

## **Strategic project №3 Sustainable development of the Altai territories in the transboundary space**

### **Information about the achievement of the planned results for 2018**

#### **1. The planned result of the project in 2018:**

Models and tools to ensure the economic development of the Altai Territory, business actors in a transboundary space in the context of ensuring its sustainability (the economic aspect of the project)

1. Creation of an integrated system of expert-analytical and research support for the development and implementation of strategic planning documents and strategic development of the Altai Territory in the context of its sustainable development in a cross-border space.
2. Formation of programs for the development of the economy of the Altai Territory and the strategies of business actors in the region based on the concept of global value chains.
3. Independent expert assessment of the factors of potential expansion and the level of regional integration of the regions of the Siberian Federal District in order to ensure the economic security of the Altai Territory and strengthen the economic space.
4. Creating institutional conditions and methodological support of the transition of economic entities of the Altai Territory to the use of agricultural production systems of organic products from the standpoint of ensuring resource and health savings.

#### **The achieved result of the project on 31.12.2018:**

The activities of expert and analytical support for the development and implementation of strategic planning documents and strategic development of the Altai Territory in the context of its sustainable development in a cross-border space have been implemented, and namely:

the expert-analytical assessment of the project on the Development Strategy for the Southern Zone of the Altai Territory prepared by the St. Petersburg branch of the HSE based on the results of a regional competition for work was carried out in compliance with the principles of criticality, objectivity, and comprehensiveness;

the concept for the development of the International Coordinating Council “Our Common Home - Altai” was developed in terms of defining goals, objectives, basic principles and areas of cooperation.

Models have been developed and tools have been proposed to ensure regional economic security of the Altai Territory in the context of its sustainable development in a transboundary space, derived from:

independent assessments of the structural differentiation of economic activities, the competitiveness of the Altai Territory as a whole, enterprises and organizations registered and / or operating on its territory from the standpoint of expanding export potential and maximizing export opportunities, entering into global value chains;

developed tools for monitoring economic security of the region, based on the use of factor analysis techniques and mathematical modeling methods developed, allowing to form multiplicative-additive models of risk components of the socio-economic development of the region, affecting the gross regional product, the value of which is an indicator of the economic sustainability of the region;

developed methodological approach to assessing the structure of the study of interregional relations, including the differentiation of the main parameters of regional relations in order to assess the potential of their development, the definition of the desired and acceptable level of interregional integration and interregional differentiation, which are the main parameters for assessing the economic security of the region;

promotion of the introduction of modernized technological approaches to the implementation of production processes of enterprises and organizations of the Altai Territory from the standpoint of resource and health preservation (introduction of the concept of production of organic food and agricultural raw materials);

a regionally developed mechanism of state management of agricultural development focused on organic production.

## **2. The planned result of the project in 2018:**

Models and tools to ensure regional social security of the Altai Territory in the context of its sustainable development in the transboundary space (social aspect of the project)

1. Identification of the level of satisfaction of the population with the activities of local governments of urban districts and municipal districts in the Altai Territory;
2. Analysis and assessment of migration processes in the Altai Territory and border regions from the standpoint of maintaining regional social and economic security.

## **The achieved result of the project on 31.12.2018:**

Models have been developed and tools have been proposed for ensuring regional social security in the Altai Territory in the context of its sustainable development in the transboundary space, derived from:

sociological measurements of population mobility from the standpoint of its social and economic consequences for the Altai Territory as a whole, its individual territories, and the border regions of other states;

sociological measurements of the level of population satisfaction with the activities of local governments of urban districts and municipal districts in the Altai Territory.

## **3. The planned result of the project in 2018:**

Models and tools to ensure regional environmental security and preserve the natural uniqueness of the Altai Territory in the context of its sustainable development in a transboundary space (the environmental aspect of the project)

1. Identification of the spatial characteristics of infrastructure development and tourist use of protected natural areas and the prospects for the creation of geoparks in Altai and in adjacent regions;

2. The concept of creating a scientific depository of phytodiversity on the example of model areas of the Altai Territory.

**The achieved result of the project on 31.12.2018:**

Models have been developed and tools have been proposed to ensure regional environmental security of the Altai Territory in the context of its sustainable development in a transboundary space, derived from:

the concept of creating the first geopark in the Altai Territory with the aim of developing a regional tourist and recreational complex;

field studies were carried out and a network of geotourist routes was proposed in the projected geopark;

the developed concept of development of the tourism and recreational subcluster Belokurikha 3;

the developed concept of creating a scientific depository of phytodiversity on the example of three model areas of the Altai Territory (Altai, Smolensk and Soloneshensky).

**Information on the implementation of planned events within the project**

**1. Planned project event in 2018:**

Conducting independent assessments of the competitiveness of the Altai Territory as a whole, of enterprises and organizations having registration and / or operating in its territory from the following position:

- expanding export potential and maximizing export opportunities;
- entry into global value chains;
- creating a favorable business climate for developing new types of products, creating and attracting new business structures in the Altai Territory.

