



**Development of Professional Competencies
Cultural and Educational Tours in Belarus**

Republican Institute for Vocational Education

Invites you to the summer school for intensive intercultural programs

Eco skills in your
profession
2 weeks+/-
or
1 week+/-

"Professional Green Skills"
"EcoTechnoPark-Volma" RIPO



Language school and
touristic brands of
Belarus
2 weeks +/-

**"The Russian Language.
Acquaintance"***
**"The Belarusian language.
Culture and traditions of the
country"***



RIPO / Centers of Excellence

* can be chosen

The purpose of the **ProfiEnergy** Summer School is to improve the level of Green Skills and the language competence of participants in the personal and professional sphere, develop international communication skills in project activities.

FOR TEACHERS-participants of the school:

Development of cross-professional competencies for fast and smooth assimilation of dynamically changing specialized knowledge.

Building the potential of communicative cooperation, which ensures the integration of summer school participants into a partner network.

FOR STUDENTS - participating in the school:

Formation of motivation for professional self-development. Setting strategic life goals.

Formation of motivation to achieve success

Acquaintance with the tendencies and trends of the future in the labor market.

The program will be useful for young scientists, students, teachers of universities and professional schools.

Upgrade your Green Skills in the following areas:

- Renewable sources of energy, energy efficiency, ecology and energy saving
- Automation of production processes. Mechanical engineering. Industry 4.0
- Autoservice. Electric cars
- Chemical and bacteriological product quality control
- Digitalization of economic sectors
- Tourism and hospitality. Educational tourism.
- Eco-Ethno-Health-Sports-Historical Tourism
- Food production.
- Construction technologies
- and other professional areas

ProfiEnergy Summer School Program includes:

Educational module:

practice-oriented project based learning in a comfortable environment, development of participants' soft skills



Educational and industrial visits:

visits to the leading Centers of Excellence and enterprises of Belarus - world leaders in production

Cultural and sports module:

acquaintance with the tourist brands of the country and Belarusian cuisine, participation in sports-hiking-water-cycling events in nature, excursions, summer entertainment programs

How do we understand education?

Education is a socially shaped process of supporting development throughout human life. Formal educational institutions are only a small part of this phenomenon. We strive to consider the universal processes that affect the field of education in its diversity, and not just the usual forms of education.



ProfiEnergy – is an acquaintance with innovations as well as accumulation of professional energy in summer for future achievements

Model Program «Professional Green Skills»

Period	July- August 2022 (upon your request)
Total number of nights	1 week (6-7 nights) or 2 weeks (13-14 nights) according to the agreed program * or determined by your choice
Itinerary	Customer country - Belarus (Minsk) - Customer country
Educational module and educational and industrial visits	1 training week – 30 hours; 2 training weeks – 60 hours.; 6 hours per day (including training visits). The total number of hours under the program is determined in accordance with the length of stay (days) in Belarus. Training takes place in EcoTechnoPark - Volma RIPO
Cultural and sports module	+ included in the program
Accommodation and meals' cost options for 10 days (the number of training period days can be changed upon your request)	
Accommodation and meals are to be chosen upon request	<p>Option 1, accommodation outside the city in a green area, 30 km from Minsk: For the entire period of stay in Belarus, accommodation can be arranged in the out-of-town hotel, sports and recreation complex VESTA (https://westa.by/directions/sanatorium/). The territory of the complex occupies about 50 hectares, located in a pine forest, there are lakes, a spa complex, a ski slope and sports grounds for various purposes. Meals (breakfast and dinner) are organized at the place of residence. On school days, lunch is provided in lunch boxes at the place of study. From the place of residence to EcoTechnoPark - Volma is about 40 km.</p> <p style="text-align: center;">Accommodation and Meals</p> <p>➤ "Light" package includes: Meals 4 times per day on the agreed menu for the whole group Extra services: the drinking water, the swimming-pool, sports playgrounds (detailed information in the packages' info) Double room for 1 person - 720 USD Twin-520 USD</p> <p>➤ "Green" package includes: Breakfast, lunch are on the agreed menu for the whole group during the training period. Dinner is of the "Buffet" type or on the agreed menu for the whole group upon the request. Twin/Double Double room for 1 person - 660 USD Twin-450 USD Business (1 bed + sofa) Single room-780 USD Twin room-510 USD Extra services: SPA</p> <p>During the training session meals in lunch boxes are provided for lunch at the place of studying for the whole group. On week-ends lunch is organized in the place of residence. Cost is calculated on 29.04.2022.</p>
	<p>Option 2, accommodation in Minsk: For the entire period of stay in Belarus, accommodation can be arranged in hotels in Minsk (with breakfast). You can choose for example: Orbita Hotel (https://orbita-hotel.com/en/) Hotel Minsk (https://hotelminsk.by/en/) ; Renaissance Minsk hotel (https://www.marriott.co.uk/hotels/travel/mhpbr-renaissance-minsk-hotel/) or other hotels in Minsk. Lunches and dinners are organized according to the itinerary of the program. The cost of accommodation is equal to the hotel price. From the place of residence to EcoTechnoPark - Volma is about 45 km.</p>



