



## LEARNING AND STUDENTS

### Educational Programs and Sustainable Development

In 2024, INRTU provides [training in educational programs related to sustainable development](#), such as "Ecology and environmental management", "Environmental protection and resource conservation", "Mining ecology", "Ecology and green engineering", "Renewable energy", "Environmental safety", "People conservation, professional and environmental risk management", "Recycling and recycling of production and consumption waste", etc.

**Number of courses/modules related to environment and sustainability offered in 2024 = 1013 courses**

### Specialized Programs in Sustainable Technologies

Additionally, INRTU develops specialized educational directions such as "Eco-Engineering" and "Green Chemistry". In 2024, the university held a [forum on chemistry and biotechnology](#), where students and young researchers presented projects on creating biocomposites, soybean processing, and producing diesel fuel from used frying oil.



### Youth Engagement and Outreach

To popularize an eco-friendly lifestyle among schoolchildren and applicants, the university organizes various clubs and workshops. For example, participants of the "[Modeling of Food Eco-Products](#)" club develop innovative products such as phytowalls, strawberry flour, and cucumber lemonade, showcasing the potential of sustainable production.

## RESEARCH

### Recognition in Global Rankings

Annually INRTU participates in Green Metric World University Ranking. In 2024, [INRTU took the 180th place](#) among 1477 entries and got into TOP-5 among Russian universities presented in the ranking. Moreover, INRTU [topped the ESG ranking](#) of universities in the EAEU countries.

**Total research fund dedicated to sustainability research in 2024 = 6136732.7 US Dollars**

**Total research fund in 2024 = 8700647.3 US Dollars**

### Eco-Friendly Resource Management Solutions

The university conducts monitoring and develops solutions in the fields of waste management and resource efficiency. For instance, INRTU researchers presented achievements in eco-friendly geological exploration at the [VIII Russian-Chinese EXPO](#), aimed at reducing environmental impact.



Research on industrial and household waste recycling is actively conducted. The "Baikal Strategies" Club and the Laboratory of Environmental Monitoring at INRTU [collaborate](#) on processing waste from the Baikal Pulp and Paper Mill, demonstrating an integrated approach to solving a long-standing regional environmental problem.



## 11 scientific research and SCOPUS publications

### Knowledge Exchange and Scientific Dialogue

Scientific events for experience exchange, such as [conferences](#), lectures, and workshops, are regularly held. For example, INRTU [hosted](#) the All-Russian Scientific and Technical Conference on modern problems of radio electronics and communications, which also addressed issues of energy efficiency



## PUBLIC ENGAGEMENT

INRTU is actively involved in regional life, serving as a platform for addressing environmental issues and promoting a culture of responsible consumption within the local community.

### University as a Platform for Solving the Issues

The university initiates and partners in addressing critical issues for the Baikal region. The "[Baikal without Plastic](#)" project, aimed at reducing plastic pollution in the lake, was submitted by INRTU to the competition of the "Strong Ideas for a New Time" forum, highlighting the university's role in shaping the environmental agenda.



### University-wide Clean-up day

In April 2024, INRTU students and staff tidied up the university grounds, demonstrating a personal commitment to maintaining cleanliness and order. This event brought together over 200 employees and students, representatives of creative and sports teams, fighters of student detachments.

## Plastic Recycling Issues and Educational Campaigns

Educational outreach is a significant focus. During the "[Ecodvor](#)" ([Eco-yard](#)) [campaign](#) at INRTU, more than 300 kg of recyclable materials were collected, fostering the habit of waste separation among students and local residents.

## OPERATIONS

To improve the quality of life, conditions are created for developing an environmental stance within the university. Active students participating in eco-movements and events receive additional social support and incentives from the administration.

### Incentives for Eco-Conscious Community Members

According to the Policy on rational consumption and production models, it is envisaged to reduce the consumption of plastic by replacing material resources placed at landfills with resources that can be processed and recycled. For this purpose, university follows the strategy by using biodegradable or reused materials:

- installed coffee machines working with paper cups;
- [INRTU merch and souvenirs](#) made of wood raw materials and paper (souvenir bags, emblems, pens, etc.).

INRTU organizes the production and sale of souvenirs with the University logo, which include reusable items. For example, reducing the consumption of plastic bottles, and disposable pens by students and staff.

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