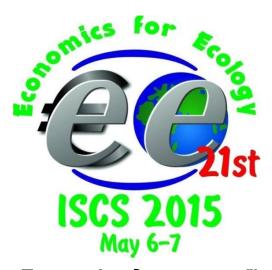
Provided by SocioEconomic Challenges Journal (Sumy State University)

Ministry of Education and Science of Ukraine Sumy State University. Faculty of Economics and Management Sumy Local Youth NGO "Council of Young Scientists"

## 21st International Scientific Conference "Economics for Ecology" ISCS'2015



## Економіка для екології

Матеріали XXI Міжнародної наукової конференції (Україна, Суми, 6-7 травня 2015 року)

> Суми Сумський державний університет 2015

## THE ASSESSMENT OF GREEN POTENTIAL OF THE REGION DEVELOPMENT<sup>1</sup>

## Olena Shkarupa, Anton Tolbatov, Ivan Burych Sumy State University, Sumy, Ukraine

In the informational society and transformational changes in the economy there is a need in the personalities and ways of making decisions that have the ability to self-development, have an unusual approach and can make a new quality in social and economic life of society. The term "creative" denotes creativity, which "not only put forward the idea, but also brings them to the practical results." In English literature, as a rule, the term «creativity» represent all that is directly related to the creation of something new, the actual process of the creation; product of this process, its subject; the circumstances in which the creative process runs; factors that cause it.

In our opinion, in a revitalization of global processes and the corresponding transformation of economic systems, innovative concept of social development requires an understanding of creativity as the driving force of the post-industrial economy. That is why it is vital to ensure the creative business potential in the regions and cities, which are the main centers of economic life that will enhance their investment attractiveness, efficiency of operation, attracting highly qualified professionals and improve the quality of life in general.

We evaluated the performance of green potential in the period of 2011-2014 in Sumy region. As a whole the trend is positive, especially in terms of green tourist attraction (it increased by almost 2 times), indicating that the strategic opportunities for enhancing the competitiveness of the region and gives reason to believe Sumy region promising region in terms of its ecological oriented creative potential.

<sup>&</sup>lt;sup>1</sup>This material was prepared while performing scientific research #0111U003564

In order to develop innovative directions in ecological oriented transformation of socio-economic system in Sumy region we have made analytical studies. With the help of SWOT-analysis we identified strengths of the region, such as the relative environmental friendliness, the potential for economic development, a high level of education, the creative potential of the staff of enterprises. Among the weaknesses - the outflow of labor resources, significant deterioration of infrastructure, the lack of a coherent program of advertising the city and the region, the corruption of power, lack of a clear program of regional strategic development, etc. In order to improve the capacity of green creativity is determined by the position of the territorial formation of a bright brand in order to attract both domestic and foreign investment to improve the economic well-being of the region.

It should be noted that emissions of air pollutants and wastewater discharges into waters area is less than 1% of total emissions in Ukraine. Sumy is also rich in natural resources. A real gem of a nature reserve Mikhaylovskaya tselina. Overall, 6.6% of the territory is reserve fund, 19% - forest. In addition, Sumy has a great historical socio-economic experience. In the beginning of the last century, there existed a real, by today's standards, eco polis, where the organic farming was predominant - Neplyuy brotherhood on the territory of the Yampol district. Thus, Sumy can become an incubator of goods and services for environmental purposes, the priority areas of production which should be the agrarian sphere, green energy and construction, eco-tourism.

As the result of evaluation and theoretical justification of features of the green potential in the regional strategic development, it was found that the backbone factor of the region is the creative potential, which is based on the creative industries and the creative class - workers of enterprises that create intangible assets, bringing tangible benefits - new ideas and technologies, i. e. maintain the current level of production and services, including environmental ones.