Option 3, accommodation in a RIPO student hostel (9-10 days) in the center of Minsk and in the VESTA hotel complex (3-4 days):

In the first half of your stay in Belarus, you can stay in a RIPO student hostel in the center of Minsk.

Accommodation and Meals

- **"Student"** package includes:

Breakfast, lunch and dinner in the hostel café on the agreed menu for the whole group.

Twin room – 190 USD (single rooms are upon the request)

You can also dine on your own in any restaurant in Minsk.

From the place of residence to EcoTechnoPark - Volma is about 45 km.

In the second half of your stay in Belarus, you can stay in the hotel, sports and recreation complex VESTA. The number of days is determined by you (the customer).

Accommodation and meals are organized as in "Light" and "Green" packages (see above).

From the place of residence to EcoTechnoPark - Volma is about 45 km.

Option 4:

For the entire period of stay in Belarus, accommodation can be arranged in the RIPO student hostel in the center of Minsk.

Accommodation and meals are organized as in "Student" package.

Sample Activities and Excursions

- ✓ Excursion-acquaintance with cultural and sports sights of Minsk. For example, <https://vetliva.com/belarus/about-country/cities/minskaya-oblast/misk/>
- ✓ Excursion to the National Library - the architectural symbol of Minsk, which was included in the TOP-25 unusual libraries in the world <http://abu.by/ru/news/2754.html>. Acquaintance with the history of the library, its decoration and architectural features of the building, visiting the museum of the book. You will also visit the observation platform, which offers magnificent views of the capital and its environs, which make a vivid impression.
- ✓ Excursion to the Sula History Park <https://parksula.by/> - an exquisite noble estate of the 18th century, viewing the majestic hall of knightly glory, decorated with luxurious tapestries and lit by handmade torches, walking through the mysterious 300-year-old park, master classes in gentry dances, the opportunity to taste the best dishes of Belarusian cuisine and plunge into the atmosphere of the age-old traditions of Belarus. Sightseeing tour to Dzerzhinsk: (the highest point on the territory of Belarus, historical monuments / buildings from the 16th to the 19th centuries, unique forests and much more.
- ✓ Excursion to the center of ecological tourism "Stankovo" <http://ecopark.by/en/partizan-camp.html>, visiting the zoo, the historical complex "Partisan Camp", etc. A new world opens here, where the boundaries between material and spiritual are erased.
- ✓ Excursion to the historical and cultural open-air museum "Stalin's Line". <https://stalin-line.by/posetitelyam/ekskursii>
- ✓ Excursion to the Central Botanical Garden - a unique natural object of landscape art <https://cbgarden.by/prices>, historical and cultural value of the country. It belongs to the largest botanical gardens in Europe both in terms of area (93 hectares) and in terms of the composition of plant collections (more than 15 thousand items).

Additional events according to your request

You can see the list of additional excursions in Belarus. We will assist in organizing them.

Tour examples:

Excursion to the Mir-Nesvizh complex <https://niasvizh.by/> and <https://mirzamak.by/en/>, the most valuable monument of Belarus, included in the UNESCO World Heritage List.

Excursion to the Museum complex of ancient crafts and technologies "Dudutki" <https://dudutki.by/>.

Excursion to BELAZ <http://shop.belaz.by/> - the world's largest manufacturer of dump trucks and transport equipment for the mining and construction industries. For an additional fee, you can drive a dump truck.

