



POWER
Low Carbon Economies



POWER INTERREGIONAL PROGRAMME – INTERREG IVC



Wind of the coast





Strategic fit with POWER Programme

2.1 Theme: Renewable Energy

2.2 Sub-theme: Large-scale deployment of renewable energy schemes: identifying and developing transferable best practice in the public sector to promote successful delivery and to maximise benefit the regional economy and environment and society

General objective: to favour the application of small wind systems along coastlines by working out specific guidelines as transferrable tool to allow both the sharing of technical information on 'new generation' systems and the knowledge required to 'knock down' barriers to wider use of this technology (policies, economic viability of applications, financial incentive systems, awareness, etc.).





The partnership

Province of Ravenna (LP) - IT: local intermediate authority with coordination tasks on various policies including environment and energy. It is responsible for the definition of the Energy and Sustainable Development Action Plan which is under development and giving priority to renewable energy generation from different resources

Diputacion of Huelva - ES: the Energy Department of Huelva and its Energy Agency have been investigating the possibilities for wind electricity within the province for several years. It is looking at how the public sector can act to facilitate the widespread uptake of renewable technologies along the coastline, in particular small wind

Marine South East (MSE) - UK: is active in areas central to the WICO project, namely renewable energy generation, coastal spatial planning, technological innovation and policy development. The key role of MSE is to address the needs of the marine business sector across the South East of England; consequently it has strong working links with a wide range of relevant organisations





Activities

WP1 Management & coordination: establishment of a PC composed by a representative from each project partner, and of a TSC composed by experts appointed by each partner who will deal with the technical implementation of the activities planned (see WP2,3,4)

WP2 Analysis of the framework: aimed at the identification of the barriers to the application of small wind systems and the definition of the potential development of wind energy in the area (the factors determining barriers in each partner area; the territorial characteristics)

WP3 exchange of experiences and best practices: Nr. 3 workshops to exchange experience and best practices on policies, market development and technologies

WP4 drawing up of the Guide Lines (GL) for the deployment of renewable energy from small wind systems: policy instrument to improve the take-up of renewable energy and allowing at the same time the influence of policies also at upper administrative level (regions, state).

WP5 dissemination and communication: local thematic workshops; joint press conferences and press release; joint international final conference; joint paper free dissemination





Main outputs & results

- Nr. 1 GL for the production and a wider deployment of renewable energy from small wind systems
- Nr.7 best practices transferred per partner
- Nr. 12 experts attending the interregional workshops, improving their knowledge
- Nr. 2 (per partner) policy influence or adopted at local level
- Nr. 1 (per partner) policy influence or adopted at regional level
- 90% paper free communication plan
- Increase of persons with increased knowledge of reducing CO2
- Reduction of CO2 emissions
- Concrete applications of small wind systems

budget & duration

224,200.00 euro (75% ERDF; 25% public co-financing)
Start 01/07/2009 – End 30/09/2011



Example of potential future application of small wind turbine in a seaside resort

