

Project sites info

Project title:

Cooperation partnership for innovation and development of green skills & knowledge enabling transformation and change for greening jobs and enterprises” – acronym: **educate4green**

Project key governance principle:

- 1) The decisions are based on trust, openness, and constructive communication.
- 2) The partnership shares an internal communication network as openness and constructive as possible.
- 3) The responsibilities for conflict resolution rely on the coordinator and on the leaders from partners.
- 4) The partnership commits a proactive style to avoid the escalation process: whenever necessary, each leader identifies the causes of conflict and acts to resolve the issues.
- 5) Communication for reporting and monitoring is done on scheduled basis in Transnational Project meetings TPM for coordination purpose and on quarterly basis in local project meetings - LPM.

Project SCOPE

The project aims to accelerate the development of green knowledge and skills of students, teachers and practitioners by designing, implementing and scaling-up an **Innovative Educational Model** framed by transnational, trans-disciplinary and forward-looking approaches in business & engineering fields toward greening jobs & enterprises, and a sustainable growth.

This project is achieving through 3 Specific Objectives:

01.

To decrease the current green skills gap by designing an Innovative Educational Model, that support teaching and learning for green knowledge & skills, based on active involvement of students, teachers, and practitioners in surveying learning needs in peer-learning and exchange of experience for greening jobs & enterprises.

02.

To strengthen the transformative potential of partners organizations for greening & digital readiness, by engaging of HE learners (HE students, teachers, and practitioners) in peer-learning of forward-looking curricula in a mix of blended learning sessions, learners in transnational teaching and learning activities, to test and to adjust the Innovative Educational Model, fostering innovation in business & engineering, and the acquisition of skills for greening jobs & enterprises.

03.

Share the results of Innovative Educational Model and promote transformational changes toward green & digital transition, by engagement of transnational learners in gathering lessons learnt, transnational participants in scaling-up trans-disciplinary and forward-looking approaches in business & engineering fields, for development of green skills and sustainable growth.

Work package – “Project Management”

The partnership adopts an effective internal monitoring mechanism based on quality cycle (i.e. design, implement, check and adjust) which guarantees the quality of project activities, results and deliverables.

- ✂ **Designing** quality assurance measures (i.e., QA plan)
- ✂ **Monitoring progress:** management team composed by team leader from each of the partner
- ✂ **Internal quality control:** quality team continuously collects, reviews, and evaluates all intermediary versions of project results
- ✂ **Final evaluation:** quality team checks the final indicators against the planned values.

Project Partners

Project coordinator
P1 - University POLITEHNICA of Bucharest / RO / Bucharest
P2 - EUROTRAINING SOLUTION SRL / RO / Bucharest
P3 - S.C. INFORELEA / IT / San Secondo di Pinerolo
P4 - Lodz University of Technology / POLITECHNIKA LODZKA / PL / Lodz
P5 - UNIVERSITY OF RUSE "Angel Kanchev" / BG / Ruse

Project coordinator

P1 - University POLITEHNICA of Bucharest / RO / Bucharest

Background and experience

The University POLITEHNICA of Bucharest (UPB) (<http://www.upb.ro/en/>), founded in 1948, is the most prestigious school of engineers in Romania and consists of 15 faculties currently providing courses for undergraduate, master and PhD degrees in different engineering areas. UPB has more than 27,000 students and the academic activities are provided by an average number of 1382 teachers which support the development of its cultural and entrepreneurial dimension.

UPB is fully aligned to the EU dimension by active membership in different international networks and well-known associations such as European Engineering Learning Innovation and Science Alliance (ELISA), European University Association (EUA); Black Sea University Network (BSUN); IDT - Innovative Doctoral Training; TFE - Task Force Entrepreneurship; GES - Gender Equality Survey; Agence Universitaire de la Francophonie (AUF); European University Association-Council for Doctoral Education (EUA-CDE); Advanced Engineering Education and Research (CESAER).

One component of UPB mission is to train engineers capable of adapting to the requirements of the market economy and new technologies, with economic and managerial knowledge and promote the principles of sustainable development and environmental protection. It is committed to achieving carbon neutrality by 2040 and to becoming zero waste by 2035, by bolstering education initiatives, and implementing changes in the campuses' infrastructure, supply chain and waste collection programs, and to act toward achieving sustainable development goals, in line with 2030 Agenda, and with the strategic framework for European cooperation in education and training towards the EEA and beyond (2021-2030).

The strategic directions of UPB are steering toward unlocking the potential of innovation, stimulating civic engagement and social inclusion, encouraging diversification of the way of learning by the use of technology, diversifying collaboration, promoting and increasing the mobility of teachers, students and researchers. This is put in place through its internationalization strategy based on strategic cooperation, partnerships, and capacity building with universities in Europe and all over the world, and by active involvement in numerous

international projects as FP6, FP7, Horizon 2020, NATO, Leonardo da Vinci, PHARE, COST, EUREKA, Tempus, Erasmus +, etc., and more than 181 cooperation agreements with HEIs from Europe, America, Asia and Africa.

