

Cooperation perspectives in higher education between Ukraine and Austria

High Level Meeting | Uzhhorod

Gerhard Volz

International Cooperation in Higher Education

OeAD | 16.04.2024

Erasmus+ Higher Education worldwide

Cooperation with third countries (academic mobility)

International Mobility between programme countries & partner countries not associated to the programme

- **Student or Staff Mobility** to / from Erasmus+ Partner Countries
 - **Studies:** 2 – 12 months (credit mobility) in a partner university
 - **Traineeship:** 2 – 12 months in a relevant organisation as part of studies; recognition foreseen
 - **Teaching** (short-term) at a partner university abroad or
 - **Job-related training** at suitable institutions (university, company, NGO) abroad
 - **Short-term mobilities for students for studies & traineeships** 5 – 30 days
- **Funding** – financial support for travel and subsistence
 - **Student mobility:** 700 – 900 Euro per month;
 - **Staff mobility:** 190 Euro per day;
 - One-time payment of the **travel grant** according to distance

Erasmus+ Mobility Project Example

Austrian higher education institution:

University of Music and Performing Arts Vienna (mdw)

Partner institutions Ukraine:

Ukrainian Catholic University, Lviv

A.V. Nezhdanova Odesa National Academy of Music

Year: 2022

Budget: 62.615 Euro

Planned mobilities:

9 staff mobilities (outgoing to Ukraine and incoming to Austria)

8 student mobilities (incoming to Austria)

Music therapy is an independent, ‘scientific-artistic-creative’ form of therapy that is practiced for prevention and health promotion, for the treatment of acute and chronic illnesses and for rehabilitation purposes.

The aim of the mobility project is to provide **professional training in music therapy** in Ukraine and Austria and to implement and support curriculum development.

Experiences and activities from the planned mutual staff exchange will be incorporated into research work at the Vienna Center for Music Therapy Research and provide a long-term basis for regular student mobility.



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Erasmus+ Higher Education worldwide

Cooperation with Partner Countries (projects and HE system level)

Capacity Building in Higher Education (CBHE)

- **Cooperation projects** together with non-industrialised countries worldwide with focus on **their needs**
 - Modernising Higher Education Institutions (HEIs) and their HEI- systems
 - Increasing the cooperation between HEIs and the regional integration
 - Fostering of innovation and governance
- **Project types**
 - **Strand 1: Fostering access to cooperation in Higher Education** (esp. for newcomer)
Duration: 2 or 3 years; Funding: 200.000 – 400.000 Euro
 - **Strand 2: Partnership for transformation** (focus on innovation and management)
Duration: 2 or 3 years; Funding: 400.000 – 800.000 Euro
 - **Strand 3: Structural reform projects** (focus on reform of HEI-systems)
Duration: 3 or 4 years; Funding: 800.000 – 1.000.000 Euro
- **Annual call** → Next deadline: expected in **February 2025**

Erasmus+ CBHE Project (Example I)

“PROMENT - Promoting professional education and students engagement through comprehensive mentoring and tutoring system at HEIs”

Coordinator Ukraine: Lviv Polytechnic National University

Partner Austria: Technische Universität Wien

Further Project Partners (14):

LLC Coaching Academy (GE), Ajara Chamber of Commerce and Industry (GE), Shota Rustaveli State University (GE), Georgian Technical University (GE), Università deli Studi di Perugia (IT), Politechika Slaska (PL), Universidade de Aveiro (PT), Department of Education and Science of Mykolaiv Regional State Administration (UA), Hromadska Spilka Obyednannya Pidpryyemst v IT Haluzi Chernihivshhyny „Chernihivskyj IT Klaster“(UA), Association Lviv Cluster of Information, Technologies and Business Services (UA), Petro Mohyla Black Sea National University (UA), Chernihiv Polytechnic National University (UA), Dnipropetrovsk Chamber of Commerce and Industry (UA), Dnipro University of Technology (UA)

Selection Year: 2022 / **Project Duration:** March 2023 – February 2026

Project Budget: EUR 760,522,-

The project aims to foster students’ employability by developing their relevant professional competencies and civic engagement through the comprehensive tutoring and mentoring (T&M) system at partner HEIs as a response to the labour market demands. The university T&M system will function on the base of an integrated set of methods, algorithms, and procedures enriched with the dedicated IT-platform, university organizational structures, trained staff, and active senior students. In complex, it will become an element of the sustainable educational process, that will develop and improve students’ hard and soft skills, as well as active engagement in civic life.

