

RURAL DEVELOPMENT BY RENEWABLE ENERGY

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PRACTICI INOVATIVE ÎN DOMENIUL ENERGILOR REGENERABILE PENTRU CREȘTEREA ANGAJABILITĂȚII ÎN MEDIUL RURAL

*Innovative Practices in Renewable Energies to Improve Rural
Employability*

IN2RURAL

"IN2RURAL" - ERASMUS + KEY ACTION 2, COOPERATION FOR INNOVATION AND EXCHANGE OF GOOD PRACTICE.

ACTION: STRATEGIC PARTNERSHIP IN THE FIELD OF EDUCATION, TRAINING AND YOUTH.

DOMAIN: UNIVERSITY EDUCATION.

PROJECT DURATION: 2014-2017

PARTENERI



UNIVERSITATEA JAUME I, Castellon, SPANIA,

<https://ujiapps.uji.es/>

He has extensive experience in managing the educational programs of the European Union (Jean Monet, Grundtvig, Master Programs, etc.).

13 993-students



HELIOTEC (SPANIA)

<http://www.heliotec.org/en/index.html>

It is considered to be a leading company in the photovoltaic sector in the Castellón province. Heliotec acts as a consultant on photovoltaic projects in countries where solar energy is not a mature industry such as El Salvador and Algeria.



„Vasile Alecsandri” University of Bacau

<http://www.ub.ro/en/>

- ❖ With experience in managing European projects.
- ❖ The activities of some of its projects required close cooperation with rural areas. He has produced the Sustainable Energy Action Plan for a group of 12 rural communities. The plan was approved by the Mayors' Convention



GENERAL ELECTRIC

www.general-electric.ro

The private company was established in 1994 and has the main activity of designing and executing electrical installations, automation and data transmission and telecommunication systems. At the moment, the Vutcani Wind Farm Maintenance Project is completed, finished in 2012, with an installed capacity of 24 MW.



KÁROLY RÓBERT UNIVERSITY COLLEGE (UNGARIA)

http://honlap.karolyrobert.hu/h_en/

- ❖ This public higher education institution has extensive experience in various types of EU funded projects such as Jean Monnet, Erasmus Intensive Programs, Leonardo da Vinci Partnerships and CEEPUS.
- ❖ The University has experience in research and development activities in the field of renewable energies, focusing in particular on the possibilities of biomass production and use in rural areas.

GEOLIN GEOLIN (UNGARIA)

It is a spin-off company, Geolin Bt members are active cadres in the field of higher education, regional and rural development and have numerous biomass-related publications in internationally recognized journals. Geolin is familiar with both EU-funded projects and education-related activities.

DESPRE PROIECT

• **Origin - Erasmus intensive "IT Forest - Innovative Training in Forest Biomass for Sustainable Rural Development" - <http://www.itforest.uji.es>**

• **The general objective of IN2RURAL - to promote innovative practices in the renewable energy sector to improve the employability of students in rural areas in Bacau (Romania), Castellón (Spain) and Gyöngyös (Hungary)**

• **Specific objectives**

Increase the applicability of learning processes by strengthening the relationship between universities and SMEs,

Identifying and improving key competences for professional insertion in this sector,

Introducing new educational methods,

Strengthening the degree of internationalization,

Project management procedures and sustainability of organizations,

Promoting the active participation of geographically disadvantaged groups,

Improving student training for the professional world.

Project beneficiaries - students involved in renewable energy and rural development projects.

ACTIVITIES

Applied research for the creation, promotion, development and / or transfer of good practices in the main areas of knowledge covered by the project,

Specialized training with an innovative approach based on interdisciplinarity (employment, renewable energies and rural development).

Dissemination and exploitation of project results to the specialized public.

INTELLECTUAL OUTPUTS

Study of future prospects and future training requirements in the field of renewable energies for local development

Opinion poll, consultations with important institutions in the field and the county

Developing a collaborative network to identify local socio-economic needs and capacity to act in the field of renewable energy for SMEs

General Electric S.R.L.

Electrotehno S.R.L.

DTV project

Electro Standard

Bacău Local Development Agency

Bacau Chamber of Commerce and Industry

INTELLECTUAL OUTPUTS

Open Educational Resources for Effective Use of Virtual Learning Platform and ICT Tools for Online Courses

Manual on the use of virtual learning platforms to increase the skills of teachers and learners in the use of e-learning systems; On-line teaching and assessment, etc.

Online English language technical courses for renewable energy and local development

Manual and dictionary of technical terms

Increasing skills in using English

Developing online courses on renewable energies for local development

The handbook will deal with three types of renewable energies: photovoltaic, wind and biomass

INTELLECTUAL OUTPUTS

The handbook will cover the training needs identified by the market survey previously conducted.

Universities and SMEs will work together to design and develop a technical-theoretical and practical knowledge guide needed to efficiently design and manage each renewable energy facility.

All the materials will be posted on-line and accessible to the students of the three universities and SMEs participating in the project.

Student participation in on-line English language technical and renewable energy courses for sustainable development

Practical training of students in SMEs with case studies

INTELLECTUAL OUTPUTS

Course on Active Search for Renewable Energy Jobs in Rural Areas

Assessment of student participation in on-line courses and practical internships.

COLLABORATORS

