JEL Classification: F02,F15,R11,Q57

DOI: http://doi.org/10.34025/2310-8185-2021-4.88.01

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ANALYSIS OF THE ESSENCE AND CONTENT OF CONVERGENCE PROCESSES TAKING INTO ACCOUNT THE ECOLOGICAL COMPONENT

Summary

The European Union is based on economic, social and territorial unity, as well as on balanced economic growth and convergence. As the European Foundation for the Improvement of Living and Working Conditions points out: "convergence trends between member states have been achieved in recent decades in both economic and social dimensions". After adoption of the "Europe 2020" strategy by the European Council in 2010, as well as of the European Green Deal, great attention have been paid to environmental problems in the development of the member countries. These strategies emphasize the need for joint actions by member states in the direction of sustainable development. Today, the governments of countries, politicians, scientists, public organizations and other interested parties are searching for effective ways of economic growth, taking into account the listed planetary and ecological limits, as well as its ecological consequences, which actualizes the teaching of ecological and economic growth.

The purpose of the article is to define the conceptual foundations of ecological and economic convergence.

The article examines a set of countries (regions) that are members of the so-called "convergence club". The indicator of CO2 emissions in these countries is highlighted, which reflects only a part of the cumulative consequences that are the result of extensive energy consumption. Ecological and economic convergence is analyzed, namely the analysis of foreign sources. The author proposed the ways to solve the issues of absolute and relative unevenness of development, as well as their comparison. It was confirmed that if a country (region) with a lower level of socio-economic development tries to get closer to the corresponding level of a leading country (region), then the standard of living in the first one will increase, and the gap between countries (regions) will also decrease. And corresponding growth in real income per capita will take place in the "lagging" countries.

Keywords: convergence, sustainable development, integration, social development, economic development.

Number of sources - 18, number of tables - 1.

References:

- 1. Kuznets, Simon (1973). Population, Capital, and Growth: Selected Essays. New York: Norton.
- 2. Abramovitz, Moses (1986); Catching Up, Forg (1992). Interpreting Tests of the Coning Ahead, and Falling Behind. *Journal of vergence Hypothesis*. Paper, Stanford Uni-Economic History no. 46, pp. 385-406.
- 3. Gerschenkron, Alexander (1952). Economic Backwardness in Historical Perspective. In: *Bert F. Hoselitz, ed. The Progress of Underdeveloped Areas.* Chicago: University of Chicago Press, pp. 3-29.
- 4. Lepeiko, T.I., Liulov, O.V., Denysenko, P.A. (2017). Economic and ecological potential of convergence of regional development of Ukraine. *Mekhanizm rehuliuvannia ekonomiky [Economy Regulation Mechanism]*, no. 4, pp. 176-182 (in Ukr.).
- 5. Kubatko, O.V. (2009). Ecological and economic convergence of regions as a direction of ensuring sustainable development. *Ekonomika ta derzhava [Economy and the State]*, no. 9, pp. 45-48 (in Ukr.).
- 6. Kharlamova, H. (2013). Ecological and economic convergence: transition to sustainable energy. *Visnyk Kyivskoho natsionalnoho universytetu im. Tarasa Shevchenka. Seriia: Ekonomika [Bulletin of Taras Shevchenko National University of Kyiv. Economics]*, issue 150, pp. 44-49 (in Ukr.).
- 7. Marekha, I.S. (2017). European integration contours of ecological taxation. *Ukraina ta YeS: mozhlyvosti ta perspektyvy spivpratsi: zbirnyk materialiv, dopovidei Internet-konferentsii v ramkakh proektu «Kafedra Zhana Mone*

«Analiz ta zastosuvannia yevropeiskoho dosvidu demokratii ta nalezhnoho vriaduvannia v Ukraini» [Ukraine and the EU: opportunities and prospects for cooperation: a collection of materials, reports of the Internet conference within the framework of the Jean Monnet Chair "Analysis and application of the European experience of democracy and good governance in Ukraine" project], Mariupol, May 18-19, 2017. DonDUU, Mariupol (in Ukr.).

- 8. Stern, D.I. (2004). The Rise and Fall of the Environmental Kuznets Curve. *World Development,* no. 8 (32), pp. 1419–1439.
- 9. Solow, R. (1956). A Contribution to the Theory of Economic Growth. *The Quarterly Journal of Economic*, February, no. 70, pp. 65-94.
- 10. Swan, Trevor W. (1956). Economic Growth and Capital Accumulation. *Economic Record,* November, no. 32, pp. 334-361.
 - 11. Myrdal, G. (1957). Economic theory and underdeveloped regions. Duckworth, London.
 - 12. Perroux, F. (1950). Economic space, theory and applications. Econ, no. 64(1), pp. 89-104.
 - 13. Perroux, F. (1955). Note sur la notion de po^le de croissance. Econ Appliq, no. 7, pp. 307-320.
 - 14. Kaldor, N. (1967). Strategic factors in economic development. Ithaca, New York.
 - 15. Kaldor, N. (1970). The case for regional policies. *Econ*, no. 17(3), pp. 337-348.
 - 16. Kaldor, N. (1972). The irrelevance of equilibrium economics. Econ J, no. 82(328), pp. 1237–1255.
 - 17. Maddison, Angus (1982). Phases of Capitalist Development. Oxford University Press,. Oxford.
- 18. Summers, R., and Heston, A. (1988). A New Set of International Comparisons of Real Product and Price Levels: Estimates for 130 Countries. *Review of Income and Wealth*, no. 34, pp. 1-25.