The project activities are focused on developing basic tutoring and mentoring schemes, installing T&M centers, developing teaching/learning materials and tools, training academic staff, students and mentors from industry, as well as cooperating between targeted HEIs through the internationalization of partners’ expertise, and strengthen their relations with the wider socio-economic environment.



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Scientific & Technological Cooperation (S&T Cooperation)

Wissenschaftlich-Technische Zusammenarbeit

- Supports **mobility between researchers** of Austrian and Ukrainian
 - universities,
 - universities of applied sciences and
 - other research institutions
- **Goals of S&T Cooperation:**
 - Stimulation of international research cooperation
 - Establishing of new, sustainable international partnerships
 - Increasing the share of young and female researchers
- **10 – 12 projects approved every year**

S&T Cooperation: UA/AT Projects June 2023 – May 2025 (I)

Project Title	UA Institution	AT Institution
Modeling the interaction of electromagnetic fields with plasma in nuclear fusion devices and developing experimental diagnostics of this interaction	V.N. Karazin Kharkiv National University	TU Graz (Graz University of Technology)
Solid municipal waste composition research and its resource potential	National University «Yuri Kondratyuk Poltava Polytechnic	BOKU Vienna, University of Natural Resources and Life Sciences, Vienna
Dual targeting of tumor-specific vulnerabilities by novel thiosemicarbazone derivatives	National Academy of Sciences of Ukraine	Medical University of Vienna
Modeling of optical properties of ordered lattices of plasmonic nanoparticles and interpretation of experimental results obtained by micro-ellipsometry	National Academy of Sciences of Ukraine	University of Graz

S&T Cooperation: UA/AT Projects June 2023 – May 2025 (II)

Project Title	UA Institution	AT Institution
Combining secondary bioinformatics and spatial transcriptomics to analyze the largest data set of transcriptome data of the human placenta in the course of normal pregnancy and in preeclampsia	National Academy of Sciences of Ukraine	Medical University of Graz
Improving enzymatic degumming of sunflower oil	National University of Food Technologies	University of Natural Resources and Life Sciences, Vienna
Improvement of heat treatment regimes of AISI 316L manufactured by SLM to reduce residual stresses	National Academy of Sciences of Ukraine	Austrian Academy of Sciences
Bicatalytic systems based on oxidoreductases for "green" aerobic oxidation processes	Vasyl' Stus Donetsk National University	University of Vienna
The quality of preschool teachers' training in Austria and Ukraine: A comparative analysis	Drohobych Ivan Franko State Pedagogical University; Korolenko National Pedagogical University	FH Campus Vienna, University of Innsbruck
Henryk Kadyi and the Anatomical departments of the Universities of Vienna, Cracow, Prague and Lviv – A case study in shared European scientific networks"	Danylo Halytskyi Lviv National Medical University	Medical University of Vienna



RESEARCH AND INNOVATION COOPERATION BETWEEN AUSTRIA AND UKRAINE: A GLIMPSE

Dr. Lil Reif | Austrian Research Promotion Agency (FFG)
April 2024



PARTICIPATION OF HIGHER EDUCATION INSTITUTIONS FROM AUSTRIA AND UKRAINE IN HORIZON EUROPE

Austrian HEI in Horizon Europe projects including Ukrainian participants

CENTRAL EUROPEAN UNIVERSITY PRIVATE UNIVERSITY
MEDIZINISCHE UNIVERSITAET INNSBRUCK
MEDIZINISCHE UNIVERSITAET WIEN
TECHNISCHE UNIVERSITAET WIEN
UNIVERSITAET FUER BODENKULTUR WIEN
UNIVERSITAET GRAZ
UNIVERSITAET WIEN