SWOT- analysis of green potential of Sumy region

• The existing potential of innovative development • The high level of education of the population • The creative potential of enterprise personnel • The relative environmental cleanliness • Beautiful nature and landscapes • Availability of vacant of market niches, scope for business development • Development of high enough quality masmedia and ensure freedom of speech  Opportunities • Major the agrarian possibilities e Development of industrial parks • Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil • Creation the potential of the brand – "green oasis"  • The existing potential of industrial of innovative development • Instability and unpredictability in politics • The lack of a unified strategy of regional development • Insufficient business information • Lack of development of the third sector (unions, business associations, non-governmental organizations) • Lack of structures that would be engaged in the creation and promotion of green image • Substantial deterioration of infrastructure • Lack of motivation to promote the brand of Sumy region  Threats • The slow change of mentality of residents of territorial communities • The imperfection of the executive of the sphere of authority • Unsuccessful examples of foreign investments in Sumy region • High migration • The aggressive competition • Depreciation of infrastructure and communications	SWOT- analysis of green potential of Sumy region	
innovative development  • The high level of education of the population  • The creative potential of enterprise personnel • The relative environmental cleanliness  • Beautiful nature and landscapes  • Availability of vacant of market niches, scope for business development  • Development of high enough quality masmedia and ensure freedom of speech  • Major the agrarian possibilities  • Development of industrial parks  • Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil  • Creation of the green regional structure  • Creation the potential of the brand – "green oasis"  politics • The lack of a unified strategy of regional development  • Insufficient business information  • Lack of development of the third sector (unions, business associations, non-governmental organizations)  • Lack of structures that would be engaged in the creation and promotion of green image  • Substantial deterioration of infrastructure • Lack of motivation to promote the brand of Sumy region  • Threats  • The slow change of mentality of residents of territorial communities  • The imperfection of the executive of the sphere of authority  • Unsuccessful examples of foreign investments in Sumy region  • High mortality rates  • High migration • The aggressive competition • Depreciation of	Strengths	Weaknesses
<ul> <li>The high level of education of the population</li> <li>The creative potential of enterprise personnel • The relative environmental cleanliness</li> <li>Beautiful nature and landscapes</li> <li>Availability of vacant of market niches, scope for business development</li> <li>Development of high enough quality masmedia and ensure freedom of speech</li> <li>Major the agrarian possibilities</li> <li>Development of industrial parks</li> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>strategy of regional development</li> <li>Insufficient business information</li> <li>Lack of development of the third sector (unions, business associations, non-governmental organizations)</li> <li>Lack of structures that would be engaged in the creation and promotion of green image</li> <li>Substantial deterioration of infrastructure • Lack of motivation to promote the brand of Sumy region</li> <li>Threats</li> <li>The slow change of mentality of residents of territorial communities</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition of</li> </ul>	• The existing potential of	Instability and unpredictability in
<ul> <li>the population</li> <li>The creative potential of enterprise personnel • The relative environmental cleanliness</li> <li>Beautiful nature and landscapes</li> <li>Availability of vacant of market niches, scope for business development</li> <li>Development of high enough quality masmedia and ensure freedom of speech</li> <li>Major the agrarian possibilities</li> <li>Development of industrial parks</li> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>Insufficient business information</li> <li>Lack of development of the third sector (unions, business associations, non-governmental organizations)</li> <li>Lack of structures that would be engaged in the creation and promotion of green image</li> <li>Substantial deterioration of infrastructure • Lack of motivation to promote the brand of Sumy region</li> <li>Threats</li> <li>The slow change of mentality of residents of territorial communities</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition • Depreciation of</li> </ul>	innovative development	politics • The lack of a unified
<ul> <li>The creative potential of enterprise personnel • The relative environmental cleanliness</li> <li>Beautiful nature and landscapes</li> <li>Availability of vacant of market niches, scope for business development</li> <li>Development of high enough quality masmedia and ensure freedom of speech</li> <li>Major the agrarian possibilities</li> <li>Development of industrial parks</li> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>Lack of development of the third sector (unions, business associations, non-governmental organizations)</li> <li>Lack of structures that would be engaged in the creation and promotion of green image</li> <li>Substantial deterioration of infrastructure • Lack of motivation to promote the brand of Sumy region</li> <li>The slow change of mentality of residents of territorial communities</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High migration • The aggressive competition of</li> </ul>	• The high level of education of	strategy of regional development
