

Directions of ecological business development in the regional economic system

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Abstract. Today, the development of ecological entrepreneurship is a demand of the times, and it depends on the production potential of the regions. The most important aspect of the regions is its economic system, which focuses on the ecological aspects of the development of entrepreneurship, which is determined by the importance of the development of ecological entrepreneurship. These issues are directly reflected in this article written by the authors, in which Khorezm region was chosen as the object of research. Also, in the article, a SWOT-analysis of the development of ecological entrepreneurship in the region was carried out, by carrying out this analysis, priority directions for the wide development of ecological entrepreneurship in the region were proposed, and this allows for the development of plans and programs aimed at the future development of the region.

Key words: Region, economic system, ecological entrepreneurship, environment, strategy, SWOT-analysis.

1 Introduction

The most important goal of modernizing the national economy in the world is to determine the factors of ensuring the stability of regional development. According to experts, today 23 % of the world's extracted and consumed resources in the character of products, while the remaining parts are returned to the environment as waste, leading to a change in the ecological characteristics [1]. In the process of global changes in the world, scientific paper is carried out on the sustainable development of the region, their interaction with economic and environmental factors. Structural changes, which provide the effective use of the existing natural and economic potential of regions, put environmental and economic factors in the forefront in improving the efficiency of territorial production systems, and also entail the development of environmental entrepreneurship aimed at forming an impressive regional environmental policy.

As an important direction in the construction of a new Uzbekistan, the complex development of Regions, the focus on environmental factors in predicting sustainable economic growth, the sharp increase in their share in the structure of the gross domestic product are among the priority areas. As President of The Republic Of Uzbekistan noted in his speech at the joint session of the chambers of the House of Commons on the occasion of

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his solemn inauguration, “the situation with the construction of the Aral Sea is becoming more and more tense. In this regard, it is necessary to carry out systemic and comprehensive measures to bring the resolution of the United Nations General Assembly to life to declare the island as an area of environmental innovation and technology. It is also necessary to accelerate the activity towards the development of the world ecology charter, aimed at establishing the foundations of the new environmental policy of the United Nations” [2].

Also in the strategy of action on the five priorities for the development of the Republic of Uzbekistan in 2017-2021 “...to take systematic measures to mitigate the negative impact of global climate changes and Aral Sea construction on agricultural development and lifestyle of the population” [3]. These issues are relevant today.

2 Material and methods

A number of methods are widely used in order to develop ecological entrepreneurship in the economic system of the region.

At the 2000 UN summit, dedicated to the problems and prospects of the third millennium, the declaration “Development Goals of the Millennium”, aimed at improving the socio-economic situation and environmental conditions of the world's population, was adopted. One of its main principles is to guide the recommendations and bring out the possibilities of sustainable development of countries [4].

In fact prevent harmful effects on the environment, the emergence of new innovative entities in the economic system of the region, a direct transition to sustainable development, and the widespread use of environmental entrepreneurship, which in some sources is called the "green economy", are an urgent measure.

It is necessary to develop measures aimed at increasing the environmental awareness and culture of the population, reflecting the component that represents the environmental harm of the product on the packaging of manufactured products. One of the main conditions of a market economy in this regard is its direct connection with the success of overcoming one or another environmental problem with the help of entrepreneurial activity.

The problem of creating a mechanism for environmental entrepreneurship is expressed in determining a sufficient level of financial resource. The state budget can be considered one of the permanent sources of financing. The introduction of a “sustainable development tax” in the category of indirect taxes in order to prevent the severe environmental economic conditions for the survival of the environment to the next generations from being left as inheritance should be considered as the main source of financial support for environmental entrepreneurship.

The use of ecological business in this region can additionally create 30-35 new jobs in at least each district, reduce the level of environmental pollution by 20-25%. In addition, construction materials, fuel products and paper products have been produced.

