49 square km.

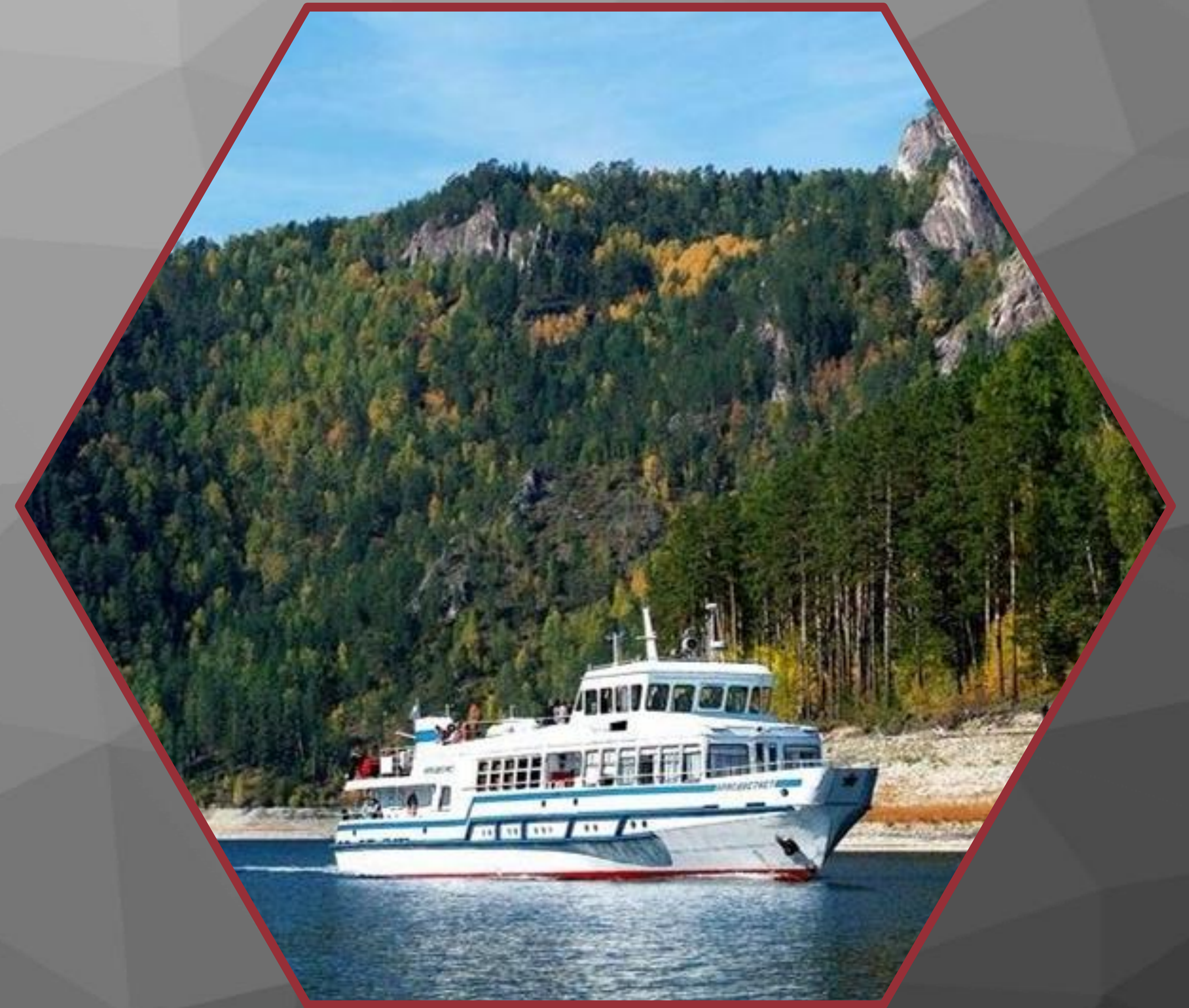
Undoubtedly, one of the main gifts received by the city from nature is the Yenisei River, which contributes the economy of the regional center, its social and even cultural development.

Today Krasnoyarsk is actively growing, justifying the honorary status of the capital of the 29th Winter Universiade 2019. Holding the Games in the regional center is an investment in the future not only of the city, but of the Krasnoyarsk Territory as a whole.

