



Letter of Intent Associated Partner of GrEnFln: Greening Energy Market and finance

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

I, the undersigned Georgios C. Christoforidis hereby declare that the organisation, University of Western Macedonia (UOWM) – Department of Electrical and Computer Engineering, Karamanli & Ligeris, GR-50100, Kozani, Greece, 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 University of Western Macedonia (UOWM) was initially founded in Kozani in 2003. In 2019 the University of Western Macedonia was merged with the Technological Institute of Western Macedonia. In its current form, the University of Western Macedonia operates with 7 Schools and 22 Departments, located in 5 cities of the Region of Western Macedonia. The School list of the University consists of the following: School of Engineering, School of Economic Sciences, School of Fine Arts, School of Agriculture, School of Humanities and Social Sciences, School of Science and School of Health Sciences.

The Department of Electrical and Computer Engineering (ECE) is located in Kozani and belongs to the School of Engineering of UOWM.

ECE is the largest department of UOWM and has modern technological infrastructure. Since its establishment, the goal of the Department is the promotion of the science and technologies of Informatics, Telecommunications, Electronics but also Circuits and Energy. Through teaching, research and practical application, the Department prepares Engineers with all the necessary skills and knowledge to be able to monitor developments in the constantly evolving areas of Electrical and Computer Engineering.

Specifically, the ECE Department promotes and cultivates knowledge in the following subjects:

- Energy
- Computer Science
- Software and Systems Technologies
- Signals, Telecommunications and Networks
- Electronics and Electrical Engineering

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

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

- 1. Support the dissemination and exploitation of the GrEnFIn 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 GrEnFIn students*
- 6. Assign the coordination of the project in our organization to Assistant Professor Aggelos Bouhouras*

Signing this letter of intent, University of Western Macedonia (UOWM) – Department of Electrical and Computer Engineering, 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.)

Kozani, 07/12/2020

Prof. Georgios C. Christoforidis

Head of Electrical & Computer Engineering Department