SUSTAINABLE CITIES AND COMMUNITIES

Make cities and human settlements inclusive, safe, resilient and sustainable

The following academic disciplines on sustainable development issues are taught at Igor Sikorsky KPI:

- Fundamentals of Sustainable Development Engineering and Technology,
- Sustainable Global Transformation in the Context of Society 5.0,
- Sustainable Innovative Development,
- Foundations of Sustainable Development,
- Sustainable Development of Urban Ecosystems,
- Energy Efficiency and Smart Buildings,
- Green Entrepreneurship.

Within these disciplines, students gain knowledge about sustainable development and tools for improving energy efficiency; the regulatory framework of energy management, energy audit and energy efficiency; designing building stock, taking energy-efficiency requirements into account, and green construction; efficient energy sources and intelligent technologies in smart buildings.

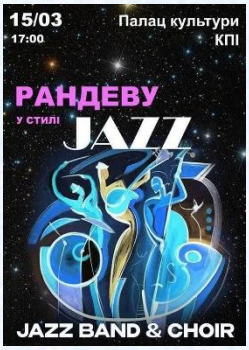
The inaugural *ESG-REBOOT: education, engineering and ecology* conference was held at Igor Sikorsky KPI as part of the cooperation with ESG Liga PAEW and the Office of Sustainable Solutions.

Students were introduced to the real cases of applying ESG principles and given practical advice.



ESG principles (Environmental, Social, Governance) are a set of characteristics of company management that achieve the company's involvement in solving environmental, social and governance issues.

The Centre for Culture and Arts of Igor Sikorsky KPI



In 2025, the number of events totalled **77**, including:

concerts and performances - **39**, choreographic festivals and championships - **17**, student events and conferences - **9**, art exhibitions - **12**.

UAH48.5 million

spent on arts and heritage

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Ukrainian-Polish Experience in Crisis Response



From 18 to 19 November 2025, Igor Sikorsky KPI hosted the international scientific and practical conference "Resilient Communities – Stable Future: Ukrainian-Polish Experience in Crisis Response",

dedicated to current challenges to the functioning of socio-economic systems, promoting the sustainable development of local communities and implementing effective models of crisis response.

The event took place under the NATO's *Science for Peace and Security* programme, project G6119 "Increasing the Capacity of Local Communities to Counteract Crisis Situations", in which Kyiv Polytechnic acts as a partner institution.

Conference topics included "Ukrainian realities regarding society's ability to counter crises", "A resilience model: how Polish municipalities adapt to new challenges", "Good governance and digital resilience of communities", and "Data science for countering threats to community development".

The second summer school "**Shaping urban environments for tomorrow**" took place from 7 April 2025, bringing together proactive students, researchers and experts on sustainable development, urbanisation and ecology.



The programme included informative lectures, development of sustainable approaches to the modernization of recreational complexes in the Carpathians, reducing their environmental impact and integrating them into the local community.



The development of safe infrastructure and shelters continues

As of December 2025, the number of places in shelters amounted to **4,783 in academic** buildings and **7,278** in dormitories.
