
Innovations as the basis for the growing competitiveness of the national economy

© I.V. Dolgova¹, Ye.V. Shkarpetina²,
F.M. Urumova³, T.A. Sysoyeva⁴

¹ Bauman Moscow State Technical University, Moscow, 105005, Russia

² Siberian Federal University, Krasnoyarsk, 660064, Russia

³ Academy of Social Management, Moscow, 129344, Russia

This paper continues the series of articles devoted to the scientific concept that in the conditions of economic globalization the development of national economies is a new type of competition which is called "the quality competition". We push out a message that innovations are the basis for the national economy competitiveness growth. The article explains the notion of innovative economy and shows the purposes and priority activities of the state innovative strategy. We introduce the factors necessary for creating the innovative economy such as the human factor (corporate staff vocational training and commitment), the measures undertaken by the government to create conditions favorable for promoting innovations, and the business which the export of domestic production to the world markets depends on. The prospects for the development of innovative economy in Russia are shown through the example of such branches as microelectronics, radio electronics, machine tool and aircraft industries. We provide the recommendations for creating the innovative system basis which can become the leading technical universities including Bauman Moscow State Technical University. It is concluded that one of the most important factors of competitiveness at the national level is ensuring the productivity based on innovations. These innovations are realized via the entrepreneurial business as the stimulus to social progress.

Keywords: globalization, competition, national economy, competition of quality, innovation, competitive advantages, ecological program, human factor, machine tool industry, radio electronics

REFERENCES

- [1] Dolgova I.V., Shkarpetina Ye.V., Lobachyova E.N. *Gumanitarnyy vestnik — Humanities Bulletin*, 2017, iss. 5. Available at: <http://dx.doi.org/10.18698/2306-8477-2017-5-437> (accessed May 27, 2017).
 - [2] Dolgova I.V. *Gumanitarnyy vestnik — Humanities Bulletin*, 2015, iss. 11, pp. 1–2. Available at: <http://hmbul.ru/catalog/ecoleg/econom/317.html> (accessed May 27, 2017).
 - [3] Sharipov M.M. *Sovremennyye problemy nauki i obrazovaniya — Modern problems of science and education*, 2014, no. 6. Available at: <http://science-education.ru/ru/article/view?id=16848> (accessed May 27, 2017).
 - [4] Saksina N.N., Babenko S.A. *Perspektivy nauki i obrazovaniya — Perspectives of Science and Education*, 2013, no. 5. Available at: <http://cyberleninka.ru/article/n/aktivnost-personala-kak-faktor-innovatsionnoy-deyatelnosti-predpriyatiya> (accessed May 27, 2017).
 - [5] Tulchinsky G.L. *Korporativnaya sotsialnaya otvetstvennost: tekhnologii i otsenka effektivnosti* [Corporate social responsibility: technologies and efficiency assessment]. Moscow, Urait Publ., 2014, 338 p.
-

- [6] Veterkov V. *Ekologiya i innovatsii* [Ecology and innovation]. Available at: <http://ecamir.ru/experts/Ekologiya-i-innovatsii.html> (accessed May 28, 2017).
- [7] Devlet-Geldy G.K., Myasnikova N.V. *Gumanitarnyy vestnik — Humanities Bulletin*, 2014, iss. 2, pp. 5–6. Available at: <http://hmbul.bmstu.ru/catalog/econom/hidden/165.html> (accessed May 28, 2017).
- [8] Eksport-import vazhneyshikh tovarov za yanvar–sentyabr 2013 goda [Export-import of essential goods in January–September 2013]. *Federalnaya tamozhennaya sluzhba RF* [Federal Customs Service of the Russian Federation]. Available at: http://www.customs.ru/index2.php?option=com_content&view=article&id=18475&emid=1981 (accessed 19 January, 2014).
- [9] Kuznetsova T.I., Ganina G.Ye., Klementyeva S.V. *Gumanitarnyy vestnik — Humanities Bulletin*, 2017, iss. 1. Available at: <http://dx.doi.org/10.18698/2306-8477-2017-1-408> (accessed May 28, 2017).
- [10] Dolgova I.V., Martynov D.S. *Gumanitarnyy vestnik — Humanities Bulletin*, 2016, iss. 3. Available at: <http://dx.doi.org/10.18698/2306-8477-2016-3-352>
- [11] Ferova I.S., Shkarpetina Ye.V., Kozhinova T.V., Shorohov R.G., Tanenkova Ye.N. *Promyshlennyye klasteri i ikh rol v razvitiy promyshlennoy politiki regiona* [Industrial clusters and their role in the development of industrial policy in the region]. Krasnoyarsk, Siberian Federal University Publ., 2013, 248 p.

Dolgova I.V., graduated from Lomonosov Moscow State University, the Faculty of Economics. Cand. Sc. (Econ.), Assoc. Professor of Theoretical Economics Department, Bauman Moscow State Technical University. Co-author of several textbooks on Economics for engineering students, author of the study guides “Basics of Entrepreneurship”, “Introduction to business: a modern course in economic theory”. Author of the curriculum on Economics for the students of the Department of Computer Software and Information Technology as well as the special course of studies “Business ethics and business culture”. Research interests include: small business and the features of its development in Russia, innovative aspects of training engineers and import substitution in the leading industrial sectors. e-mail: irinadolgova60@mail.ru

Shkarpetina E.V., graduated from Lomonosov Moscow State University, the Faculty of Economics. Assist. Professor, Department of Finance, Siberian Federal University, Krasnoyarsk. Author of such special courses of studies as “The stock market”, “The history of the securities market”, “International securities markets”, “Securities transactions”, “The organization of the stock market”. Research interests include financial markets. e-mail: evsh16@mail.ru

Urumova F.M., graduated from Lomonosov Moscow State University, the Faculty of Economics. Dr. Sc. (Econ.), Professor of the Department of Service, Academy of Social Management. Author of over 100 publications, monographs and economic textbooks for graduate and undergraduate students. Research interests include: institutional economy, corporate governance. e-mail: ou_ru@mail.ru

Sysoyeva T.A., graduated from Moscow State University of Economics, Statistics and Informatics (MESI), the Faculty of Economics. Assist. Professor of Economics and Business Department, Bauman Moscow State Technical University. Co-author of several textbooks on Economics for engineering students. Research interests include: innovative technologies, globalization of economic processes, entrepreneurial activity. e-mail: masys99@mail.ru
