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**INTERNATIONAL ECONOMIC RELATIONS
AND SUSTAINABLE DEVELOPMENT**

**МІЖНАРОДНІ ЕКОНОМІЧНІ ВІДНОСИНИ
ТА СТАЛИЙ РОЗВИТОК**

**MIEDZYNARODOWE STOSUNKI GOSPODARCZE
I ZRÓWNOWAŻONY ROZWÓJ**

**МЕЖДУНАРОДНЫЕ ЭКОНОМИЧЕСКИЕ ОТНОШЕНИЯ
И УСТОЙЧИВОЕ РАЗВИТИЕ**

Матеріали

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THE UKRAINIAN CHEMICAL INDUSTRY NEEDS TO CHANGE ITS STRATEGIC MODEL

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The chemical industry continues to lose its position as one of the leading segments of the Ukrainian industry. The cumulative output index of the basic chemical products was equal to 0.58 in 2011-2016 (excluding the temporarily occupied territory of Crimea and the antiterrorist operation zone). During this period the foreign trade in chemical products decreased by a factor of 1.8.

The decline in output and trade in the chemical industry is a consequence of systemic imbalances that are typical for the current operation model of this industry. The auspicious external factors supported the economy of the outdated energy-intensive large-tonnage chemical enterprises for a long time. However, the stable decline of the chemical industry during the recent years indicates that the traditional reserves of the chemical production development are gradually exhausting.

The use of the reindustrialization strategy may continue the life cycle of the existing basic chemical enterprises in the near future. But the long-term development perspectives of the Ukrainian chemical industry should be directed towards the organization of low-tonnage innovative manufactures in the segments of special and fine chemistry based on the neoindustrial concept.

In 2015 the European Technology Platform for Sustainable Chemistry (SusChem) identified the following priority areas for the modern neoindustrial development of the chemical industry: climate action, environment, resource efficiency and raw materials; a sustainable and inclusive bioeconomy; secure, clean and efficient energy; health, demographic change and wellbeing; smart, green and integrated transport; ICT, smart process and smart materials.

It is clearly impossible to cover the entire variety of chemical raw materials, products and technologies within the innovation system of the Ukrainian chemical industry. The choice of specific areas of development depends on the existing or potential competitive advantages of the national industry, including opportunities for the implementation of those advantages in the global value chains.

It is also important to note that changing the previous development trajectory is impossible based only on the market self-organization processes. The creation of the necessary conditions for such transformation requires an active government support.