

# The Role of Innovation in the Development of Industrial Enterprises Technological Base

V.Yu. Korchak<sup>1,2</sup>, Innovation Technology Center of FSBEI HE Bauman Moscow State Technical University, Russian Academy of Rocket and Artillery Sciences, Prof. Dr. (Ec.), korchak.v@mail.ru

N.S. Efimova<sup>3</sup>, FSBEI HE Moscow Aviation Institute (National Research University) (FSBEI HE MAI), Assoc. Prof. Dr. (Ec.)  
E.V. Surkova<sup>4</sup>, FSBEI HE MAI, Assoc. Prof. PhD (Ec.)

<sup>1</sup> Leading Researcher, Moscow, Russia

<sup>2</sup> Full Member, Moscow, Russia

<sup>3</sup> Professor of Department, Moscow, Russia

<sup>4</sup> Associate Professor of Department, Moscow, Russia

**Citation:** Korchak V.Yu., Efimova N.S., Surkova E.V. The Role of Innovation in the Development of Industrial Enterprises Technological Base, *Kompetentnost' / Competency (Russia)*, 2024, no. 7, pp. 11–15. DOI: 10.24412/1993-8780-2024-7-11-15

## key words

strategic innovation, fundamental and exploratory research, scientific and technological programs, high-tech production, investments

The essence of innovations and their importance for achieving major technological shifts in the domestic economy are shown. The forms of interaction between government, scientific, design, production and business structures in this field are proposed. The authors believe that in the context of increased global competition and the need for the country to enter a new stage of economic and social development, it is necessary to include the results of fundamental and exploratory research more widely in the innovation process, as well as to intensify work on strategic innovations. The authors consider these innovations as a tool for managing the process of gradual transition to high-tech industries. This is important in order to become a seller, not a buyer, of high-tech products on the global market in the future.

## References

1. Schumpeter J. Theory of economic development, Moscow, *Lenand*, 2024.
2. Yakovets Yu.V. Epochal innovations of the XXI century, Moscow, *Ekonomika*, 2004.
3. Borisenkov I.L., etc. Defense scientific groundwork: stages of development, problems of planning and organization of research, ed. by V.Yu. Korchak, Tver', *NII Tsentrprogrammsistem*, 2019.
4. Arkhipenko V.A., *Izvestiya TRTU*, 2006, no. 17(72).
5. Rumyantsev A.A., *Ekonomika i upravlenie*, 2011, no. 6(68).
6. Korchak V.Yu., etc. Military and special robotics: priority areas of development, organization of research and development, ed. by V.Yu. Korchak, Moscow, *Izd-vo MGTU im. N.E. Baumana*, 2023.
7. Skoblyakova I.V., Artyushina E.M., *Innovatsii*, 2006, no. 4(91).
8. Savel'eva A.A., Borkova E.A., *Evraziyskiy Soyuz Uchenykh (ESU)*. Seriya: *Ekonomicheskie nauki*, 2015, no. 5(14).

## НОВАЯ КНИГА

Мерецков О.В., Мансуров Т.Т.

### Техническое регулирование сквозных цифровых технологий в Российской Федерации

Учебно-методическое пособие. — М.: АСМС, 2024

Пособие адресовано широкому кругу читателей, интересующихся вопросами регулирования сквозных цифровых технологий в Российской Федерации. Даётся определение понятия «сквозные цифровые технологии», приводятся примеры таких технологий, рассматривается их взаимосвязь и взаимовлияние, формулируются задания для первичного закрепления материала в учебном процессе.

Пособие рекомендовано к применению в учебном процессе на заседании кафедры «Техническое регулирование на евразийском пространстве» ФГАОУ ДПО АСМС.

По вопросам приобретения обращайтесь по адресу:

Академия стандартизации, метрологии и сертификации (АСМС), 109443, Москва, Волгоградский пр-т, 90, корп. 1.  
Тел. / факс: 8 (499) 742 4643. Факс: 8 (499) 742 5241. E-mail: info@asms.ru

