

1. RENERG EUREG

The **main objective** of this project is to enhance the capacity of CENTRU and Brandenburg Regions and of its regional stakeholders in planning and using the local and regional renewable resources as a solution for a sustainable economic development, in the context of the new knowledge-based economy, by promoting the innovation and strong connections between research and economic environment as a regional policy.

The achievements of the first year of the project implementation focused mainly the identification of relevant regional stakeholders and organisation of a structure (research cluster) capable to polarise the knowledge of research and universities in the field of renewable energy systems, the interest of companies, the only capable to intensify the economic activity in this sector and of the local authorities, responsible with facilitating the access of investors to local resources – either human or material –contributing to the sustainable development of the region.

Intensively promotion of renewable energy systems and benefits for population was done within the knowledge transfer work package. Presentation of different experiences and expertise that Lusatia Region already experienced in building an “Energy Region” was welcomed and found a lot of interest among the regional stakeholders.

Project management and dissemination were important activities in the first year on project implementation. Start-up conference, project web page and project brochures were provided as tools for dissemination of the project.

A consortium agreement was signed by project partners and roles and responsibilities were allocated to each partner in relation to project activities.

One of the main goal of the project consortium during the second year of project implementation was to “analyse’ the potential of renewable energy resources of Centru region and the inputs provided

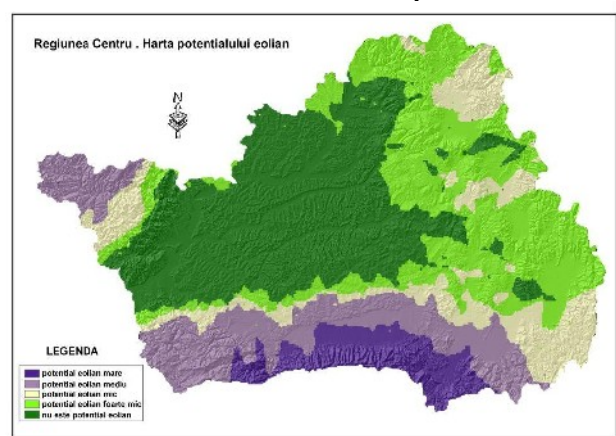
from other field as SME’s, research, local or regional authorities, in order to support the emergency of new investments and to facilitate the access of companies to research and knowledge provided by universities, research institutes or other support services as business incubators, technological parks, etc .

Four analyses were elaborated by Romanian partners in collaboration with the partners from Lusatia:

1. Analysis for identification of the renewable energy potential of Centru Region;
2. Analysis for identification of the needs of the SME’s in Centru Region
3. Analysis for identification of the support offer for research, innovation, technological transfer and energy in Centru region
4. Analysis for identification of the needs of the regional SME’s working in the field of renewable energies

Very important information regarding the potential of renewable energy resources in Centru region, needs of the SME’s, support structures for SME’s and financial sources for energy can be found in these documents.

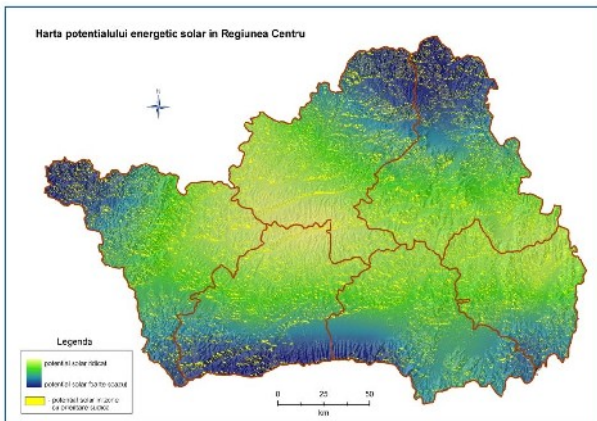
The purpose of these analyses was to offer on the one hand an overview on the possibilities offered to potential investors and on the other hand it were necessary as basic documents for the strategy on renewable energy resources that will be elaborated in the first part of 2010.



Source: CENTRU RDA, wind potential in Centru Region

The analysis of the regional potential of renewable energy resources was the first regional inventory ever achieved in order to determine the main

renewable energy sources and its potential. Several institutions were involved in data collecting and the consultation process of the regional stakeholders has brought a lot of improvements and additional information which have contributed to the final document.