enterprise personnel • The relative environmental cleanliness • Beautiful nature and landscapes • Availability of vacant of market niches, scope for business development • Development of high enough quality masmedia and ensure freedom of speech  Opportunities • Major the agrarian possibilities • Development of industrial parks • Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil • Creation of the green regional structure • Creation the potential of the brand – "green oasis"  sector (unions, business associations, non-governmental organizations) • Lack of structures that would be engaged in the creation and promotion of green image • Substantial deterioration of infrastructure • Lack of motivation to promote the brand of Sumy region  • Threats • The slow change of mentality of residents of territorial communities • The imperfection of the executive of the sphere of authority • Unsuccessful examples of foreign investments in Sumy region • High migration • The aggressive competition • Depreciation of	the population	• Insufficient business information
relative environmental cleanliness  • Beautiful nature and landscapes • Availability of vacant of market niches, scope for business development • Development of high enough quality masmedia and ensure freedom of speech  • Major the agrarian possibilities • Development of industrial parks • Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil • Creation of the green regional structure • Creation the potential of the brand – "green oasis"  • Beautiful nature and landscapes organizations) • Lack of structures that would be engaged in the creation and promotion of green image • Substantial deterioration of infrastructure • Lack of motivation to promote the brand of Sumy region  • Threats • The slow change of mentality of residents of territorial communities • The imperfection of the executive of the sphere of authority • Unsuccessful examples of foreign investments in Sumy region • High mortality rates • Difficult customs procedures • High migration • The aggressive competition • Depreciation of	• The creative potential of	Lack of development of the third
cleanliness  • Beautiful nature and landscapes  • Availability of vacant of market niches, scope for business development  • Development of high enough quality masmedia and ensure freedom of speech  • Major the agrarian possibilities  • Major the agrarian possibilities  • Development of industrial parks  • Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil  • Creation of the green regional structure  • Creation the potential of the brand – "green oasis"  organizations)  • Lack of structures that would be engaged in the creation and promotion of green image  • Substantial deterioration of infrastructure  • Threats  • The slow change of mentality of residents of territorial communities  • The imperfection of the executive of the sphere of authority  • Unsuccessful examples of foreign investments in Sumy region  • High mortality rates  • High migration • The aggressive competition  • Depreciation of	enterprise personnel • The	sector (unions, business
<ul> <li>Beautiful nature and landscapes</li> <li>Availability of vacant of market niches, scope for business development</li> <li>Development of high enough quality masmedia and ensure freedom of speech</li> <li>Major the agrarian possibilities</li> <li>Development of industrial parks</li> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand - "green oasis"</li> <li>Lack of structures that would be engaged in the creation and promotion of green image</li> <li>Substantial deterioration of infrastructure • Lack of motivation to promote the brand of Sumy region</li> <li>The slow change of mentality of residents of territorial communities</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition • Depreciation of</li> </ul>	relative environmental	associations, non-governmental
<ul> <li>Availability of vacant of market niches, scope for business development</li> <li>Development of high enough quality masmedia and ensure freedom of speech</li> <li>Opportunities</li> <li>Major the agrarian possibilities</li> <li>Development of industrial parks</li> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>engaged in the creation and promotion of green image</li> <li>Substantial deterioration of infrastructure</li> <li>Threats</li> <li>The slow change of mentality of residents of territorial communities</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration</li> <li>The aggressive competition</li> <li>Depreciation of</li> </ul>	cleanliness	organizations)
niches, scope for business development  Development of high enough quality masmedia and ensure freedom of speech  Opportunities  Major the agrarian possibilities Development of industrial parks  Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil Creation of the green regional structure  Creation the potential of the brand – "green oasis"  promotion of green image  Substantial deterioration of infrastructure  Threats  Threats  The slow change of mentality of residents of territorial communities  The imperfection of the executive of the sphere of authority  Unsuccessful examples of foreign investments in Sumy region  High mortality rates  Difficult customs procedures  High migration • The aggressive competition • Depreciation of	<ul> <li>Beautiful nature and landscapes</li> </ul>	• Lack of structures that would be
