



Horizon Europe Brokerage Event  
Cluster 6 Calls 2025

Warsaw, 27 May 2025

**Efficient, sustainable, and inclusive energy use**

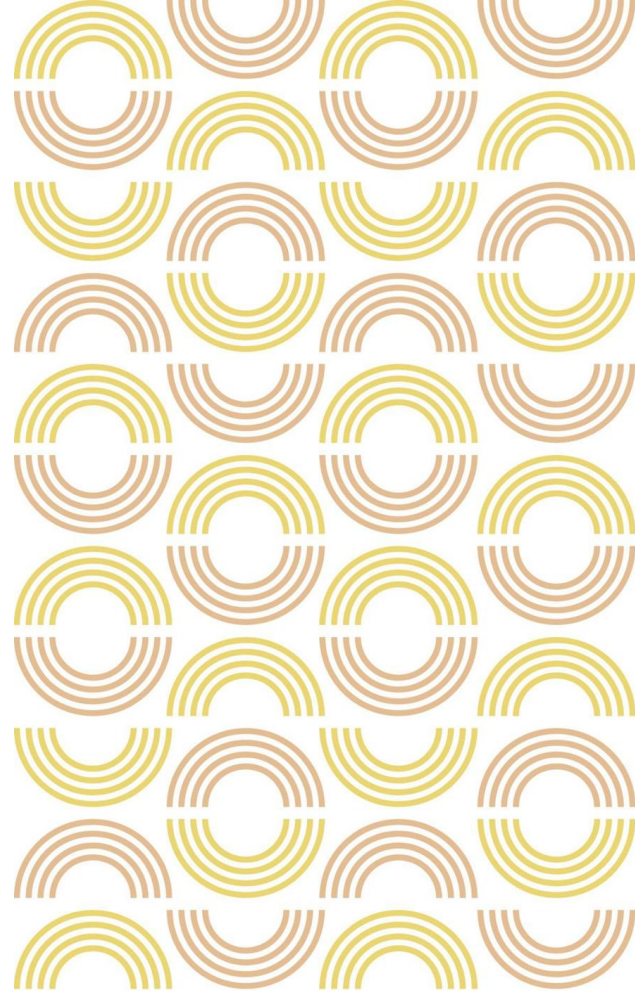
Name of the speaker (Alla Polyanska)

Institution (Ivano-Frankivska National  
Technical University of Oil and Gas)



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## Topics addressed/ our collaboration interests

Close cooperation with companies in the energy sector for improving the quality of training, updating educational programs and conducting joint research.

Cooperation under EU programs such as Erasmus, HORIZON EUROPE:

- Sustainable, secure and competitive energy supply (HORIZON-CL5-2024-D3-02)
- Measures for market development of renewable energy systems;
- DACCS and BECCS for CO<sub>2</sub>/negative emissions removal CCU for fuel production;
- Efficient, sustainable and inclusive use of energy (HORIZON-CL5-2024-D4-02);
- Industrialization of sustainable and circular deep repair workflows;
- BIM-based processes and digital twins to facilitate and optimize circular energy;
- MSCA 2024 staff exchange (HORIZON-MSCA-2024-SE-01)

Engineering training for women (STEM and STEAM education)

Retraining (re-profiling) of engineers

Expanding cooperation with leading universities and energy companies.

## Main expertise offered / sought

Double degree program “Information Technology for Sustainable Energy Development” with London South Bank University.

Development of the Twinning initiative - learning English, digital accessibility for all, etc.

Certification programs in the field of energy, in particular, IWCF.

Vocational training in blue-collar occupations from the Center for Recruiting. Training and Practice for a period of 1 to 4 months and recruiting and consulting services for businesses and students.

A dual form of education that allows you combine university studies with on-the-job training.

Close ties with industry enterprises: internships, scholarship programs, trainings, joint research and development.

The Energy Academy is a center for training specialists to solve current problems in the energy and environmental sectors and implement innovative solutions for sustainable development.

Interaction of the university with stakeholders (industry and business) to improve educational programmes and bring them into line with the norms and standards of professions.

Involvement in previous/ongoing projects in the area;

H2020-EU.3.3. SOCIETAL CHALLENGES (Secure, clean and efficient energy)

HORIZON-MISS-2024-CIT-01 (Changing urban spaces and mindsets to accelerate the transition to climate neutrality)

**USAID's Energy Security Project (ESP)** New Bachelor Program on Renewable Energy Engineering

**ENPI CBC Programme HUSKROUA 2014-2020** Regional Center for Training and Monitoring of the Environmental Impact of Electrical Installations – CRIMIGE

**ROUA ENI CBC Programme 2014-2020** Regional Center for Training and Monitoring of the Environmental Impact of Electrical Installations

**ENPI CBC Programme HUSKROUA 20** Valorization of the historical and cultural heritage through the development and promotion of

**14-202 NCP HORIZON EUROPE "Legal and financial aspects" "European research council"**

## Role in project:

We seek to join a consortium on sustainable circular economy solutions or digital technologies for environmental transitions. However, we are also open to coordinating a proposal, provided a strong interdisciplinary team is built and institutional support is ensured. Our background in sustainable systems design, policy integration, and circular innovation allows us to contribute effectively to both the leadership and technical aspects of the project.

## The requirements for additional partner(s), i.e. expertise sought.

- identify EU stakeholders, research institutions, and SMEs who are interested in co-developing or piloting deep-tech-driven circular models;
- build a strong interdisciplinary consortium capable of responding to the Cluster 6 call with a competitive, innovative proposal;
- find complementary partners with expertise in policy, industrial symbiosis, eco-innovation, and green energy technologies;
- gain insights into current EU funding priorities and successful project strategies;
- Seek LCA analysts, sustainability experts.

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