The main emphasis is placed on such priorities as liberalization of the territory's economic system, macroeconomic stability and consistent economic growth, implementation of structural changes, formation of a multi-axis economy, ensuring the leading position of private property in it, strengthening the system of foreign economic activity and environmental sustainability. In the opinion of some scientists, there is no clear definition of the concept of “territory”. In this regard, some foreign scientists include in the territory a group of bordering countries, ranging from existing systems of different sizes, that is, planetary climatic zones, to systems with different objects (natural, economic, administrative, historical-cultural, etc.) and small cities in Area [5]. Essential carry out a comprehensive assessment on the main components of sustainable development (economic, social, innovative, environmental and institutional), which requires developments corresponding to

the system of criteria for determining sustainable development of the territory's economic system [6].

3 Results

It is necessary to prevent various economic consequences, taking into account the strategies to ensure the stability of the development of ecological entrepreneurship in the region [7].

Through the strategy, it serves as an important link for the development of various measures, regional and local development programs, plans.

To assess the extent to which the development of the socio-economic development strategy of the Khorezm region is aimed at taking into account the impact of environmental entrepreneurship, surveys were carried out between economic entities, local government bodies and heads of organizations in the field of social, nature protection. According to the results, heads of local bodies, heads of economic entities approved the need to develop the proposed strategy, and the rest of the heads, unfortunately, rejected it.

In this, more than 17.0 % of the heads of local government bodies and 19.2 % of the heads of economic entities believed that it was not enough to develop a regional strategy for the formation of sustainable socio-economic development programs of the region.

The development of ecological entrepreneurship is a criterion of economic prosperity in our republic and allows the development of the economic system. The main types of ecological entrepreneurship can be conditionally analyzed in the form of the following scheme (Figure 1).

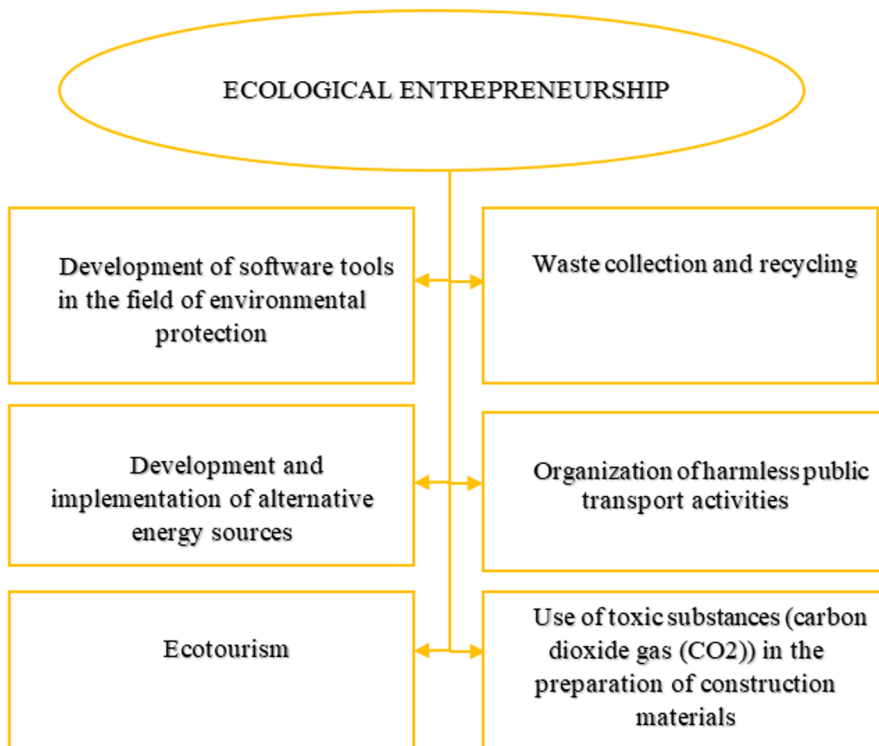


Fig. 1. Ecological business elements

Taking into account the existing possibilities of ecological entrepreneurship, we effectively used the SWOT analysis method, which shows the socio-economic development

of the territory of Khorezm region. Analyzes made taking into account external threats and opportunities with the existing advantages of the region, that is, its internal capabilities (its strengths and weaknesses), will become the basis for creating a strategy for the development of the region (Table 1).

