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INNOVATIVE DEVELOPMENT OF THE NATIONAL ECONOMY: PROBLEMS DIAGNOSTICS, ACTIVATION LEVERAGE

OIha O. NAGORNA

Candidate of Science in Economics, Associate Professor, Deputy Director for Scientific Work, State Enterprise "Ukrainian Research and Training Center of Standardization, Certification and Quality", Kyiv

Summary. The essence of the concept of innovative development of national economy is described and the role of standardization in innovative processes is shown in the article. The author has proved the

necessity of improvement of the standardization system of Ukraine as an element of innovation infrastructure.

Key words: *innovations, innovative enterprise, innovative economy, innovative development, innovation infrastructure, international standards, technical Committee.*

The essence of the "innovation development of national economics" concept and the role of standardization in the innovation processes are considered in the article. The system of technical regulation is attributed to innovation infrastructure and determined as the most efficient element of the infrastructure on the basis of the definition of innovation infrastructure as a complex of enterprises, organizations providing services of innovation activity. Its modernization will ensure the integration of Ukraine economics into the global economics by reducing technical barriers. More intense competition putting Ukraine on the brink of extinction will be the most essential instrument of manufacturing application of science and technology achievements. The reform of standard system is found to be an important lever for activating innovation process in the country. The harmonization of international, European, interstate standards in the field of high technologies should become a priority innovation project in Ukraine.

The examples of innovation technologies of "the use of bar codes", "Programming Language C" show the cases when international standardization lagged behind the processes of manufacturing implementation in the sphere of high technologies. Conversely, the example of "cloud computation" technology gave a unique experience of the fruitful cooperation of standardization system, state and private sector showing the ways of the fast implementation of innovation technologies into the standardization sphere and the possibilities of "preemptive" development of standardization. International and regional standards are found to be powerful tools for spreading innova-

tion technologies; it is harmonization of Ukrainian standards with them that will give an opportunity for Ukraine to overcome a significant lag in the field of high technologies. Ukraine should establish a technical committee – "mirror" one to the Technical Committee of CEN / TC 389 "Management in the field of innovation activity" and direct efforts to improve the system of technical regulation in the process of creating National Organ of Standardization.

Weak point of Ukrainian standardization is the lack of the sufficient number of experts. Creation of a national standardization body needs to develop a model that would allow to involve leading specialists as experts on a contract basis not only from scientific community but also from business structures.

"Public Council" involving the managers of "Terminological Commissions" should be established within National B of Standardization. "Terminological Commissions" are the groups of specialists-volunteers in NOS including outstanding scientists, technicians, and the representatives of leading business structures. The working groups may be created from the specialists of terminological commissions, which will be able to estimate the prospects of standardization directions determined by the terminological commissions on the commercial basis. The proposed measures are aimed primarily at the creation of the national system of standardization that will be flexible allowing Ukrainian economics to implement innovation technologies actively and to take an active part in the international and regional standardization in the field of high technologies.

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