**Implemented project event from event calendar on 31.12.2018:**

An assessment of the innovation potential of macrocompetitions of enterprises and organizations of the Altai Territory in the context of the formation of global chains of creation of added value.

The analysis of the export activities of manufacturers of the Altai Territory in the context of entering the global value chain.

The concept of development strategy of the economy of the Altai Territory on indicative programming of enterprise participation in global creation chains of added value.

Developed and expertly accompanied by strategic measures for the withdrawal of OOO Bochkari to new regional markets of the Russian Federation (Moscow region, Krasnodar region, Tyumen region) and foreign markets (China, Kazakhstan, Kyrgyzstan).

The analysis of climatic factors of the suitability of cultivation of confectionary sunflower in the Biysk-Chumysh and Kulunda zones of the Altai Territory has been carried out.

## **2. Planned project event in 2018:**

Development, popularization (including consulting) and support of the introduction of new production technologies by enterprises and organizations of the Altai Territory aimed at ensuring the sustainable development of the region.

### **Implemented project event from event calendar on 31.12.2018:**

The concept of creating a consulting center in the Altai Territory on plant protection, marketing and promotion of organic products of Altai producers in the Altai Territory was developed and presented at the site of the Interregional Agricultural Forum “Day of the Siberian Field - 2018”.

## **3. Planned project event in 2018:**

Development and updating of strategic development documents and strategic planning of the Altai Territory, taking into account its cross-border position.

### **Implemented project event from event calendar on 31.12.2018:**

The concept for the development of the International Coordinating Council “Our Common Home - Altai” was developed in terms of defining goals, objectives, basic principles and areas of cooperation (adopted at the XV meeting of the International Coordinating Council, June 7–9, 2018, Hovd, Mongolia).

The concept of a strategy for the development of the economy of the Altai Territory was developed on the basis of indicative programming of participation in global value-added chains.

#### **4. Planned project event in 2018:**

Development and implementation of measures for the assessment, development and formation of new tourist routes in the context of the sustainable development of the region in a cross-border space

#### **Implemented project event from event calendar on 31.12.2018:**

Geotourist routes have been developed for the creation of the FAS Altai geopark in the Altai Territory, which will include the territory of the granite Belokurikha mass, the area of the Proletarka village of the Altai district and the territory of the Denisova cave in the Soloneshensky district.

Tourist maps (in Russian and English) of the Altai region (Altai Territory and the Altai Republic) have been developed.

#### **5. Planned project event in 2018:**

Development and implementation of measures for the conservation and development of existing natural clusters

#### **Implemented project event from event calendar on 31.12.2018:**

Organizational support was provided to the annual meeting of the Commission for the Development of Tourism of the Russian Geographical Society (Belokurikha).

Organization and holding of the IX Annual Scientific Assembly of the Association of Russian Social Geographers (ARGO) (Barnaul - Belokurikha).

An expedition was carried out to investigate three foothill areas of the Altai Territory (Altai, Smolensk and Soloneshensky) for the presence of unique geological objects with world scientific and historical status (evidence of movement of lithospheric plates, traces of age-old mines), the results of which will allow the FAS Geopark designed in the Altai Region. Altai "apply for UNESCO status.

**6. Planned project event in 2018:**

University representation in the Global Biodiversity Information Facility (GBIF).

**Implemented project event from event calendar on 31.12.2018:**

ASU was officially registered in the Global Biodiversity Information Facility (GBIF) ([www.gbif.org/publisher/943a5811-d56e-4c37-853d-bd64957d3833](http://www.gbif.org/publisher/943a5811-d56e-4c37-853d-bd64957d3833)). GBIF works in partnership with other international organizations, such as: Catalog of Life partnership, Biodiversity Information Standards (TDWG), International Barcode of Life project (iBOL), Encyclopedia of Life (EOL) and GEO

**7. Planned project event in 2018:**

Work on the creation of the “Black Book of Flora of the Altai Territory”.

**Implemented project event from event calendar on 31.12.2018:**

8 species of plants that are either dangerous to human health or threaten the formed ecosystem of the Altai Territory have been collected and described.

**8. Planned project event in 2018:**

Development of projects of zones of protection, projects of borders of cultural heritage sites of Kurya village, Kurya district of the Altai Territory.

**Implemented project event from event calendar on 31.12.2018:**

Projects of protection zones, projects of borders of territories of objects of cultural heritage of Kurya village, Kurya district of the Altai Territory were developed.

**9. Planned project event in 2018:**

Development and implementation of new educational programs and approaches to training, including in the field of additional professional education, aimed at training personnel with knowledge and skills in the sustainable development of the region in a cross-border area.

**Implemented project event from event calendar on 31.12.2018:**

A new educational program was developed and implemented in the area of training 46.03.03 "Anthropology and Ethnology".