<ul> <li>Development of high enough quality masmedia and ensure freedom of speech</li> <li>Opportunities</li> <li>Major the agrarian possibilities</li> <li>Development of industrial parks</li> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>Substantial deterioration of infrastructure • Lack of motivation to promote the brand of Sumy region</li> <li>The slow change of mentality of residents of territorial communities</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition • Depreciation of</li> </ul>	<ul> <li>Availability of vacant of market</li> </ul>	engaged in the creation and
<ul> <li>Development of high enough quality masmedia and ensure freedom of speech</li> <li>Opportunities</li> <li>Major the agrarian possibilities</li> <li>Development of industrial parks</li> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>infrastructure • Lack of motivation to promote the brand of Sumy region</li> <li>The slow change of mentality of residents of territorial communities</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition • Depreciation of</li> </ul>	niches, scope for business	promotion of green image
quality masmedia and ensure freedom of speech  Opportunities  Major the agrarian possibilities Development of industrial parks  Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil Creation of the green regional structure  Creation the potential of the brand of Sumy region  Threats  The slow change of mentality of residents of territorial communities  The imperfection of the executive of the sphere of authority  Unsuccessful examples of foreign investments in Sumy region  High mortality rates  Difficult customs procedures  High migration  High migration  Threats  Threats  Threats  Threats  The slow change of mentality of residents of territorial communities  The imperfection of the executive of the sphere of authority  Unsuccessful examples of foreign investments in Sumy region  High mortality rates  Difficult customs procedures  High migration  Threats	development	Substantial deterioration of
Threats  • Major the agrarian possibilities • Development of industrial parks • Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil • Creation of the green regional structure • Creation the potential of the brand – "green oasis"  region  • Threats • The slow change of mentality of residents of territorial communities • The imperfection of the executive of the sphere of authority • Unsuccessful examples of foreign investments in Sumy region • High mortality rates • Difficult customs procedures • High migration • The aggressive competition • Depreciation of	• Development of high enough	
• Major the agrarian possibilities • Development of industrial parks • Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil • Creation of the green regional structure • Creation the potential of the brand – "green oasis"  • The slow change of mentality of residents of territorial communities • The imperfection of the executive of the sphere of authority • Unsuccessful examples of foreign investments in Sumy region • High mortality rates • Difficult customs procedures • High migration • The aggressive competition • Depreciation of	quality masmedia and ensure	to promote the brand of Sumy
<ul> <li>Major the agrarian possibilities</li> <li>Development of industrial parks</li> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>The slow change of mentality of residents of territorial communities</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition • Depreciation of</li> </ul>	freedom of speech	region
<ul> <li>Development of industrial parks</li> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition</li> <li>Depreciation of</li> </ul>		
<ul> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>The imperfection of the executive of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition</li> <li>Depreciation of</li> </ul>	<ul> <li>Major the agrarian possibilities</li> </ul>	• The slow change of mentality of
<ul> <li>Using the oil and gas in the region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>of the sphere of authority</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition</li> <li>Depreciation of</li> </ul>	<ul> <li>Development of industrial</li> </ul>	residents of territorial communities
<ul> <li>region, which produces more than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>Unsuccessful examples of foreign investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition • Depreciation of</li> </ul>	parks	The imperfection of the executive
<ul> <li>than 40% of the Ukrainian oil</li> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>investments in Sumy region</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition</li> <li>Depreciation of</li> </ul>	• Using the oil and gas in the	
<ul> <li>Creation of the green regional structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>High mortality rates</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition</li> <li>Depreciation of</li> </ul>		• Unsuccessful examples of foreign
<ul> <li>Structure</li> <li>Creation the potential of the brand – "green oasis"</li> <li>Difficult customs procedures</li> <li>High migration • The aggressive competition</li> <li>Depreciation of</li> </ul>	than 40% of the Ukrainian oil	investments in Sumy region
• Creation the potential of the brand – "green oasis"  • High migration • The aggressive competition • Depreciation of	• Creation of the green regional	
brand – "green oasis" competition • Depreciation of	structure	
infrastructure and communications	brand – "green oasis"	
		infrastructure and communications