# CULTURAL PROGRAM OF THE CHAMPIONSHIP FINAL\*



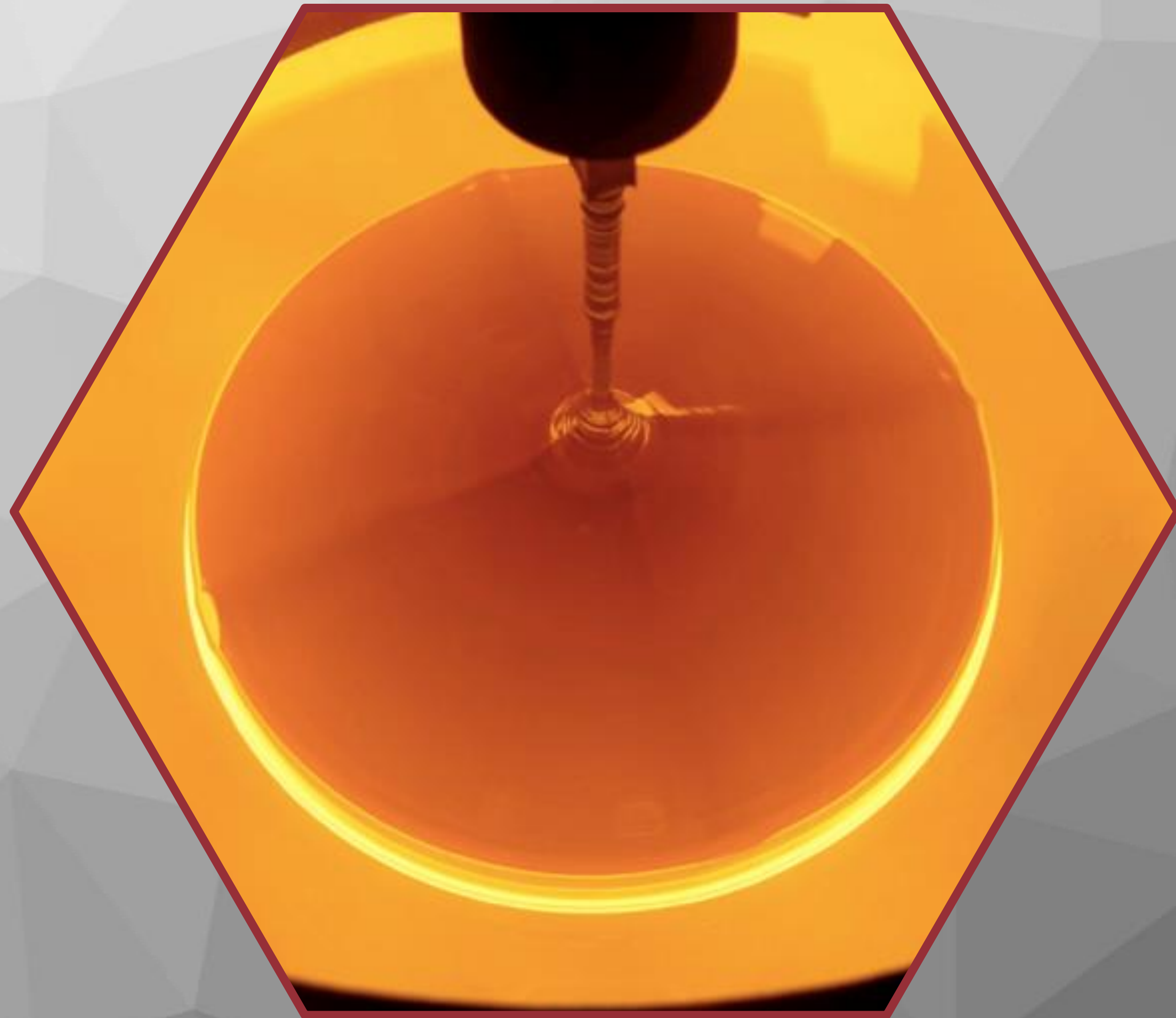
Stolby Nature Sanctuary



«Divnogorskaya riviera»

\*a detailed description of the program can be found on the website [metalcup.org](http://metalcup.org)

# CULTURAL PROGRAM OF THE CHAMPIONSHIP FINAL



Krastsvetmet JSC «Germanium»



