



LEARNING AND STUDENTS

Joint educational programs

Due to international cooperation, our University implements joint educational programs or double degree programs every year. They aimed at consolidation and partnership on sustainable development issues. The most effective from them is a project of joint [educational program with Shandong University](#) on Sustainable Innovative Economics and a [master degree program with Harbin Institute of technology](#) on "Ecology and Green Technologies" (China). The Bachelor's program integrates fundamental training in the areas of modern economic theory, mathematics, information processing technologies, statistics, econometrics with focus on innovative and ecological approaches.

Green Universities Association in Russia

Many students, being members of various organizations at the university, achieve great success in their social work. The [environmental team "Taiga"](#) takes part in the projects of the charity fund "Give Life to the Planet" and the regional Association "EcoYouth". The students are preparing for forums and conferences where they will popularize care for nature and eco habits, as well as participate in competitions for grant support.

Supporting student initiatives

In our university, education is closely linked to practical skills and abilities in any sector of the economy. This is achieved through close cooperation and great interest from industrial partners. In 2023, 26 million rubles were allocated to INRTU on projects for the development of student science and entrepreneurship, 13.7 million of them - were raised through grant competitions and events with industrial partners. More than 30 different hackathons, intensive courses, competitions, acceleration programs were held at our university with the support of such companies as "Rosneft", "Rosatom", "En+", "Alrosa", "Polyus" etc.



RESEARCH

INRTU is on the top of ESG-University Ranking

Currently, many universities are actively involved in the sustainable development agenda. Active work in this direction made our university to be on the top of the [ESG-Ranking](#) of universities in the EAEU-countries in 2023. The Ranking covers universities from Russia, Armenia, Belarus and Kazakhstan.

Scientific school "Chemistry of the Future"

The [event](#) was held at INRTU and brought together almost 80 people - students, postgraduates and young scientists from universities and academic institutions of Irkutsk, Angarsk, St. Petersburg, the Donetsk People's Republic, and the Republic of Belarus. It was organized within the framework of a state grant was aimed at supporting student scientific communities. The main focus of the organizers was on the development of the principles of "green chemistry" offering sustainability and environmental friendliness. The educational component of the scientific school includes project sessions. The first partner to take direct part in the development of the track for the scientific school was the Federal Chemistry Center. The center plans to develop high-tech production based on modern technologies.



INRTU and BRICS Forum in South Africa

Alexander Parshin, Director of the INRTU Siberian School of Geosciences, gave a report on the BRICS Young Scientists [Forum in South Africa](#). He was invited to the meeting devoted to environmental sustainability and climate change. He took part in discussions about the advantages of SSG geological exploration technologies that allow avoiding unnecessary damage to the environment. The Siberian School of Geosciences is developing this environmentally friendly direction within the framework of the i.GeoDesign strategic project (Priority 2030 program). As Alexander Parshin notes, environmental damage from mining is a "necessary evil" that can be minimized, or even reclaimed using the profits from production.



PUBLIC ENGAGEMENT

Energy School supported by En+ company

INRTU supports school leavers with different free courses referring to their future studies at universities. In 2023 teaching staff successfully implements the educational project ["Energy School En+"](#). It is a program of free exam training for 11th-grade students from Irkutsk and Bratsk planning to take up educational programs of INRTU School of Power Engineering. Classes in Energy Class are held from November to May at the corporate training and research center "EuroSibEnergо-INRTU". Online training is provided for out-of-town schoolchildren.



Baikal without plastic

In 2023 INRTU became a member of the ["Baikal Without Plastic" Association](#), thereby supporting the immediate development of measures to eliminate disposable plastic tableware from circulation not only in the ecological zone of Lake Baikal, but also in the entire region as well. Already, our university is actively developing the infrastructure of separate waste collection on campus, a recycling system and the expansion of ecological culture among the students and university staff. As [INRTU representative](#) and at the same time co-chairman of the Association, Alexandr Kononov already offered two technological solutions for using plastic – as a modifying additive in the production of modern materials and in road construction.



OPERATIONS

Mendeleev's classes

The University is committed to sustainable development in every area of its work, including education, management system, recycling policy. Both university faculty and students participate in a vast array of activities and events aimed at promoting the ideas of sustainability. In 2023 the most bright of them are [Mendeleev's classes](#). INRTU students studying Industrial ecology mentored projects of schoolchildren from Usoley Sibirskoye. The authors whose projects are approved by the federal expert commission will take part in Mendeleev's expedition.

