



MEMORANDUM OF UNDERSTANDING

BETWEEN

UNIVERSITY OF PETROSANI

AND

DNIPRO UNIVERSITY OF TECHNOLOGY

This MEMORANDUM OF UNDERSTANDING (hereinafter referred to as MOU) is by and between the University of Petrosani, Postal address, 322006, 20 University street, Petrosani, Romania which expression shall where the context so admits include its successors in title and assigns, of the one part,

AND

Dnipro University of Technology, Postal address, 49005, Ave. Dmytra Yavornytskoho 19, Dnipro which expression shall where the context so admits include its successors in title and assigns, of the other part.

University of Petrosani and Dnipro University of Technology are hereinafter referred to as Party and collectively as Parties.

PREAMBLE

University of Petrosani

University of Petrosani is a prestigious academic centre that has trained, during 75 years of higher education, 50,000 highly qualified specialists mainly for the mining industry, and, especially after 1990, for other fields of production, research, education and public administration as well. At the same time, the University of Petrosani is integrated into the international academic community sharing the European moral, educational, scientific and cultural values and collaborating with Universities in Europe, America, Asia and Africa.

The strong point of the development of internationalization at the University of Petroșani is the acquisition of the title of European University, by winning the

financing of the EURECA-PRO consortium, where we are partners with 8 more European universities and 32 associated partners, from Austria, Germany, Greece, Spain, France, Belgium and Poland. On this occasion, the University of Petroșani is part of the 10 Romanian universities that have acquired the title of European Universities. At the same time, as a complement to the establishment of this consortium, we also applied and obtained funding for the development of a Horizon2020 type project, also for the development of specific cooperation activities between the 7 partner universities, called RE-EURECA-PRO.

The University of Petroșani is an outstanding cultural and social institution in Hunedoara County, a comprehensive higher education centre and a source of educational and scientific influence at the national level. UP's mission is to generate and transfer knowledge to society through initial and continuous student training aimed at encouraging personal development, professional insertion in the labour market and by providing scientific, technical, economic, administrative, IT and management competences.

With strong academic traditions and prestige enjoyed at home and abroad as its roots, UP offers students high-quality qualification in a variety of subjects at the bachelor, master and PhD level. 3 faculties (Faculty of Mining, Faculty of Mechanical and Electrical Engineering and faculty of Sciences) with 24 undergraduate study programmes and 22 master studies, one doctoral school with 4 study fields, 5 research departments and 4 centres, host 4,500 students. Together with 300 staff members, these students work to achieve the University of Petroșani's mission.

UP research carries out fundamental and applied studies and research in the following fields: natural resources engineering and raw materials extraction, the improvement and automatic control of machines, installations and technological

processes, the evaluation of the impact of economic activities upon the environment, the rehabilitation of mining areas, the elaboration of new management, marketing, and entrepreneurial development systems and methods for innovation and organizational competitiveness.

Research activities at the University of Petrosani is mainly carried out by research teams consisting of faculty members, researchers, PhD candidates, students and external collaborators, in research centers and specific laboratories.

Experience has been accumulated through projects, grants and sectorial projects that are sustained by the research potential that should not be wasted. The new strategy is meant to ensure the maintaining of the positions in certain research fields, to make efficient use of the equipment acquired during the past years and to identify new pillars of research and innovation at regional, national and international level.

In 2009, 2015 and 2021, UP was evaluated by the Romanian Agency for Quality Assurance in Higher Education as a "High Trust" institution

Dnipro University of Technology

Dnipro University of Technology is a prominent Ukrainian higher education institution known for its extensive range of academic programs and robust capabilities across various disciplines. With 48 departments and 10 faculties, the university specializes in both technical and humanitarian studies, including engineering, business administration, and environmental protection. It serves over 11,000 students at undergraduate, master's, and doctoral levels, supported by more than 600 academic staff members, including 100 professors and 300 associate

professors, and a total of 1,400 staff, including 450 with academic ranks and 130 scientific support staff.

The university's academic structure encompasses multiple institutes and faculties, such as the Education and Research Institutes of Public Administration, Economics, Human and Social Sciences, Nature Management, Power Engineering, and others, along with faculties focused on Mechanical Engineering, Mining Engineering, Architecture, Civil Engineering, and Land Management, among others. This comprehensive organizational framework allows for interdisciplinary collaboration and specialized expertise in numerous fields.

Dnipro University of Technology is deeply engaged in international collaborations, actively participating in programs like Erasmus+ and Horizon Europe. It maintains partnerships with institutions across Germany, Poland, Austria, Spain, Turkey, and more. The university has a strong network of over 30 international scientific and educational projects, numerous grants, and dual training programs integrating academic studies with industry practices. Dnipro University of Technology is a member of international educational and scientific organizations and networks (EUA, BSUN, EAGE, IUR, IGIP, SEFI, WMC, WFURS and others). University is actively participating in EU program: Erasmus+ program activities, Horizon 2020 and other. Strong international cooperation in education and research are established with universities of Germany, Poland, Austria, Lithuania, Hungary, Croatia, Spain, Italy, France, China, Kazakhstan, Armenia, China, and other countries.

