

Funded Project

Advanced Materials Open Science Centre at the Precarpathian National University

Principal Investigator: Volodymyr Kotsiubynskyi, Vasyl Stefanyk Precarpathian National University

Project team members:
Valentyna Yakubiv
Volodymyra Boichuk
Iryna Hryhoruk
Liliia Turovska

Implemented by





Challenge Addressed: Open Science in Ukraine





Lack of Awareness and Training

Legal and Policy Framework Under Development

Inadequate Digital Infrastructure

Cultural restriction and "traditional"

academic evaluation system

Lack of Support for Early-Career Researchers

Problems with access to research infrastructure



PNU-OpenLab: proposed solution



PNU-OpenLab becomes a superstructural facility for PNU research ecosystem (for example PNU-NanoLab - Nanotechnology Lab for Materials Science, Energy, and Medicine)

Creation of a thematic Invenio-drived repository

Providing open access to the research infrastructure of the PNU

Providing certified services to industry in the field of material properties investigation, which is important for defence capabilities and the needs of Ukraine's critical infrastructure

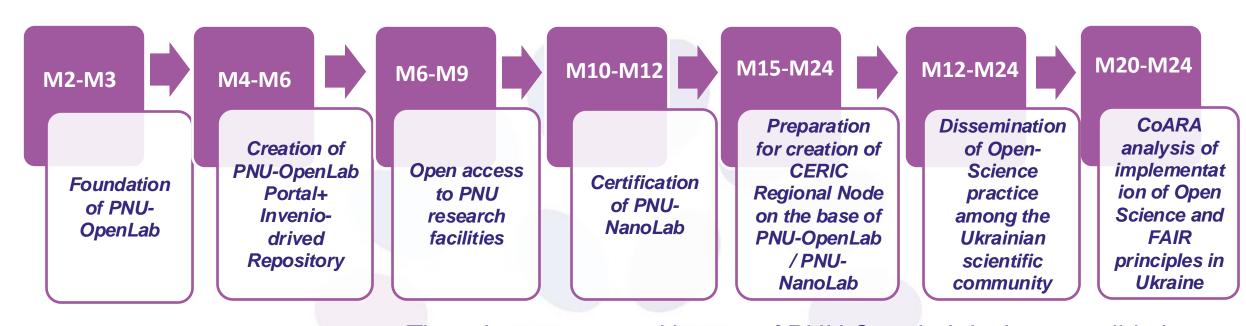




PNU-OpenLab: Context and Planned Actions



The PNU-OpenLab is an Open Science centrE at Precarpathian National University



https://open-lab.pnu.edu.ua/en/

The primary expected impact of PNU-OpenLab is the consolidation of research activities among Ukrainian university scientists in the field of obtaining, characterization, and implementation of the advanced materials and nanomaterials in accordance with the PNU-OpenLab principles of Open Science

PNU-OpenLab: expected results + next steps



OSCARS Funding: € 180000

Project Start:

01-10-2024

Project End:

30-09-2026

Field: Advanced Materials Enhancing researchers' engagement with Open Science through seminars and training programs for students and young scientists by demonstrating and piloting the use of EOSC resources

Implementation of ESFRI objectives to foster multilateral initiatives for the improved use of research infrastructures in the EU and Ukraine

Consultative Services and Methodological Support

Access to Research Data via thematic repository
Support for Industry Collaboration
Interdisciplinary Collaboration and Project's Support
Groundwork for the creation of a CERIC Regional Node

Promoting the entry of Ukrainian scientists into the European Research Area