Minsk Tractor Works is included in the TOP-12 of the world's largest manufacturers of agricultural machinery - Trade House "MTZ Lider" <http://www.belarus-tractor.com/en/>

A number of people in the group is determined by your request

Groups can be formed from the number of students with accompanying persons, as well as groups of teachers and specialists of the university:
14 to 19 people or 20 to 25 people.

Sample cost of the training and extra services:

460 USD – program **"Professional Green Green Skills"**.

360 USD – program **"The Russian Language. Acquaintance"***

"The Belarusian Language, Culture and Traditions of the Country".

The cost of the program is calculated for **10 days** and includes: training, industrial visits, cultural sports program, transfer.

The final cost of the program is calculated after the choice of the training period/accommodation/meals/excursion option.

*The future is variable –
it depends on the decisions of the participants in the education system today*

Days	Model Program
Day 1	<p>___Arrival at Minsk National Airport. ___Group transfer to the place of residence. Catering on the day of arrival upon request. Greetings from the Belarusian side. Settlement and rest. https://www.youtube.com/watch?v=30hXQANpkfl</p>
Day 2	<p>Breakfast at the place of residence. Transfer to EcoTechnoPark - Volma. Presentation of the program "Professional Green Skills"*. Discussion and wishes of the participants. Educational module: Open space technology and design. Acquaintance of participants, identification of personal expectations and vision of what program is effective, what factors determine its success. Identification of professional areas and experience of participants. Dinner Educational module. Continuation. Presentation of directions / topics of projects for participants "IVF skills in your profession and country". Introduction to the topic: what you need to know and be able to develop an effective project. Choosing a topic for your project (according to the profile of study or work). Discussion of the task: identification of the problem as a whole, main and indirect factors. Division into teams by direction. https://etp-volma.by/prirodno-resursnyij-potenczial/ Transfer to the place of residence. Dinner Cultural and sports module</p>
Day 3	<p>Breakfast Transfer to EcoTechnoPark - Volma. Study visit to RIPO Competence Centers in the following areas: Automation of production processes. Industry 4.0. mechanical engineering; Car service. Electric vehicles. "Production technologies" MAZ-Weichai "; Modern building technologies. Development and formation of soft-skills competencies of participants. https://www.youtube.com/watch?v=K5dkjA6Nqr4 - KSTMiA https://www.youtube.com/watch?v=f02JLa1Dpw - MGAK https://www.youtube.com/watch?v=DBDSm_1rrMU – Belarusian Competence Centers Dinner Cultural module Sightseeing tour of Minsk: culture, history, traditions and religions of the city. You will also see many interesting objects of the Belarusian capital. Transfer to the place of residence. Dinner Sports module</p>
Day 4	<p>Breakfast Transfer to EcoTechnoPark - Volma. Educational module "Volma - in the world of clean energy" https://etp-volma.by/rastitelnyij-mir.html Excursion "Smart energy as a factor in improving the quality of life" in "EcoTechnoPark - Volma". Presentation "Renewable Energy Sources" (solar, wind, geothermal, hydro and bioenergy). Acquaintance with the energy infrastructure, visiting the "Smart District" laboratories. Dinner</p>

