

IS-POWER

6th Framework Programme Priority 6.1
Sustainable Energy Systems

by

Angele GIULIANO

angele@acrosslimits.com

Going Green by FME

14th May 2008





AcrossLimits – A Profile

- *AcrossLimits* is a dynamic SME and creative e-Business, secure payment, Internet and Knowledge Management Solutions provider based in Malta.
- It was registered in 2001 as a Limited Liability Company but the team have been working as partnership since 1996.
- It has representation offices in Brussels (Belgium), Athens (Greece), Palermo (Italy) and Zaragoza (Spain)
- *AcrossLimits* is also very active on the European Programmes Front. In fact, it nowadays is one of the most experienced EU Consultancy Firms in Malta.



'To provide innovative and creative technology solutions to solve tomorrow's problems'

EU Division

AcrossLimits has been participating and helping organisations to benefit from EU funded projects since 2001. Our expertise varies from technology and innovation research projects to rural development and also digitisation of cultural heritage. We offer consultancy, training, mentoring, project proposal writing, project management and much more.



Technical Division

Security and business solutions are our core areas which branch into e-commerce, online payment systems, networking, web application development and financial software.



See also our computer hardware for people on the move like PDAs, tablets and laptops.

Educational Division

E-learning solutions and electronic teaching content are the new window of opportunity for the educational sector and also for businesses wanting to give out information on their products and services. We also have an interesting catalogue of courses that can offer a much wanted opportunity for visiting Malta



IS-POWER – The Project

- The project suggests developing technical and regulatory frameworks to improve the performance of Isolated Power Systems
- Enable the integration of renewable energies



Isolated Power System

'Systems that are not interconnected with other neighbouring systems'

IPS are systems that may be defined as systems not interconnected with other neighbouring systems by tie lines and thus restricted to use their own resources for maintaining synchronous operation.



The Problem Addressed

- The sustainable development of the insular systems' economies require an efficient use of natural resources including the use of electricity.
- Based on co-operation and knowledge sharing the project aims at developing both technical and regulatory frameworks to improve the performance of these energy systems.



Objectives

- Create an EU experts group to develop and share knowledge regarding ISP
- Draw on the feasibility of the use of renewable energies and storage displays in the insular energetic systems to enable the sustainable development of these regions
- Remuneration and financing outline of methodologies for isolated electricity systems' components
- Dissemination of project results



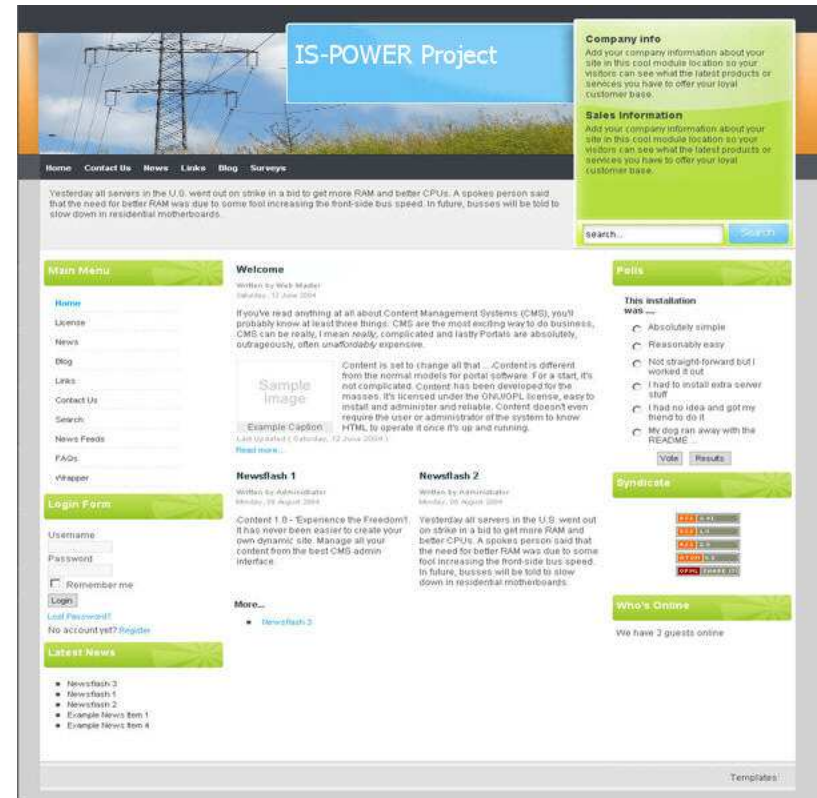
Work Packages

- WP1 – ‘IS-POWER Network’ Meetings
- WP2 – Technical evaluation of the exploitation solutions to the problematic of the insular power systems
- WP3 – Regulatory solutions focus on isolated power systems
- WP4 – Test evaluation methodology
- WP5 – Communication and Exploitation



