LIFE BELOW WATER
Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Deepening cooperation with Germany in bioenergy for environmental protection

Thanks to international partnership and the implementation of large-scale projects, particularly the development partnership "Ukraine Energy Autark» together with the German company Bio-H2 Umwelt GmbH, supported by GIZ and the German ministry BMZ, the Department of Bioenergy, Bioinformatics and Environmental Biotechnology at Igor Sikorsky KPI is proactively developing technologies for wastewater treatment, recycling of household and industrial waste, and bioenergy that reduce human pressure on the environment, protecting the natural habitats of plants and animals. This initiative realises several sustainable development goals at once. In particular:

- July 2025: participation in the Summer Academy of the Bavarian State Office for Environmental Protection in the German city of Hof, together with the Institute of Sustainable Water Management of the Hof University of Applied Sciences, as well as specialists from the Kyivvodokanal public utility, water resources and WWF-Ukraine, on modern management of water and natural resources.



- November 2025: Kyiv Polytechnic hosted the IX International Scientific and Practical Conference "Clean Water. Fundamental, Applied and Industrial Aspects", dedicated to the 25th anniversary of the Faculty of Biotechnology and Biotechnics. Over 100 scientists from six countries discussed advanced environmental solutions for protecting aquatic ecosystems. One of the co-organisers was the Hof University of Applied Sciences.



- November 2025: Ukrainian specialists served their first international internship in the German city of Jena, dedicated to studying biogas production technologies and mastering German standards VDI and adapting them to the Ukrainian market in order to reduce the environmental burden from waste.