The following additional professional education programs were developed and implemented:

“Legal Aspects of Transboundary Waters Management” in the framework of the international project Erasmus + No. 561-775-EPP-1-2015-1-DE-EPPKA2-CBHE-JP “Trans-Regional Environmental Awareness for Sustainable Usage of Water Resources (TREASURE-Water) / Institutional Partnership for Sustainable Transboundary Water Use: Russia and Kazakhstan” (along with three more Russian, five European and three Kazakh universities);

"Psycho-social technologies of adaptation and integration of foreign ethnic groups";

"Managing the activities of NGOs in the field of interethnic and interfaith relations"

The organization and conduct, in conjunction with the Ministry of Natural Resources and Ecology of the Altai Territory, "Schools of public environmental inspectors". The project is an initiative of the All-Russian Popular Front and the Ministry of Natural Resources of Russia, aimed at training citizens wishing to help in environmental protection. The first students of the school were 33 people - students of the biological faculty of the Altai State University, the participants of the environmental movement "Start with your home" and the team "Molodezhka ONF".

#### **10. Planned project event in 2018:**

R&D aimed at developing the economy, social sphere, preserving the natural uniqueness of the region in the context of ensuring the sustainable development of the Altai Territory in a transboundary space.

#### **Implemented project event from event calendar on 31.12.2018:**

The events planned for the respective year were implemented and the planned results were obtained for research projects supported by joint grants from the Russian Foundation for Basic Research (RGNF) and the Government of the Altai Territory:

- Study of the socio-economic development of the Altai Territory in various periods of economic instability;
- Development of a concept for the production of organic products on unused arable and fallow lands;
- Formation of the concept of creation and development of agroclusters in the production and processing of organic products in the agricultural regions of the country (on the materials of the Altai Territory);



- Effects of development of border regions in the context of the integration of the economies of the Eurasian Economic Community countries;
- Study of social and environmental determination of migration and labor behavior of young people of the Altai Territory;
- The delimitation of geo-cultural space and the cultural and geographical zoning of the Altai-Sayan mountainous country.

**11. Planned project event in 2018:**

Publication of the electronic scientific and periodical journal “Society and Security Insights”.

**Implemented project event from event calendar on 31.12.2018:**

4 issues of the electronic scientific periodical journal “Society and Security Insights” were published.

**12. Planned project event in 2018:**

Conducting independent assessments of the social climate, migration and ethno-religious situation, the state of interethnic relations and the social well-being of civil society in the Altai Territory from the standpoint of sustainable development of the region in a cross-border space and ensuring regional social security.

**Implemented project event from event calendar on 31.12.2018:**

Sociological measurement (with the necessary interpretation of the data obtained) of migration processes in the Republic of Kazakhstan and border regions of the Russian Federation (Altai Territory) from the standpoint of threats to social security has been carried out.

Assessment of interethnic relations and national policies in the Altai Territory from the standpoint of sustainable development of the region and ensuring its social security in the interethnic projection

Assessment of institutional and interpersonal trust as a social capital for the development of civil society in the Altai Territory.

**Information on the performance indicators of the strategic project achieved in 2018:**

<b>№</b>	<b>Indicator</b>	<b>Unit of measurement</b>	<b>Planned value of target indicator for 2018</b>	<b>The achieved target value as of December 31, 2018</b>	<b>% of achievement of the planned value for 2018</b>	<b>Description of the reasons for the deviation between the planned and predicted values</b>
1	R & D aimed at developing the economy, social sphere, preserving the natural uniqueness of the region in the context of ensuring the sustainable development of the Altai Territory in a cross-border space (either initiated or ordered by the authorities, the business community, etc.	people	9	10	111.11	
2	Annual analytic monitoring and sociological research on problems social development of the region, assessment of the quality and accessibility of state and municipal services	units	3	3	100.00	
3	Projects promoting Altai goods and services to new regional markets, adjacent markets, including by entering into global value chains	units	2	2	100.00	
4	University events	units	4	5	125.00	

	whose topics are consistent with the sustainable development of the Altai Territory					
5	Prepared conclusions on expert-analytical evaluation of draft documents of strategic development and strategic planning	Units	1	2	200.00	
6	Model territories (municipalities of the region) where the measures of the sustainable development project were implemented	units	3	4	133.33	
7	Enterprises and organizations of the Altai Territory, which consulting support was provided in areas corresponding to the main project idea	units	6	7	116.67	
8	Educational programs (including in the field of additional vocational education), in which courses and disciplines are taught, based on the idea of sustainable development of territories	units	30	30	100.00	
9	Activities for school and university students sustainable development of territories in a transboundary space, the number of participants	units	30	33	110.00	

10	Publication of an electronic scientific journal on the subject of the project	units	1	1	100.00	
11	Publications on the subject of the project in publications, indexed in Russian and international information and analytical systems of scientific citation (Web of Science, Scopus, ERIH, RISC)	units	15	17	113.33	