	<p>Educational module. Continuation file:///C:/Users/ivanova/Downloads/renewable-energy-sources.-ecotechnopark-volma-brochure.pdf Quest "In the world of clean energy" (work at stations by type of energy (four teams) 1 Station (Electric Trainer) 2 station (Photovoltaic-solar battery) 3 station (case photocells) 4 station (hydroelectric) 5 station (vertical generators) Transfer to the place of residence. Dinner Cultural and sports module</p>
Day 5	<p>Breakfast Transfer to EcoTechnoPark - Volma. Educational module Humanitarian technologies: the formation of team competencies. Leadership. Creation of leadership teams. Ability to work with teams, groups and individuals. Development of team competence of team members. Methods used. anthropotechnical methods. Determination of predisposition to various types of activity according to D. Kolb. The group formation procedure according to D. Kolb, the Metaplan and Open Space methods. Preference effects on activity styles. Psychogeometry. E. Mahoney, A.V. Libin "Constructive drawing of a man from geometric shapes". The study of psychotypes. Determining your own psychotype for effective group formation. Interactive and game methods. Methods for creating a favorable atmosphere of communication. Methods of exchange of activities. Dinner Study visit to the Center for Ecological Tourism "Stankovo". Recreation center "Khotovo": Zoo, military-historical complex "Partisan camp", park of wild animals, etc. http://ecopark.by/en/ Transfer to the place of residence. Dinner Cultural and sports module</p>
Day 6	<p>Breakfast Transfer to EcoTechnoPark - Volma. Industrial visit to the leading plant for the production of MAV paints and varnishes for the construction, woodworking and industrial sectors of the economy. Introduction to the production of high quality MAV materials. The enterprise wins prizes at international and republican competitions (a gold medal at the Brand of the Year competition, the titles of Best Product of the Year, Best Construction Product of the Year. https://www.mav.by/en/about_company/ https://www.youtube.com/watch?v=c6VTjjZoaDo&t=5s Dinner Educational module. Work in teams on selected project topics. Expert advice on the profile selected by the project participants. Transfer to the place of residence. Dinner Cultural and sports module</p>
Day 7	<p>Breakfast Transfer to EcoTechnoPark - Volma. Industrial visit to JSC "AMKODOR-SEMASH" - the managing company of the holding "is a modern enterprise equipped with advanced equipment that allows high-quality performance of high-tech operations and the lowest labor and material costs: Mazak and Union metalworking centers, Farina bending press, Amada metal band saw machine, and other equipment. "AMKODOR-SEMASH" produces: Skid steer loaders; Loading equipment Attached equipment; Multifunctional semi-trailers Feed mixers-distributors; Distributors of mineral fertilizers http://amkodor-dz.by/en/ Dinner</p>

	<p>Educational module. Continuation. Work in teams on selected project topics. Expert advice on the profile of the project. Transfer to the place of residence. Dinner Cultural and sports module</p>
Day 8	<p>Breakfast Transfer to EcoTechnoPark - Volma. Educational module "Engineering ecology" The theme "Studying the technology of fuel cells" is revealed with the help of the UniTrain multimedia experimental simulator system. Participants will be introduced to theory, conduct learning experiments, use structured module software, texts, graphs, animations and tests to test their knowledge. Dinner Educational module "Engineering ecology". Continuation Research work on the topic "Heliocollector" At the end of the session, participants should know: - device and principle of operation of the solar collector; - classification of hellicollators; - controller setting; - safety requirements when working with a solar collector. Should be able to: - put the solar collector into operation and adjust it to the specified operating mode. Dinner Transfer to the place of residence. Cultural and sports module</p>
Day 9	<p>Breakfast Transfer to EcoTechnoPark - Volma. Educational module "Engineering ecology" On the simulation equipment "Studying the operation of small wind power plants", participants will study modern wind turbines with simulation of wind energy close to real conditions using IT technologies, where communication with a personal computer ensures efficient maintenance and visualization of the operation of wind power plants during experiments. Formed competencies Green soft-skills of participants: knowledge of the device and principle of operation of wind turbines, classification of wind turbines; understanding of the operation of the generator with variable wind strength; the ability to regulate the output voltage and frequency; ability to commission a dual-fed asynchronous generator. Dinner Educational module "Engineering ecology" Research work on the topic "Photovoltaic panels" The task of the educational study is to form the knowledge of the participants about the purpose of photovoltaic panels, about the principle of their operation, the ability to properly install and connect the panels. Transfer to the place of residence. Dinner Cultural and sports module</p>
Day 10	<p>Breakfast Transfer to EcoTechnoPark - Volma. Transfer to Molodechno Study visit to the Competence Center for food production, aquatronics, building technologies, etc. in Molodechno. https://www.youtube.com/watch?v=1LcFKaQ5fbs&t=35s Dinner Cultural and sports module Sightseeing in Molodechno. Excursion to the museum "Stalin's Line": an open-air military-historical reconstruction dedicated to the war. https://stalin-line.by/en/ Transfer to Volma. Transfer to the place of residence.</p>

