



Letter of Intent
Associated Partner in the Erasmus+ Knowledge Alliances Project
GrEnFIn: Greening Energy Market and finance

I, the undersigned Alfredo Contin hereby declare that the Department of Engineering and Architecture (DIA) of the University of Trieste expresses the intent to become an associated partner to the Erasmus+ Knowledge Alliances Project '*GrEnFIn: 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 - Germany
- P3 - Birbeck College London - UK
- P4 - Wien University of Economics and Business - Austria
- P5 - University of Katowice - Poland
- P6 - University Paris-Dauphine - France
- P7 - Tauron Energia - Poland
- P8 - IMPA– Institute of Pure and Applied Mathematics -Brasil
- P9 - Hera - Italy
- P10 - Pixel - Italy
- P11 - EgoTrade srl - Italy
- P12 - PSE-Planet Sustainable Energy LDA - Portugal
- P13 – My Energia Oner SL - Spain
- P14 - Speed Development Consultants - Greece

Within the next 3 years, GrEnFIn 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 and the characteristics of the Department of Engineering and Architecture of the University of Trieste, which is a community of about 100 faculty, 100 affiliated researchers and PhD students, 30 technical and administrative staff, and over 2000 students, in terms of education and research:

- Education. DIA offers four bachelor degrees (“laurea triennale” in civil and environmental engineering, industrial engineering, electronic and computer science engineering, naval engineering), thirteen master degrees (“laurea magistrale”) in disciplines covering the entire spectrum of the engineering and architecture disciplines. In most of the courses of studies, special attention is paid to energy and sustainability. Since 2010, the Department is the key organizational body of the Summer School on Energy “Giacomo Ciamician”.
- Research. The faculty and affiliated researchers at DIA are organized in over thirty research groups and laboratories, often operating in synergy and with a broad network of national and international collaborations with other research institutions and companies. The expertise of the research groups is applied to a number of transversal areas, such as:
 - Energy and Sustainability
 - Civil Engineering, Architecture and Spatial Planning
 - Biotechnology
 - Materials, product and process design
 - ICT
 - Decision making science
 - Naval Architecture and Marine Engineering

In particular, the Department regularly hosts and/or leads a number of research projects (for a total of over 5 M€ over the past 3 years) dedicated to Energy and Sustainability.



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 GrEnFin consortium and to become an associated partner of the Project. I delegate professors A. Massi Pavan and V. Lughì in coordinating the relationships between GrEnFin and DIA.

DIA 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*

Trieste, October 2nd, 2020



Alfredo Contin

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