Dnipro University of Technology has a strong cooperation network with leading regional state and private enterprises, which provides platform for joint practical study and research projects for students and staff. Dual Training Programs with

these companies are established for Bachelors and master's successfully supporting the principle of Knowledge Triangle Integration (Higher education-Research-Business).

WITNESSETH:

NOW THEREFORE, for the purpose of promoting the increase of useful knowledge, and in consideration of the mutual promises and covenants herein contained, the Parties hereto agree as follows:

1. PURPOSE OF AGREEMENT

The purpose of this agreement is to develop academic and educational cooperation in all Schools/Faculties with respect to both undergraduate and postgraduate studies, between the two institutions and to cooperate in their mutual interest for a range of higher educational activities.

2. AREAS OF COOPERATION

Subject to the availability of funds, resources and approval of the authorized representatives of Parties, both institutions agree to develop programmes in the following areas the following collaborative or joint activities:

- (a) Research and/or training;
- (b) Joint grant applications ;
- (a) Lectures, symposia, international meetings, conferences, and workshops;
- (c) Exchange of faculty (researchers) and students;
- (d) Exchange of information, teaching materials and equipment;
- (e) Mutual use of research space;
- (f) Providing opportunities for professors and researchers to give lectures, and

- (g) Searching for opportunities to collaborate in the future;
- (h) Joint research, consultancies and dissemination of findings;
- (i) Joint community outreach projects

3. IMPLEMENTATION

- 1.1. All programs or activities implemented under the terms of this Memorandum of Understanding shall be mutually agreed upon in writing, including the necessary budget and contact person(s) for the program of activity as the need may arise.
- 1.2. Each of the participating institutions shall endeavor to contribute financially or materially for the activities carried out under its direction or by its staff, except as otherwise agreed by the parties.
- 1.3. The parties will designate a lead officer each who will develop and coordinate specific programs or activities between them.
- 1.4. The lead officer for lead for University of Petrosani is **Dr. Oana Ravas**, while the lead for Dnipro University of Technology shall be **Kateryna Priazhnikova**.

4. CONTACT PERSONS

Each party agrees to nominate the following authorized representatives as their primary contact for the accomplishment of the objectives in the MOU:

University of Petrosani
Dr. Oana Ravas
Head of International
Relations Department
oanaravas@upet.ro

Dnipro University of Technology
Kateryna Priazhnikova
Deputy Director of the Center
for International Cooperation
priazhnikova.k.v@nmu.one

5. INTELLECTUAL PROPERTY

- 1.1. Both institutions will ensure that any results and publications originating from this collaboration will be available, accessible to University of Petrosani and Dnipro University of Technology.

6. EFFECTIVE DATE, DURATION AND RENEWAL

- 1.1. This MOU will become effective after signature by the authorized representatives of University of Petrosani and **Dnipro University of Technology**, and shall remain effective for a period of five (5) years and may be renewed subject to mutual discussion and approval in writing.

7. GOVERNING LAW

- 6.1 Both PARTIES agree that they will follow all applicable laws and regulations in both countries as they exist today as well as in the future, including but not limited to any privacy legislation.

8. AMENDMENTS

- 1.2. This MOU may be amended by a written agreement signed by the representatives of both institutions.
- 1.3. In the event of any unforeseen incident during collaborative activities in either institution, Parties agree to negotiate a mutually acceptable solution.
- 1.4. Should any disagreement arise out of the application, interpretation or implementation of this Agreement, the institutions shall endeavor to exercise best efforts to negotiate their differences.

9. DISPUTE RESOLUTION

Parties shall consult with each other and attempt to resolve disputes or misunderstandings arising in the administration of this MOU informally. Where informal resolution fails, recourse shall be had to Arbitration, which shall be governed by the UNCITRAL Arbitration Rules (2010).

10. FORCE MAJEURE

Neither party shall be liable to the other for its failure to perform any of its obligations under this MOU during any period in which such performance is delayed or rendered impracticable or impossible due to circumstances beyond its reasonable control, including without limits to earthquakes, government regulations, fire, flood, labor facilities, interruption of supply of key materials, civil disorder, terrorism and acts of God, provided that the party experiencing the delay notifies the other parties within seven (7) days from the commencement of such delay.

11. SEVERABILITY

The termination of this MOU shall not affect the implementation of the projects or programmes established under it prior to such termination.

12. TERMINATION OF AGREEMENT

This MOU may, at any time during its period of validity, be terminated by either party upon one (1) year prior notice to the other in writing, provided that such termination shall not affect the completion of any program or activity underway at the time the notice of termination is given.

IN WITNESS WHEREOF the Parties through their duly authorized representatives hereto execute this Agreement as follows:

SIGNED AND DELIVERED by the authorized representatives of University of Petrosani

.....
Prof. Sorin Mihai Radu
RECTOR



Date:.....

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Date:.....

SIGNED AND DELIVERED by the authorized representatives of Dnipro University of Technology

.....
Prof. Oleksandr Aziukovskyi
RECTOR



Date:.....

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Date:.....