



MINISTERUL EDUCAȚIEI NAȚIONALE
Universitatea Tehnică „Gheorghe Asachi” din Iași
Strada Prof. dr doc. D. Mangeron nr.67, 700050 Iași
ROMÂNIA
Tel: 40 232 212322; Fax: 40 232 211667
URL: www.tuiasi.ro; E-mail: rectorat@tuiasi.ro
RECTORATUL



Letter of Intent

Associated Partner of

GrEnFln: Greening Energy Market and Finance

Erasmus+ Knowledge Alliances
Call EAC/A03/2018 - GA 612408

I, the undersigned **Dan CAȘCAVAL** hereby declare that the organisation "**Gheorghe Asachi**" **Technical University of Iași, Romania** expresses the intent to become an associated partner to the Erasmus+ Knowledge Alliances Project '*GrEnFln: Greening Energy Market and Finance*', coordinated by University of Bologna in cooperation with a Consortium of 13 partners, listed in the following:

- P2 - Ludwig-Maximilian University Munich (LMU) - Germany
- P3 - Birkbeck College London (BIRKBECK) - UK
- P4 - Vienna University of Economics and Business (WU) - Austria
- P5 - University of Katowice (UEK) - Poland
- P6 - University Paris-Dauphine (PARIS-DAUPHINE) - France
- P7 - Tauron Energia (TAURON) - Poland
- P8 - Institute of Pure and Applied Mathematics (IMPA) - Brasil
- P9 - Hera srl (HERA) - Italy
- P10 - Pixel (PIXEL) - Italy
- P11 – Ego Energy srl (EGO) - Italy
- P12 - Planet Sustainable Energy LDA (PSE) - Portugal
- P13 - My Energia Oner SL (MIWENERGIA) - Spain
- P14 - Speed Development Consultants (SPEED) – Greece

Within the next 3 years, GrEnFln KA/ERASMUS+ project aims to design, test and pilot a joint/multiple educational path and a professional module targeted to a new professional figure, i.e. the Energy Expert. Given his expected key role in favoring the transition to a more sustainable economy, the EE must combine a number of competences usually belonging to different profiles as the engineering knowledge of the green sources of energy, the competences in sustainable economy and the quantitative skills in risk management and financial engineering. As matter of fact we believe that only this interdisciplinary approach could allow HEIs to educate such a pivotal actor able to assure for a vital economy with an environment-preserving behavior. In the feasibility matter, the important role of the financial knowledge is discovered to be undeniable in order to realize the sustainable diversification of

energy's supply thanks to a natural risk control policy and hedging.

Considering the objectives of the Project and in particular his commitment to face the new challenges of a transforming world with an inclusive global view by:

- Contributing to the decarbonizing process of the EU economy through investment in knowledge and competences for either high education and professional training in the Energy Sector
- designing an innovative and interdisciplinary European approach and framework to educate the "hero of the green economy", i.e. the Sustainable Energy Expert, having the pivotal role to assure for a vital economy with an environment-preserving behavior of companies and stakeholders
- developing and consolidating a long-lasting network and cooperation among industries and academia in the Energy Sector
- disseminating the best practices to address energy cross-border challenges in view of a sustainable development of the EU

Considering the mission of the institution,

The "Gheorghe Asachi" Technical University of Iasi (TUIASI) is among the oldest and well known institutions from the country, having an important tradition in engineering, scientific and cultural education, with a distinguishable presence on the international level. The university trains engineers with high qualifications, able to respond quickly and efficiently to the requirements of innovation, research and economic development. Moreover, the university carries on programs designed to continuously upgrade the engineers' professional skills imposed by the tendencies appeared at a global level.

In a world of constant change, the higher education institutions are expected to establish standards and guiding marks in society and to support the training of experts and shape characters meant to watch over them. TUIASI, as a higher education institution, has to anticipate and react to the changes that take place on different social levels. The university's main task is to find an equilibrium between the alignment to new paradigms and the conservation of its primary mission. Therefore, nowadays, the main objective of our university is to create a coherent, but flexible system meant to generate knowledge and guide towards its functional adjustment to the social structures.

TUIASI is highly receptive to the embracement of the European system values, both in education and research, being fully aware of the importance of its both national and international responsibilities. Auspiciously, the institution plans to develop the curriculum, to join the mobility schemes and the integrated programs of study, education and research. TUIASI has managed to strengthen its standards and achieve globally certified outstanding progress. Specifically, all of the TUIASI development indicators support that assessment. These include diversification of specialization, the number of students and faculty members, research field decision-making autonomy, international cooperation opportunities and quality of education in most specialties.

The university has resources of intelligence and creativity, as well as the necessary competence for accomplishing the complex mission to generate, preserve, disseminate and apply the accumulated scientific knowledge. It is concerned with establishing a system for quality assurance and academic excellence in teaching, scientific research and education, system based on the criteria and the methodologies compatible with those from the European countries. The "Gheorghe Asachi" Technical University's operative strategy is designed to achieve optimal development regarding its foremost activity fields: education, scientific research, as well as institution's involvement in social, economic and cultural activities.

Considering the convergence between the objectives of the Project and the mission of the organisation I represent,

by signing this Letter of Intent I hereby declare the intention of the organisation I represent to cooperate with the GrEnFln consortium and to become an associated partner of the Project. The organisation I represent agrees to:

1. *Support the dissemination and exploitation of the GrEnFln project activities and results*
2. *Support the Project consortium in the identification of specific needs of the Energy Sector*
3. *Support the Project consortium giving advise and proposing adjustment of the course and the professional module*
4. *Participating in the Summer Schools to give specialized lectures or seminars in related fields:*
5. *Provide Internship dedicated to GrEnFln students*

Signing this letter of intent, "GHEORGHE ASACHI" TECHNICAL UNIVERSITY of IASI authorizes the University of Bologna as the project applicant to publish the associated partner data provided in the Form enclosed, entirely or extracts, on the project related documents both on paper and on-line (e.g. project web site, etc.)

Iasi, 07.08.2020



Rector,

Prof. univ. dr. ing. Dan CAȘCAVAL

Contact person: Prof. univ. dr. ing. Mihai Gavrițaș.

Position in the organization: Head of the Power Engineering Department.

Contact details: mgavril@tuiasi.ro .