RUSAL Krasnoyarsk Aluminium Smelter

# CULTURAL PROGRAM OF THE CHAMPIONSHIP FINAL



Universiade heritage

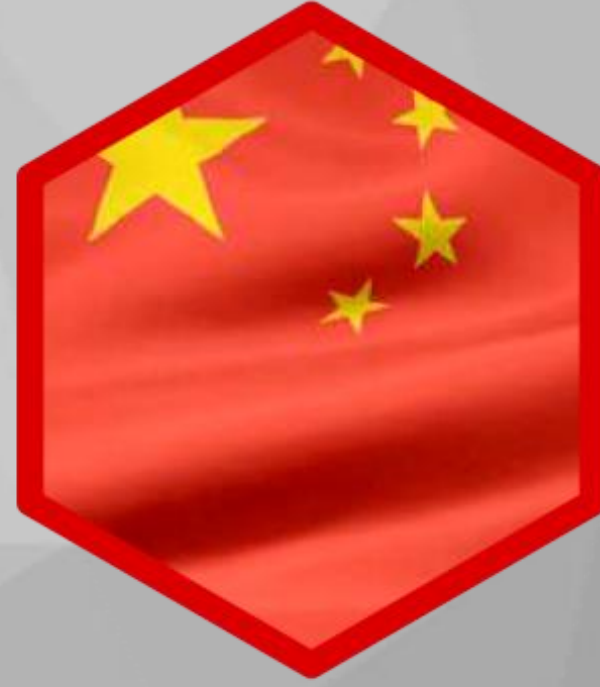


Assumption Monastery

# PARTICIPANTS OF THE INTERNATIONAL FINAL IN RUSSIA



Brazil



China



South Africa



India



Kazakhstan



Belorussia



Mongolia



Norway



Armenia



Vietnam

# PARTNERS

## OF THE CHAMPIONSHIP

## STRATEGY PARTNERS

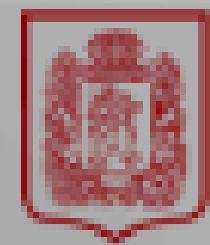


Росмолодежь



КРАСНОЯРСКИЙ  
КРАЙ

МИНИСТЕРСТВО  
ПРОМЫШЛЕННОСТИ  
И ТОРГОВЛИ



КРАСНОЯРСКИЙ  
КРАЙ

АГЕНТСТВО МОЛОДЕЖНОЙ  
ПОЛИТИКИ И РЕАЛИЗАЦИИ  
ПРОГРАММ ОБЩЕСТВЕННОГО  
РАЗВИТИЯ



ФОНД  
ПРЕЗИДЕНТСКИХ  
ГРАНТОВ



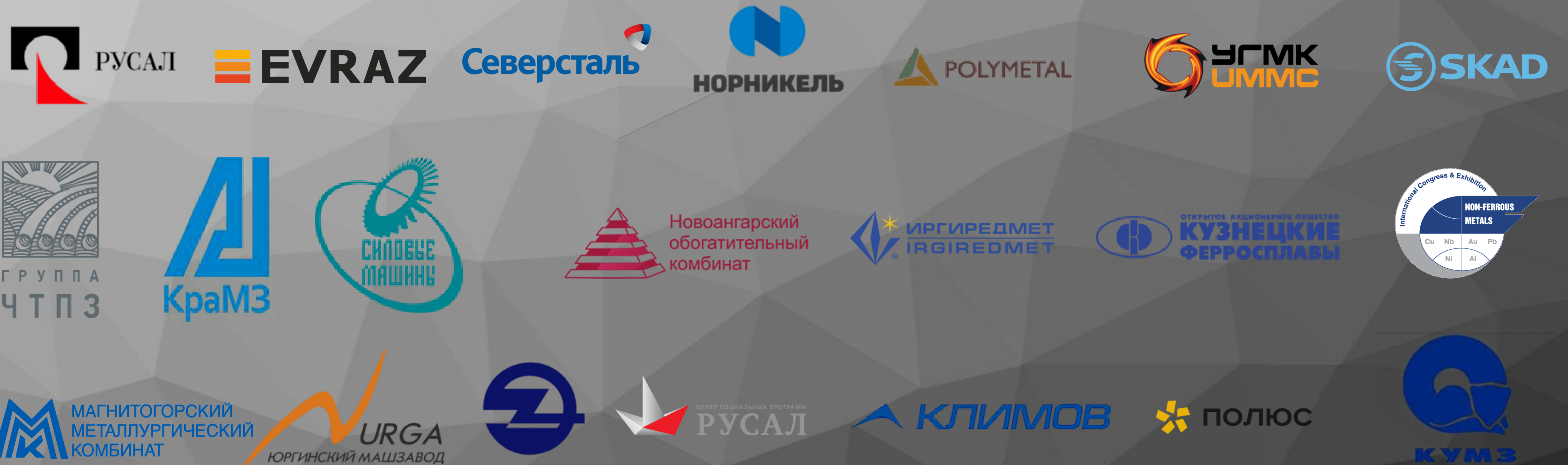
СИБИРСКИЙ  
ФЕДЕРАЛЬНЫЙ  
УНИВЕРСИТЕТ

SIBERIAN  
FEDERAL  
UNIVERSITY

# PARTNERS

## OF THE CHAMPIONSHIP

## INDUSTRIAL PARTNERS



# CONTACT

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## DETAILS



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