	Dinner
Day 11	<p>Breakfast</p> <p>Transfer to EcoTechnoPark - Volma.</p> <p>Educational module "Engineering ecology" LABORATORY "SMART HOUSE".</p> <p>Building Systems Simulator "House Input" is about connecting the power supply network to the electrical system of the building. Experiments important for practice are an integral part of the simulator and will form the basis for the research activities of the participants.</p> <p>With the building systems simulator "Alarm Equipment", the topic of burglar and fire protection is revealed as a crucial element of a modern electrical installation system. The unit can be freely programmed by the participants and can be used very differently for results-oriented teaching.</p> <p>The building systems simulator "Building Control Systems with KNX®" is designed for the design, installation and testing of an intelligent, bus-compatible electrical installation system. At the booth, the participants of the summer school will perform design and programming work using a PC.</p> <p>Dinner</p> <p>Cultural and sports module.</p> <p>Excursion "Cultural pearls of the central region of Belarus".</p> <p>Transfer to the place of residence.</p> <p>Dinner</p>
Day 12	<p>Breakfast</p> <p>Transfer to EcoTechnoPark - Volma.</p> <p>Educational module "Engineering ecology"</p> <p>The day is completely devoted to the development of their projects by the participants.</p> <p>Possible topic projects:</p> <ul style="list-style-type: none"> Green energy is the energy of the future; Intelligent energy; Car model on alternative energy sources; The use of alternative energy sources in everyday life; Intelligent home energy management system; Model of an autonomous solar power plant for hard-to-reach areas; Mobile reserve power unit on alternative energy sources; Virtual model of a nuclear power plant, etc. <p>Dinner</p> <p>Educational module. Continuation.</p> <p>Work on projects. Consultations with experts. Formation of business plans for the business game "Business Fight".</p> <p>Transfer to the place of residence.</p> <p>Dinner</p> <p>Cultural and sports module</p>
Day 13	<p>Breakfast</p> <p>Transfer to EcoTechnoPark - Volma.</p> <p>Educational module. Business game "Business-fight".</p> <p>The day is devoted to the presentation of the projects of the participants and the reflection of the summer school.</p> <p>Participants will have the opportunity to choose the winning project.</p> <p>Dinner</p> <p>Open space for participants.</p> <p>Transfer to the place of residence.</p> <p>Closing dinner "Friends - Partners"</p>
Day 14	<p><i>Breakfast</i></p> <p><i>Departure</i></p> <p><i>Transfer to Minsk National Airport</i></p>

*There are areas where forecasts can be made, but in general
the future cannot be predicted, it is possible to invent
the future the way we want it to be*

Results of the training

Development of strategic and tactical planning of career life and communication skills.
Formation of an idea of universal over-subject skills that ensure success in any of the professions.
Formation of professional skills and abilities to carry out design and research work.
Development of reflection skills - introspection and introspection for self-development throughout life.
Formation of professional competencies in the field of ecology and smart energy, application and dissemination of green technologies in various sectors of the economy.
Knowledge of the basic principles of operation of the Smart Home / District / City system: the operation of various sensors and the principle of their interaction with actuators, knowledge of the design of the principle of operation of a solar collector, a heat pump, photovoltaic panels, a wind generator, etc.
Formation of ideas about the trends in the demand for new professional skills and the development of the labor market of the future.

The constantly expanding network of national and international partners, highly qualified personnel, rich experience and extensive material and technical base allow us to consider RIPO as a reliable and competent strategic partner.



REFERENCE.

Why people think that Belarus is the center of Europe:

Several places claim to be the geographical center of Europe, and one of them is located in the ancient Belarusian city of Polotsk. In 2008, a memorial sign "Geographical Center of Europe" was constructed in Polotsk. Everyone who visits this place can receive a commemorative certificate, indicating that he has been in the very heart of Europe. And how many other interesting sights there are in Belarus!

Contacts

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Welcome to Belarus!

Application for participation in ProfiEnergy Summer School 2022

Enter the name of your educational institution

Name and position of the responsible person

Your contacts / email phone (WhatsApp / Telegram)

Позиции	«Professional Green Skills»	Language School and Touristic Brands of Belarus
Estimated arrival dates		
Estimated arrival dates		
Planned number of days of stay in Belarus		
Planned number of groups		
Planned number of students		
Total		
Female		
Male		
Planned number of people accompanying students		
Total		
Female		
Male		
Planned number of teachers		
Total		
Female		
Male		
Accommodation options		
Group accommodation option <i>1 variant:</i>		
<i>2 variant:</i>		
<i>3 variant:</i>		
<i>4 variant:</i>		
Food preferences. Identify the number of people		
Total		
Vegetarian		
Halal		
Special diet		
Your preferences towards the program		
Educational module		
Training-industrial visits		
Cultural and sports module		
Specify the profile of specialties of students		
Specify the profile of specialties of teachers		
You can ask your questions about the program		