



Strengthen the means of implementation and revitalize the global partnership for sustainable development

LEARNING AND STUDENTS

Cooperation in education for sustainability

INRTU is engaged in global, national, and regional partnerships to enhance its impact on sustainable development goals. Thus, a number of educational joint projects are implemented every year. One of them is a project of joint educational program with Shandong University on Sustainable Innovative Economics. The Bachelor's program integrates fundamental training in the areas of the modern economic theory, mathematics, information processing technologies, statistics, econometrics with focus on innovative and ecological approaches. The program is provided in cooperation with a partner university in China.



Baikal Scientific and Practical Centre

A good example of the implementation of educational and scientific activities aimed at sustainable development is the program of the Baikal Scientific and Practical Center, which includes projects in the areas of deep processing of industrial waste, integrated wood processing, as well as agrobiomed technology. The Baikal center is focused on the application of green technologies and environmental safety, which is consistent with the global environmental agenda. The main goal of the Baikal Center is to promote economic development of the regions through the cooperation of science, education and production, expansion of research and development and introduction of new technologies.

RESEARCH

Priority for research on sustainability

Education and research in the field of sustainable development is a priority for sustainable development. All over the world there is an endless search for educational models and educational processes that would promote the introduction of new, important, relevant ideas, programs that would meet the needs of the future generation. Thus, the university aims to implement sustainability programs in two formats:

1. Development and implementation of specialized English-language educational programs oriented to the world market.
2. Inclusion of universal modules about sustainable development in the main educational programs.

In 2021, INRTU offered a variety of educational programs related to sustainable development, such as Ecology and Nature Management, Environmental Protection and Resources Conservation, Mining Ecology, Ecology and Green Engineering, Renewable energy, Environmental Safety, People Conservation, Professional, Environmental Risk Management, Production and Consumption Waste Utilization and Recycling, etc.

In 2021, dual-degree English-language programs on Future Energy, Environmental Engineering, and Green Economy were implemented.

968 number of sustainability-related courses

PUBLIC ENGAGEMENT

INRTU as a hosting platform

At the same time, our university also hosts a significant number of such events. One of them - Environmental Hackathon. The event participants presented projects that will help industrial companies to reduce environmental damage from production and address many environmental issues. In addition, representatives of major mining, metallurgical, oil, and logging companies in the country, as well as heads of environmental departments, government agencies, and NGOs discussed the environmental responsibility of the state, businesses, and society

Promoting the dialogue between INRTU and Society

INRTU is involved in the SDG agenda and takes an active part in these discussions as well as becomes a hosting platform for them. Over the past year, INRTU staff and students have taken part in numerous external events aimed at promoting this dialogue. In particular, they participated in the ESG Solution Cup 2022. ESG Solution Cup is an interactive platform where teams from different regions of Russia and foreign countries have an opportunity to offer solutions to topical problems of sustainable development and ESG offered by leading organizations in the field of business, international relations, social organizations.

INRTU activity with NGOs

part of various volunteer programs organized in cooperation with various NGOs, university students regularly participate in cleaning the banks of Lake Baikal and the Angara River, promote healthy lifestyles, participate in sports events, help the elderly people, and engage in other socially significant projects. The main research collaboration project focused on active development and implementation of green technologies is Baikal Research and Education Center. Its Project Office as well as two laboratories are functioning at INRTU but the project itself is inter-regional and involves cooperation of educational and scientific organizations to achieve SDG.



OPERATIONS

INRTU Summer visiting Language School

It is a new project, which started in the summer of 2021. Its purpose is to help students overcome the language barrier in a foreign language through immersion in the language environment, as well as the development of a wide range of soft-skills. Its distinctive feature is not only experienced teachers but also curators with a high level of foreign language proficiency.

Summer School on Sustainability

In 2021, INRTU supported by DAAD (Germany) organized a Summer School on Sustainable Development and Climate Change. The school participants (students from Germany and INRTU) had a bunch of lectures, projects and field trips to explore Siberian nature, climate and nature. During their outdoor classes they visited Listvyanka Limnological Museum, Olkhon Island and learnt about endemic animals of the Baikal Region, unique flora and fauna and harmful effect of human on the nature and climate.