Table 1. SWOT-analysis of socio-economic development of Khorezm region based on the opportunity of ecological entrepreneurship

I. Strengths:	II. Weaknesses:
<ul style="list-style-type: none"> - availability of historical and cultural heritage objects for business; - the number of cocktail resources; - high level of workforce; - development of agricultural products in sufficient volume for deep processing; - development of irrigation system and agricultural technologies; 	<ul style="list-style-type: none"> complicated ecological situation; - salinity level of soil and water bodies; - low innovation and investment activity; - lack of deep processing of agricultural products; - the negative impact of the pandemic on the industry
III. Opportunities:	IV. Threats:
<ul style="list-style-type: none"> - formation of clusters for the development of entrepreneurial forms; - introduction of deep processing technologies of agricultural products; - connection to the "North-South" and "New Silk Road" global transport systems; - development of folk crafts; - attracting the attention of international environmental organizations 	<ul style="list-style-type: none"> - dependence of agriculture on interstate water distribution; - decrease in productivity of irrigated lands due to salinity; - increase of diseases related to consumption of poor quality drinking water among the population; - hidden unemployment; - technological backwardness due to the obsolescence of the main production funds

The development of ecological entrepreneurship requires the analysis of factors affecting it. This creates great opportunities for the formation of the idea of eco-entrepreneurship and creates the basis for the wide development of the industry. That is, it contributes to increasing the efficiency of production of products in the regions, increasing the scale of production of environmentally safe products and reducing the impact of environmental factors on the environment. For this, it is desirable to ensure the interaction of horizontal relations in the form of "science-production-business".

4 Discussion

The development of environmental entrepreneurship in the regional economic system is considered as research. Its purpose is different district. In particular, it is characterized by a broad interpretation of the concept of "green business", as well as the application of "green" ideas to business activities in the countries of the world [8]. The development of environmental entrepreneurship depends very much on many factors, including: the development of digital technologies [9-11] and digital transformation of the state and public administration [12-15], import substitution of innovations and technological developments [16], sustainable development of eco-tourism [17], business competitiveness and technological development of enterprises [18-20], support for small and medium-sized businesses [21-24], the impact of international migration [25], greening of retail trade [26],

assessment of economic security of the region [27, 28], improvement of the organizational and economic mechanism of innovative development [29], grant support and analysis of its effectiveness [30, 31], economic and environmental aspects of the use of new technologies [32, 33], forecasting of socio-economic development [34] and other aspects. Many studies have been conducted on the wide development of ecological entrepreneurship in terms of the development of economic systems, in which solutions to environmental problems have been achieved, new ideas have been proposed, and these approaches are applied to regions. In this regard, the development of environmental entrepreneurship is considered as an important direction in Khorezm region.

5 Conclusions

In general, the development of foreign cooperation relations in the higher In the sustainable development of the economic system of the Khorezm region, it is necessary to find the factors affecting the system, in particular, to find innovative methods of production, to determine the priority of developing ecological entrepreneurship along with small and medium-sized business activities. In this regard, this research aims to improve the living conditions of the population through environmental protection, increase the standard of living and macroeconomic aspects of modeling the development of regional processes, and provides a systematic-structural model and data that allows for the provision of the ecological environment with the help of generalizing aggregate indicators. based on the development of the base.

The conclusion is that the development of ecological entrepreneurship in the economic system allows for extensive research of socio-economic factors and conditions of the region, effective use of the existing opportunities of entrepreneurship, and the increase of the number of ecological enterprises and providing employment to the population. As a result, the economic potential of the region will increase and new economic opportunities will expand. Through this, the role of the region in the economy of the country will develop and the production opportunities of ecological enterprises will expand.

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