Ukrainian Higher Education Institutions in HEU projects including Austrian participants

HIGHER EDUCATIONAL ESTABLISHMENT UKRAINIAN CATHOLIC UNIVERSITY
INSTITUTE OF GEOLOGICAL SCIENCES NATIONAL ACADEMY OF SCIENCES OF UKRAINE
KHARKIV NATIONAL UNIVERSITY OF RADIO ELECTRONICS
KYIV ACADEMIC UNIVERSITY
KYIV NATIONAL UNIVERSITY OF CONSTRUCTION AND ARCHITECTURE
LVIV POLYTECHNIC NATIONAL UNIVERSITY
SEMENENKO INST. OF GEOCHEMISTRY, MINERALOGY AND ORE FORMATION OF NAS OF UKR.
NATIONAL TECHNICAL UNIVERSITY OF UKRAINE IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE
NATIONAL UNIVERSITY OF KYIV-MOHYLA ACADEMY
NATIONAL UNIVERSITY OF LIFE AND ENVIRONMENTAL SCIENCES OF UKRAINE
ODESKIY NACIONALNIY UNIVERSITET IMENI I.I. MECHNIKOVA
ODESSA STATE ENVIRONMENTAL UNIVERSITY
POLISSIA NATIONAL UNIVERSITY
TARAS SHEVCHENKO NATIONAL UNIVERSITY OF KYIV
UKRAINIAN NATIONAL FORESTRY UNIVERSITY
V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY
V.E. LASHKARYOV INSTITUTE OF SEMICONDUCTOR PHYSICS OF THE NAS OF UKRAINE

Source: EU-PM as of 25 March 2024

- At this point, **39** projects are funded in Horizon Europe, which involve organisations from both countries. Broad range of organisations: mainly HEIs, research organisations and private sector
- **26** projects involve Higher Education Institutions from Austria or Ukraine → [see list left hand](#)
- HEU instruments with the participation AT & UA: MSCA, Infrastructure, European Innovation Council / EIE, Cluster 5 (Climate, Energy and Mobility), Cluster 6 (Food, Bioeconomy, Natural Resources, Agriculture and Environment), Cluster 4 (Digital, Industry and Space), Cluster 2 (Culture, Creativity and Inclusive Society), Mission Ocean, Mission Climate, Mission Cancer
- All areas of research, strong links with industry / companies and non-academic organisations in the broadest sense

EXAMPLE PROJECT LOC3G: LOCALIZATION IN GEOPHYSICS, GEOHAZARDS AND GEOENGINEERING



LOG3G seeks to advance and share the knowledge of the multiscale and multiphysics modelling of localisation phenomena in geomaterials (soils and rocks), with the aim to create predictive models serving the communities in geophysics, geohazards, and geoengineering

- 1.52 million euro funding, duration March 2024 – February 2028
- 8 beneficiaries, coordinator: Universität für Bodenkultur **BOKU Vienna**
- beneficiary from Ukraine: **Taras Shevchenko National University of Kyiv**
- 8 associated partners: UK, Kazakhstan, China, Nepal, US, Bolivia, Vietnam, Australia

Further information: <https://cordis.europa.eu/project/id/101129729>

Funded by Marie Skłodowska-Curie Staff Exchange

- 4 years duration
- substantial funding for staff exchange (through secondments), research, training and networking costs, management
- secondments must be international, intersectoral or interdisciplinary
- duration of secondments is between 1-12 months per staff member, split secondments are possible

CONTACT

Dr. Lil Reif
National Contact Point for ERC, MSCA and WIDERA
European and International Programmes

Austrian Research Promotion Agency
Sensengasse 1, 1090 Vienna, Austria

T +43 (0) 5 77 55 – 4608
lil.reif@ffg.at
www.ffg.at

Thank you for your attention!

Gerhard Volz

OeAD

gerhard.volz@oead.at

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