

## Project goals:

- The main objective is to strengthen the social and political leadership role of Ukrainian universities in order to support a sustainable transformation of Ukraine.
  - An established inter- and transdisciplinary educational network will foster innovative approaches in teaching and applied research and support Ukrainian universities on their way to sustainable university management.
- In addition, students will be empowered to act as change agents for sustainable and risk-aware development.



Ukraine – Kharkiv

KHNAHU is one of the oldest dilapidated initial mortgages in Ukraine. Today the university has five faculties: about 5 thousand undergraduate and graduate students, as well as correspondence students, and about 400 foreign students study here. Kharkiv Automobile and Highway University was founded on July 23, 1930. At many exhibitions, sports and high-speed HAD1 cars with piston, gas turbine and jet engines were demonstrated, including HAD1-11Electro, HAD1-13Electro.

The HAD1-7 car, presented at international exhibitions in the Czech Republic, Slovakia, Canada, USA, Italy, Austria, and Cuba, became especially famous.

Rector Viktor BOGOMOLOV, academian of the Ukrainian Academy of Transport, laureate of the State Prize in the field of science and technology, doctor, professor



VIKTOR BOGOMOLOV  
KHNAHU's Rector

## KHNAHU project team



Main responsible person, project manager



Main contact person



manager



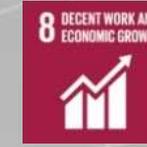
KHNAHU's official website



UNESCO «Clean Technologies»



TransLearnN



The broad ambitions of the European Green Deal provide a policy framework for bringing the scientific, educational and institutional dimensions of universities' contribution to the green transition. The role of the university sector was not adequately recognized in the original commission plans, prompting the European University Association (EUA) to formulate a university vision for a green climate course.

But for this vision to become a reality, the university sector itself needs to take transformative action. Recognizing that not everyone can act so quickly and effectively, the EUA offered a roadmap (2023) in the form of video descriptions of processes and activities that can increase the influence and visibility of universities in the pursuit of climate neutral, environmental and social change. These actions should lead to a social transition in which universities are a key part and leading force.

KHNAHU takes an active part in the activities of the World Organization of UNESCO (UNESCO) and the European University Association (EUA). The management and staff of the university are successfully implementing the University's Progressive Growth Strategy, promoting the Roadmap developed by the Association of Universities as a standard for HNAHU to be the base center for realizing long-term growth in green development.

### Research & innovation

**Develop case studies of how interdisciplinary research can contribute to the interconnected realization of the SDGs, bringing together economy, politics, environment and society.**

Implementation of four main directions in KHNAHU:  
1.1 The UNESCO Chair in Environmentally Friendly Technologies was established (2009) and is now in operation - 409. Work towards two UNESCO Major Programs: education and natural sciences.  
<https://rcf.khadi.kharkov.ua/kafedri/ekologiji/kafedra-junesko-ekologichno-chisli-tekhnologii/>

1.2 A large European project "Synergy of educational, scientific, managerial and industrial components for climate management and mitigation" is being implemented 619119-EPP-1-2020-1-NL-EPPKA2-CBHE-JP CLIMAN Priorities: Modernization of the curriculum through the development of new and innovative courses and methodologies, Interdisciplinary priority on climate change.  
<https://www.khadi.kharkov.ua/erasmus/ka-2/siner-gija-osvtnikh-naukovikh-upravlnskikh-ta-promislovikh-komponenitv-dlja-upravlnnja-klimatom-ta-zapobigannja-zmni-klimatu-climat/>



EUA has selected four overarching areas where universities should aim to reconfigure themselves for the green transition, also using it as an opportunity to effect reforms and cultural and behavioural changes that go beyond strictly green topics:



1.3. Climate Management Centre was established (with EU support and funding. Mission - assistance to communities, managerial, administrative and scientific communities in coordination of activities in the field of climate management and mitigation.  
<https://rcf.khadi.kharkov.ua/kafedri/ekologiji/centr-klimatichnogo-menedzhmentu-ckm/>

