INDUSTRY, INNOVATION AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

136.7 million hryvnias
research income from industry and commerce

1,498
Number of academic staff by subject area: natural sciences, technology, engineering and mathematics (STEM) in full-time equivalent

by subject areas:

STEM	**UAH 110.2 million**
Medicine	**UAH 15.9 million**
Arts and humanities / social sciences	**UAH 10.6 million**

The issues and ways of Ukraine's postwar recovery, reconstruction and further development were the focus of the **XIV International Festival of Innovative Projects "Sikorsky Challenge 2025"**, which took place at Igor Sikorsky KPI from 28 October to 2 November 2025.



126 applications were submitted to the competition; the finalists included **87** projects (among the finalists were **18** entrepreneurs and **25** school students) in 5 sections: 1 – "Aviation, space, defence and security" - 28 tech developments; 2 – "Energy resilience and security, environmental safety, 'green' chemistry" - 8; 3 – "Biomedical engineering and human health" - 16; 4 – "Digital country, industrial hi-tech, agritech" – 11; 5 – "Sikorsky Challenge Junior" (the youngest participants - school students – competed n it) - 24.



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The Regulation "**On the Scientific Schools of Igor Sikorsky KPI**" was elaborated and approved, regulating the work of 13 founding scientific schools and 67 modern scientific schools.

Applications submitted for projects under the programmes: Horizon Europe – **60**; Erasmus+ – **33**; NATO SPS – **21**; under other international programmes - **73** applications.

In 2025, Kyiv Polytechnic scientists carried out and won **67** international projects: Horizon Europe – **7**; NATO SPS – **10**; Erasmus+ – **11**; other programmes, including bilateral ones - **39**.

Recognition of the achievements of Kyiv Polytechnic **scientists.**



By Ukrainian Presidential Decree No. 861/2025 of 27 November 2025, the laureates of the **Borys Paton National Prize of Ukraine** were honoured, forming authors' team: Yuriy Bohomol, head of department, Dr. Sc. (Eng.), professor, corresponding member of the NAS of Ukraine; Oleksandra Yurkova, professor, Dr. Sc. (Eng.); and Yevhen Solodkyi, associate professor, PhD (Eng.), senior researcher, for the work "**Technologies for Manufacturing Structural Elements of Advanced Equipment from Powders**";

Prof Valeriy Danylov, Dr. Sc. (Eng.), for the work "**Assessment and Optimisation of Security Risks for Critical Infrastructure**".

Igor Sikorsky KPI is the leader among Ukrainian universities in intellectual property, according to data from the Ukrainian National Office of Intellectual Property and Innovation (UKRNOIVI):

- It submitted **112** applications, including inventions, utility models, industrial designs, trademarks and copyright objects;

• it ranked **1**st among higher education institutions within the jurisdiction of the Ministry of Education and Science of Ukraine, in terms of the highest inventive activity.

Trends in applications for inventions and utility models filed in 2021–2025