Source: CENTRU RDA, solar potential in Centru Region

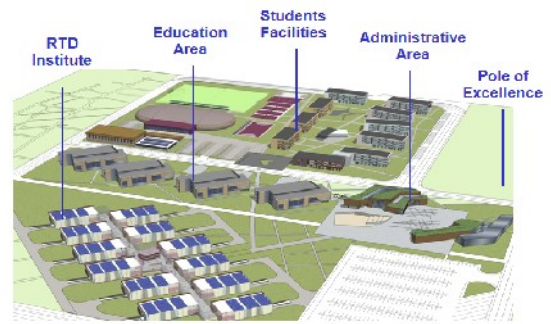
The SWOT analysis was the last document elaborated under the “Analyse” work package. The regional stakeholders have had a very active and strong feedback in defining the main strengths, weaknesses, opportunities and risks of renewable energy sector. The four main themes analysed in relation with renewable energy sector were: 1. the natural potential, national, 2. regional and local legislative framework, education, research and technological transfer, 3. The market of producers and users of RE systems, 4. Business support structures.

Another important achievement of the project was the set up of the Romanian research cluster on renewable energy. 14th institutions have joined the cluster in 2009. The study visit of the Romanian cluster in Lusatia was the first step in organising a future interregional collaboration in energy field.



Source: Centru RDA, members of Romanian research cluster
Some cooperation ideas have resulted from the analysis of the existing situation in both regions and the cooperation context. More attention should be paid on information campaigns and training of the people working on local administration and of the citizens about the importance of using renewable energy.

Research in Centru Region should be directed through project looking to find out sustainable technological solution for the isolated regions, which suffer from the lack of energy infrastructure.



Green, Energy Independent University Campus

GENIUS

Source: Transylvania University of Brasov, design of Green, independent University Campus, Genius

Transylvania University in Brasov will become an important research centre for renewable energy. The Research-Development-Innovation Institute: High Tech for Sustainable will offer high quality standards for research in renewable energy and an excellence pole that will have as aim to sustain the partnership between research and companies.

The great number of industrial sites located in Centru Region has already generated ecological problems besides the social and economical impact resulted from industrial restructuring.

Alternative energy could be a solution for the rehabilitation of these areas. The experience of our German partner IBA is already known as a

success in reshaping the architecture of the old mining areas and it could be a useful and interesting cooperation idea between the two regions.



Source: CENTRU RDA, Industrial site in Centru Region

Within the dissemination package, the following activities were developed during the second reporting period:



Source: CENTRU RDA, project roll-up

1. International Conference “Opportunities: post mining landscapes”.

The conference was an opportunity to promote the project RenERg EuReg and to present the story of two regions (Lusatia and Centru) with important mining activities that are facing now a changing identity either in terms of landscape, economic profile, and social impact on the population. Lusatia Region was declared “Energy Region” and it proved that “alternative energy” could provide the economic and ecological alternative for the mining regions.

A similar situation is happening in Centru Region, where the '90 mining industry decline has led to a lot of problems in the areas where mining was the main economic activity. The experience of Lusatia

Region could be transferred and renewable energy might offer the alternative for a future identity.



Source: CENTRU RDA, mining area in Centru Region

The conference was attended by almost 200 participants.



Source: CENTRU RDA, participants in the International Conference “Opportunities: post mining landscapes”, Germany

2. Brochures with results of the four analyses were elaborated in order to improve the visibility of the project results and to offer a friendly way of understanding some aspects regarding the renewable energy in Centru Region
3. Information package for SME's with strategic information on market development on renewable energy

This information package was designed as a cooperation tool, an instrument that could facilitate emergency of new investments and economic activities in renewable energy field, based on technological transfer and cooperation between German and Romanian companies.

Useful information about renewable resources potential in Centru region, legislative framework and facilities created in order to support producers

of renewable energy, investment environment, etc, could be found in this brochure.

emergency of new economic activities in renewable energy field.

Beside these deliverables, updating of the project website was a continuous activity during 2009.



10 events (conferences and exhibitions) were promoted on the project web site out of which 4 events were organised within the project. The site is operational now in three languages: Romanian, English and German.

The four analyses and the SWOT analysis were uploaded on the project web page.

Information about the RenERG EuReg project are also posted on the partners websites: www.adrcentru.ro, www.iba-see.de, www.unitbv.ro

Project dissemination was made also in regional and local media: 8 articles related to project events and results published in the local and regional newspapers, 3 press releases, 34 appearances of information about project on the internet websites and 2 TV appearances.

The work performed during the first two years of the project will enable development of the Centru region Strategy for using renewable energy resources. This strategy will become integrated part of the Regional Development Plan. The local administration represented in the Regional Development Board, together with the relevant regional stakeholders will agree on the future directions and measures to be undertaken in order to valorise the RER potential.

A Joint Action Plan will be developed in cooperation by the two regions, Centru and Lusatia. It will contain the necessary and possible measures for implementing the regional strategies and political directions envisaged for development of a competitive research sector, an attractive investment environment and encourage the