1.4 High Speed Vehicle Laboratory - National Heritage status. Funded by the government. Mission-Scientific innovation in the field of eco-technologies of transport technologies.  
<https://af.khadi.kharkov.ua/chairs/avtomobiliv-m-ab-gredeskula/laboratorija-shvidkivnikh-avtomobiliv>

1.4. High Speed Vehicle Laboratory - National Heritage status. Funded by the government. Mission-Scientific innovation in the field of eco-technologies of transport technologies.  
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Education and students

**"Introduce the necessary changes in curricula, identifying topics of common interest in the green transition and how to develop them as learning objectives.**

<https://rcf.khadi.kharkov.ua/kafedri/ekologiji/mzhzarodna-djajnist/ka1-akademichna-mobilnisi/>  
<https://www.khadi.kharkov.ua/mzhzarodna-djajnist/>  
**"Identifying institutional leaders who will lead the management of sustainable development programmes.**

<https://rcf.khadi.kharkov.ua/kafedri/ekologiji/sklad-kafedri/ukrokoz/>  
**"Fostering international cooperation, identifying educational programmes that are jointly implemented by partners in different countries.**

### Staff & operations

Innovative activity/in the stage of development and adoption at all stages

**"Establish sustainability committees and green offices in universities to address sustainable operations in synergy with the Equality, Diversity, Inclusion and Belonging (EDIB) commitments in the Institutional Strategy. The Strategy should address issues relating to the management of buildings and surrounding green spaces, food supply and canteens, procurement, etc.**

**Examples such as the Green Office movement also show that direct student involvement in the management of the strategy can facilitate and enrich the university's transition to a green lifestyle.**

1. Part in the global green university rankings +U GreenMetric World University Rankings» <https://nida.ac.th/uc-green-metric-world-university-rankings-2023/>

2. University development strategy [https://www.khadi.kharkov.ua/fileadmin/P\\_Standart/poigovnja/strategichni\\_plan\\_2020-2027.pdf](https://www.khadi.kharkov.ua/fileadmin/P_Standart/poigovnja/strategichni_plan_2020-2027.pdf)

3. Erasmus+ Activity Program - KAZ20-HED - a partnership in premium lighting/within the framework of the funding program "Erasmus+ KAZ20-HED – Partnership in Higher Education", project: Entry-level transformation for sustainability - Helping Ukrainian citizens to finance sustainable and reliable reconstruction of (war-era) Ukraine (TransLearnN), Project number NA DAAD\_2023\_1-DEU-KAZ20-HE0-00017119. TransLearnN <https://www.khadi.kharkov.ua/erasmus/ka-2/siner-gija-osvtnikh-naukovikh-upravlnskikh-ta-promislovikh-komponenitv-dlja-upravlnnja-klimatom-ta-zapobigannja-zmni-klimatu-climat/vr-anselearn-transformational-learning-network-for-resilience/>

### Public engagement & societal impact

**"Collaboration in the development of case studies of interconnected SDG implementation, involving economic, political, environmental and social stakeholders.**

1. Work in the National Commission of Ukraine in UNESCO Affairs (Professor Natalia VNUKOVA), <https://nra.gov.ua/mzhzarodni-vidnosini/yunesko/nacionalna-komisiya-ukrayini-u-spravh-yunesko>

2. Participation of the working group in the implementation of approaches within the framework of the work of the National Commission of Ukraine at the right of the work of the National Commission for the Kharkiv Municipal Church (Professor Natalia VNUKOVA), <https://www.city.kharkiv.ua/uk/gorodskaya-vlast/ispolnitelnye-organy/departamentu/departament-mezhduanodnogo-sotvuzhchestva.html>

3. Joint participation of university experts and employees of relevant departments of Kharkiv in programs NetZeroCities <https://netzerocities.app/social>

**"Collective research in the fields of social and human sciences and technology, engineering and mathematics. Work as part of the international foundation REUNITE: Participation in building the national independence of Ukraine through education. KHNAHU-REUNITE is an ongoing collaboration formed at the intersection of academia, the public and private sectors with the common goal of addressing the challenges of Ukraine's post-war reconstruction through mutually beneficial activities with leaders spanning educational, government and corporate perspectives. (Expert, Associate Professor Anton KHLODOVY <https://www.rebuk.com/reunite/>**