Partner

P2 - EUROTRAINING SOLUTION SRL / RO / Bucharest

Background and experience

S.C. EUROTRAINING SOLUTION srl. (ETS) is a private entity classified as a SME, which aims to provide vocational training for adults and consultancy services in the entrepreneurship, business management and technical fields.

Over 15 years, ETS has been operating as a professional training provider, being authorized by the Minister of National Education and the Ministry of Labour and Social Justice through the Bucharest authorizing committee, in accordance with relevant Romanian legislation (republished as OG 129/2000).

The ETS beneficiaries entail a wide range of practitioners, specialists, managers, and entrepreneurs from private and public institutions, and from different domains such as transport and distribution of electric energy, oil and gas sector, industrial space maintenance, engineering and consulting services, maintenance and design of electric installations, R&D, ITC and public administration, etc. In the last four years, the number of trainees has reached 2284 people.

The ETS training expertise reaps the full benefits of synergies brought by sustainable management development, covering a wide spectrum of sustainability-related areas with different foci on innovative business management, risk management, entrepreneurship, quality management systems, social entrepreneurship, environmental auditor, and entrepreneurship and digital competencies.

ETS operates in accordance with a quality management system (SMC) that upkeeps the SR EN ISO 9001:2015. The company is attested by TUV Austria Cert GmbH to provide adult professional training services, as well as technical consultancy and management services.

During 2007-2021, ETS was involved as a partner in 9 (nine) EU-financed projects with components related to sustainable development and activities for the sustainability of the environmental pillar (courses and seminars on environmental issues, consulting / monitoring of start-up companies, etc.) as:

- The "Home is best – Entrepreneurial start-up for the diaspora"; online tutoring to advance the entrepreneurial abilities of 123 persons of the Romanian Diaspora; with embedded components of social responsibility and collaborative economy.

- "Innovative solution for enhancing social responsibility education and civic skills in creating sustainable businesses, Edu4Society" Erasmus+; online course "Transparency in the sustainable development of organisations" delivered to 20

Romanian companies.

- "Digital Skills Program for SME Employees - Digitalize IT - Digital Skills for Employees", with 12 courses provided in information technology and cyber security and embedded environmental issues.

ETS is committed to assuming an active role in transferring its knowledge on CSR and sustainable business and entrepreneurship, multiplying the good practices in learning for environmental sustainability.

Partner

P3 - S.C. INFORELEA / IT / San Secondo di Pinerolo

Background and experience

INFOR ELEA is a consortium of companies and it is a merger of two big training companies: INFOR established in 1994 and ELEA founded in 1979 by the OLIVETTI Group. It is made up by a group of both public and private institutional and economic partners including the Scuola di Management e Economia (School of Management and Economy) – University of Turin.

INFOR ELEA headquarter is situated in San Secondo di Pinerolo, near Turin, with several offices spread across in Piedmont Regione and Italy: Torino, Rome, Florence, Asti, Alessandria, Cuneo and Pinerolo.

INFOR ELEA is officially recognised as a training centre by the local authority Regione Piemonte, and it is considered as an Italian leader for what concern training activity as support for technological, organisational, cultural and behavioural change management of companies. INFOR ELEA is fully linked with the academic world, being able to suitably integrate the emerging knowledge in sustainable management developments with the learning and training requirements and experience of different categories of adult learners (practitioners, trainers, researchers, specialists, managers, and entrepreneurs). It is also concerned with industry 4.0, spreading the culture of sustainability, sharing skills and experiences with the purpose of increasing the positive impact in terms of economic, social and environmental actions.

Alongside this, INFOR ELEA designs carry out and follows-up professional development training, lifelong learning & training, academic masters, e-learning, apprenticeships training, transnational mobility projects for unemployed people, study visits for transnational entrepreneurs/employees/unemployed people. Furthermore, it carried out activities and projects financed by European Social Fund, Interreg II, Lifelog Learning Programme, Inter-professional funds, National and Local Authorities public financial resources.

Since 2002 INFOR ELEA has been awarded the certifications of UNI EN ISO 9001 2008 for its project planning and training activities. Starting from 2019, InforElea is managing the Digital Transformation & Industry 4.0 Program with the aim of providing the qualified skills of strategic and managerial reference on the evolution of industrial business and services in the context of digital transformation.

Also, it has been engaged in numerous international projects financed by European Social Fund, Interreg II, Lifelog Learning Programme, Inter-professional funds, National and Local Authorities public financial resources. Together with academic partners, INFOR ELEA is also involved in developing scientific research, experience exchange and international training activities thanks to its previous experiences on the whole managing chain of transnational projects.

