

# Innovative Practices in Renewable Energies to Improve Rural Employability

Dr. Bujdosó Zoltán  
project manager

# The importance of renewable energies in rural areas

- ▶ Utilization of renewable energies is important concerning our environment
- ▶ □ as well as in creation of new workplaces
- ▶ □ Development of rural areas
- ▶ □ The goal of the European Union: 20% of energy consumption from renewable energia resources by 2020

# Aims of the project

- ▶ The general objective of IN2RURAL is to promote innovative practices in the renewable energies sector to improve the employability of university students in the rural areas of Bacau (Romania), Castellón (Spain) and Gyöngyös (Hungary).
- ▶ In order to contribute to the sustainability of the territory, the project integrates the three axis of local development: economic, social and environmental.

# Innovative Practices in Renewable Energies to Improve Rural Employability

- ▶ Project Title: Innovative Practices in Renewable Energies to Improve Rural Employability □ Project Acronym: IN2RURAL □ Project Start Date: 01-09-2014  
Project Total Duration: 36 months Project End Date: 30-08-2017

# Partners

- ▶ IN2RURAL partnership integrates public universities and SMEs:
- ▶ Universitat Jaume I (UJI) and
- ▶ UMANS from Spain,
- ▶ Vasile Alecsandri University of Bacau (UBc) and General Electric (GE) from Romania,
- ▶ EKE Karoly Robert Campus (EKUAS) and Geolin (GEO) from Hungary.

# Project activities

- ▶ Based on the needs analysis and the established goals, various activities will be carried out during the three-year duration of the project, including the following:
  - ▶ □ study of prospective and training needs of renewable energies for local development;
  - ▶ □ creation of a collaborative network among SMEs related to renewable energy; □ course in technical English for renewable energies;
  - ▶ □ course in renewable energy for local development;
  - ▶ □ compilation of case studies applying renewable energies to local development;
  - ▶ □ active job search course for renewable energies in rural areas;
  - ▶ □ public seminars to share the outputs of the project;
  - ▶ □ international mobility of university students.

# Training needs in renewable energies for local development

Study of prospective and training needs of renewable energies market for local development

Coordinated by:  
Leonor Hernández, Joan Raül Burriel, Zoltán Bujdosó and Liliana Topliceanu



**CELEBRACIÓN DE LOS CINCUENTA AÑOS DE LA INDEPENDENCIA DE HUNGRIA**

Este documento es un estudio de las necesidades de formación en el sector de las energías renovables en Hungría. El estudio se realizó en el marco del proyecto IN2RURAL, financiado por el programa Erasmus+ de la Unión Europea. El estudio se realizó en colaboración con el equipo de investigación de la Universidad de Castellón de la Plana (España) y el equipo de investigación de la Universidad de Debrecen (Hungría).

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**MEGNEVELÉS ÉRTELMESEK A SZÁLLÉKÉPÍTÉS ÉS A HATÉKONYSÁG TERVEZÉSÉNEK TERÜLETÉN**

Magyarországon az energiatermelés és a hálózati csatlakozás területén a megújuló energiák iránti érdeklődés egyre növekszik. Ez a tanulmány célja, hogy megvizsgálja az energiatermelés és a hálózati csatlakozás területén a megújuló energiák iránti érdeklődés növekedését.

- OBJECTIVES**
- 1. To analyze the opportunity of the training courses to improve the efficiency of the energy production and distribution.
  - 2. To identify and define the requirements for the development of the courses.
  - 3. To identify the educational needs and requirements.
  - 4. To propose the implementation of the courses.
  - 5. To evaluate the implementation of the courses.
  - 6. To ensure the sustainability of the courses for the long term.

- CONCLUSIONS**
- 1. The study shows that there is a growing need for training courses in the field of renewable energy production and distribution.
  - 2. The study also shows that there are several requirements for the development of the courses.
  - 3. The study concludes that the implementation of the courses is essential for the development of the renewable energy sector in Hungary.

**Leonor Hernández López**  
IN2RURAL Coordinator and Associate Professor of the Department of Mechanical Engineering and Construction at Universitat Jaume I (Spain)

I HEREBY DECLARE:

That *Csaba Patkós*, with ID number *542327HA*, has imparted the Module Biomass energy of Renewable energy for local development online course, held from 25 April - 16 May 2016. This international course has been taught in English and is part of the Erasmus+ project "IN2RURAL. Innovative Practices in Renewable Energies to Improve Rural Employability", agreement number 14-I-ES01-KA203-004740.

The workload of this course is equivalent to 1 ECTS.



Castellón de la Plana  
29 July 2016



# Thank you for your attention!

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