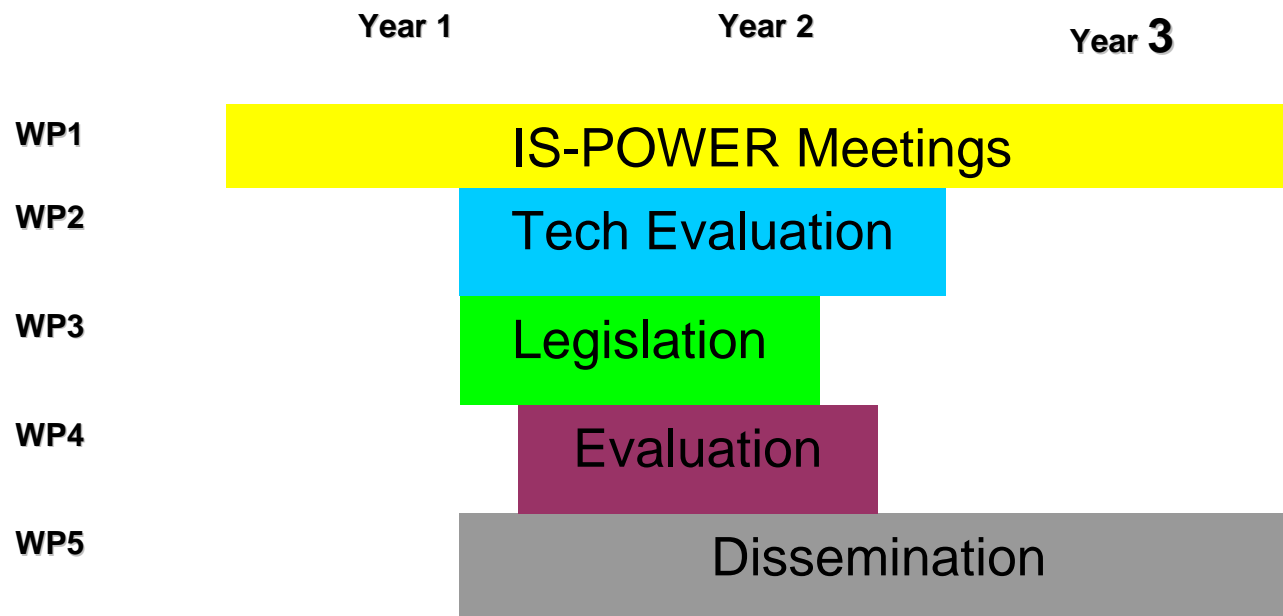
AcrossLimits Tasks

- Test evaluation and methodology
- The design of an IS-Power website
- The setting up of an IS-Power Network Library
- The creation of 'IS-Power Network' forum



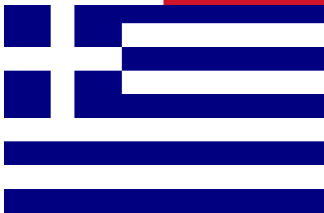
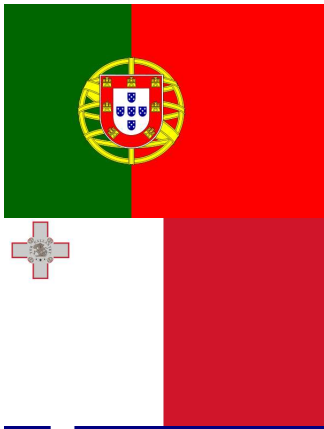
Budget and Duration

- IS-POWER has a budget of over € 3 million
- The project kicked off in 2007 and will end in 2010





Participants



- Red Eléctrica de España – Spain
- Iberenova S. A. – Spain
- Deloitte S. L. – Spain
- Transmission System Operator of Cyprus – Cyprus
- Empresa de Electricidade da Madeira S.A. – Portugal
- AcrossLimits Technologies Ltd. – Malta
- Ionian Energy Ltd. - Greece

Thanks for your attention

*Gateway Centre,
Kappillan Mifsud Street,
Hamrun HMR 1856*

MALTA

Tel: +356 21224900

Fax: +356 23331210

Email:

info@acrosslimits.com

www.acrosslimits.com

