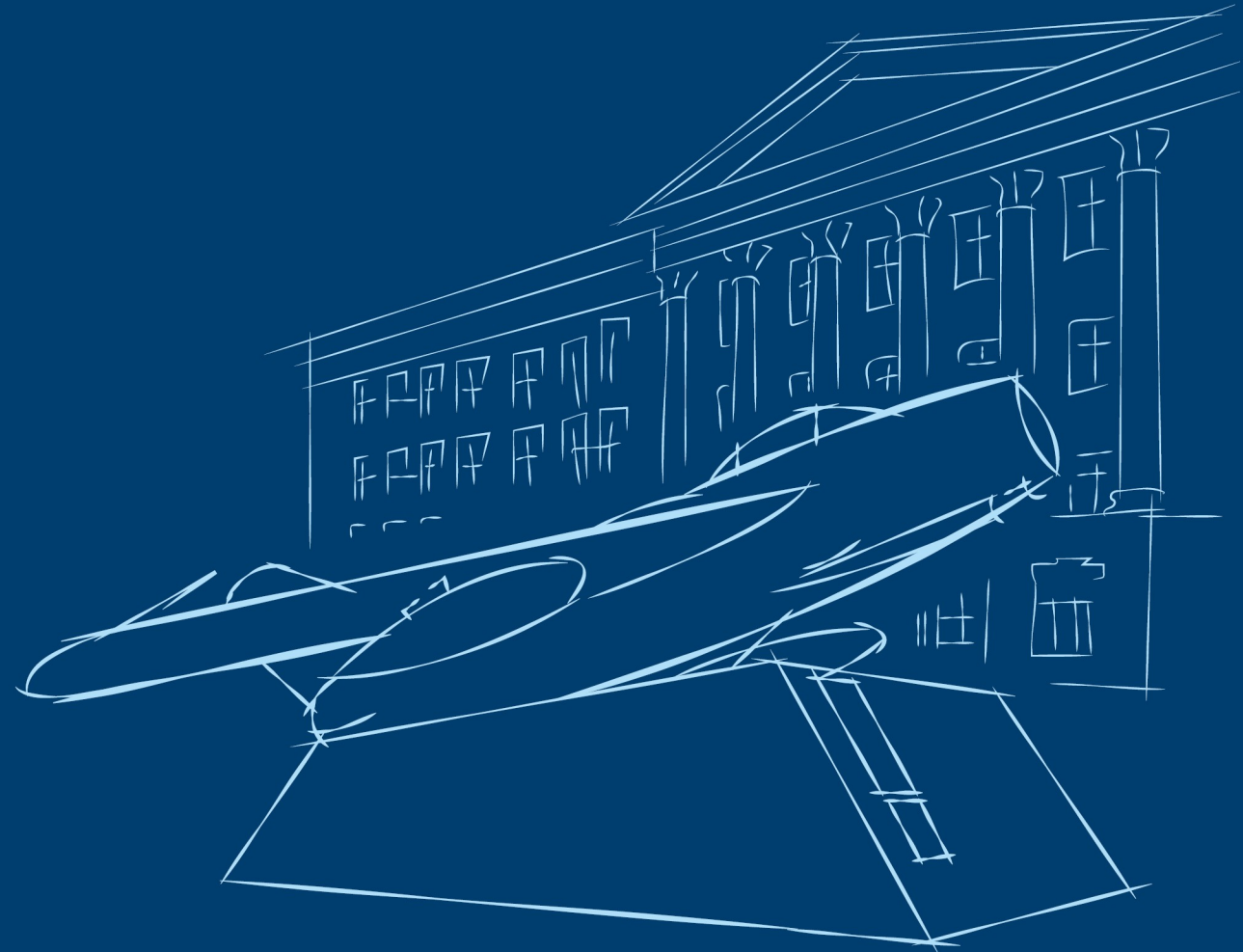




НАЦІОНАЛЬНИЙ  
АЕРОКОСМІЧНИЙ УНІВЕРСИТЕТ  
«ХАРКІВСЬКИЙ АВІАЦІЙНИЙ ІНСТИТУТ»

NATIONAL AEROSPACE UNIVERSITY  
«KHARKIV AVIATION INSTITUTE»

## 13 Climate Action



The National Aerospace University “Kharkiv Aviation Institute” consistently implements measures aimed at increasing energy efficiency and reducing the carbon footprint of university activities.

Key actions include:

- modernization of lighting systems in campus buildings and laboratories through the transition to energy-efficient LED technologies;
- renewable energy sources, including the use of solar panels to power classrooms and laboratory equipment.

These measures allow the university to gradually reduce energy consumption, lower CO<sub>2</sub> emissions, and establish a model for the sustainable operation of the educational environment.





The National Aerospace University “Kharkiv Aviation Institute” places special emphasis on the preservation and expansion of green spaces on campus, recognizing them as a crucial factor for ecological sustainability and a comfortable educational environment.

Within the framework of the “Green KhAI” program, systematic measures are being implemented to green the campus: planting trees, creating flower beds, maintaining existing vegetation, and improving recreational areas. A notable initiative is the “500 Trees KhAI” program, through which hundreds of trees of various species have been planted across the university campus, contributing to improved microclimate and air purification.

These actions not only reduce the university’s carbon footprint but also foster a culture of environmental care among students and staff, strengthening the ecological responsibility of the academic community.





The university actively supports initiatives aimed at raising climate awareness and promoting adaptation to the impacts of climate change.

Staff members of the Department of Ecology and Technogenic Safety participated in the nationwide Climate Week UA initiative organized by the NGO “Ecodia.” As part of the event “Climate Change: Challenges, Threats, Solutions,” held in a hybrid format at the university, participants had the opportunity to watch a thematic film, discuss global environmental challenges, and identify practical ways to address them.

Such events help cultivate an understanding among KhAI students and faculty of the role of science and education in combating climate change and fostering an ecological culture in society.



The National Aerospace University “Kharkiv Aviation Institute,” together with the Department of Ecology and Technogenic Safety, actively participates in advancing the Sustainable Development Goal “Climate Action”.

University staff took part in the practical conference “Community 2.0: Building Climate Resilience with Your Own Hands,” organized by the Association of Environmental Professionals (PAEW) in cooperation with the Office of Sustainable Solutions, with the support of the Embassy of Slovenia in Ukraine and the Ministry of Foreign and European Affairs of the Republic of Slovenia.

The hybrid-format event brought together representatives of government, scientists, educators, and public organizations to discuss mechanisms for enhancing climate resilience and adapting to climate change.

Participation in such events helps strengthen environmental competence, reinforce scientific and educational networks, and implement modern approaches to training environmental specialists capable of effectively responding to climate challenges.

