

# INFORMATION ON THE INTERNATIONAL CHAMPIONSHIP ON TECHNOLOGICAL STRATEGY «METAL CUP. SUSTAINABLE DEVELOPMENT»

The international technological strategy championship in metallurgy “Metal Cup” (metalcup.org) is a professional command competition of youth international teams from technical universities and vocational educational institutions (technical schools and colleges) in the solution of urgent industry tasks (cases) and development of project solutions in the industry.

The championship is held with the aim of developing strategic thinking and adapting young engineers to professional activities in metallurgy.

The main technology used in the championship is the case-method which is widely used to solve industrial development tasks. The case used in the championship is a structured analytical review of the current activities of an enterprise (industry) with a direct relationship with the real working environment in production. Championship participants need to study the material resented in the case, assess the production situation, form a list of narrow links, propose and justify the most effective solution.

Championship "Metal Cup" has been held since 2015. In 2016, the championship was held in 8 constituent entities of the Russian Federation with the participation of 35 industrial partners. By 2020, more than 5500 people, 50 educational institutions from 35 regions of the Russian Federation, 15 countries of the international final of the Championship have become participants.

In total, the participants of the Championship developed more than 1000 design solutions, some of which received grant support and were awarded special awards.

The topic of the new season of the championship is “**Sustainable Development**” which means that the participants will have to search for solutions in the field of using environmentally friendly technologies, reducing environmental pollution and resource consumption.

An important task of the “Metal Cup. Sustainable Development” will be the development of instruments for interstate cooperation in support of the global environmental trend.

In total, the participants will be representatives from 20 countries. More than 3,500 students from 70 educational institutions from 45 regions will take part in the Russian National Championship.

## **About the regulations.**

Participants of the Championship can become students of universities between the ages of 16 and 35, regardless of the specialty, course, form of study.

The team can include students from 3-7 people, as well as additionally 1-3 coaches. The team must be registered on the official website **metalcup.org** **before August 1, 2021.**

## **The key dates of the International Grand final:**

**August 1** - end of registration

**August 7**- sending a case task to participants

**August 31** - conference with experts

**September 5** - crash test solutions and connection test

**September 7** - holding the Championship Grand final.

The partners of the Championship are the largest metallurgical companies - industry leaders: RUSAL, Norilsk Nickel, Severstal, NLMK, EVRAZ, Krastsvetmet and others. The operator of the project is the Association «Young Metallurgists».