INFOR ELEA is committed to assuming an active role in building a network of international contacts for professional development, transferring, and sharing good practices in learning for environmental sustainability.

Partner

P4 - Lodz University of Technology / POLITECHNIKA LODZKA / PL / Lodz

Background and experience

Lodz University of Technology (TUL) is a public technical university established in 1945. It ranks as the 4th best technical university and the 3rd most innovative HEI in Poland (Perspektywy 2020 University Ranking). It offers 60 engineering study programmes taught at 9 faculties for about 13 thousand students. Doctoral training is provided by the newly established Interdisciplinary Doctoral School (IDS) which offers multiple unique prospects of development for PhD students.

TUL's staff consists of over 1500 academics committed to providing high-quality education with the use of innovative student-oriented teaching methods e.g. Project Based Learning, Design Thinking, Flipped Education and Tutoring.

Internationalization is of key importance for TUL's development strategy. The University's cooperation network involves over 400 partnerships with institutions from all over the world committed to joint science, research, and student exchange initiatives. In 2017 TUL established the International Cooperation Centre (ICC) which coordinates the university's internationalization policy. The ICC has been recognized with the "Leaders in University Management - LUMEN 2019" award for the first 2-year stage of its activity. TUL is also a holder of the prestigious European Commission-awarded ECTS Label Certificate, Diploma Supplement Label as well as the HR Excellence in Research title.

International accreditations are an important aspect of raising the quality of education at TUL, which, apart from quality certification of a given degree programme, allows for its improvement according to the highest world standards. As part of international programme accreditations, TUL has joined 17 ENAEE (European Network for Engineering Accreditation), 2 ABET (Accreditation Board for Engineering and Technology) and 3 ECTN (European Chemistry Thematic Network) programme accreditations. The high quality of education in foreign languages and the university's commitment to quality development of language competencies has been confirmed by the EAQUALS international accreditation (European Association for Quality Language Services) granted to the Language Centre of

TUL. TUL is also the first Polish university to receive the French academic accreditation – HCERES (2020-2025) and one of five Polish HEIs that have undergone an evaluation of the EUA Institutional Evaluation Programme and may use the EUA–IEA quality label recognized throughout Europe.

The University participates in numerous EU co-financed projects in the framework of Erasmus+ KA1 and KA2, which aim is to increase the quality of the mobility, graduate employability and innovation in higher education.

The Institute of Marketing and Sustainable Development is the newly established department in the Faculty of Organization and Management (FOM) of TUL.

Partner

P5 - UNIVERSITY OF RUSE "Angel Kanchev" / BG / Ruse

Background and experience

University of Ruse "Angel Kanchev" (URAK), established in 1945, has over 600 staff of which about 490 are academics. UR has 130 laboratories and 26 other facilities, and over 190 PhD students. In addition, the university has a number of specialized centres, some of them are: Centre for Further Education (CFE); Distance Learning Centre (DLC), University Career Center (UCC); Center for International Cooperation and Mobility (CICM); Bulgarian-Romanian Interuniversity Center (BRIE), etc.

A great strength of the University of Ruse is the opportunity to have academics from different scientific fields.

The main goal of URAK is its development and recognition as a significant regional and national educational and research institution, as well as its becoming an indelible part of the European education and research space.

The mission of the University is based on the experience it has accumulated during its long existence, which justifies the significant place it has taken in the family of higher institutions in Bulgaria. There are 20 professional fields that have been granted programme accreditation in the following areas of higher education: Educational Studies; Social, Economic and Law studies; Natural Sciences, Mathematics, and Informatics; Technical Studies; Healthcare, Social Activities and Sports.

Since 2020 it is the leading partner of the scientific infrastructure project „Digital technological systems for the clean and secure environment – 5D ALLIANCE" within the National roadmap for scientific infrastructure and the European roadmap for scientific infrastructure.

The URAK's Internationalization strategy is supported by a variety of sources: participated in over 200 international projects, such as TEMPUS, FP7, etc. ; regular member of the European University Association (EUA), the Conference of Rectors of universities from Danube countries (DRC), Visegrad University Association and Interuniversity Center – Dubrovnik; more than 200 multilateral and bilateral agreements with universities from 30 European countries; co-founder and member in RESITA – Academic Entrepreneurship and Innovations network of South-Eastern-European universities.

Since 2009 URAK's team within the RESITA network publishes the online-based Journal of Entrepreneurship and Innovation. In 2013 UR was selected on 4th place in the national selection for European Enterprise Promotion Awards and since 2014 URAK participates very actively the HEInnovate concept.

There are 8 faculties in the structure of the University such as the Faculty of Business and Management (FBM). The academics has participated in a variety of local, national and international activities, related to entrepreneurship, innovations, technology development for different business sectors, technology transfer, ecology, healthcare, social welfare, etc.