



Grant agreement no. FP7-229947

## **INRES**

### **Insular regions cooperating for maximising the environmental and economic benefits from research in Renewable Energy Sources**

Seventh Framework Programme – Capacities (Regions of Knowledge)  
Support Action

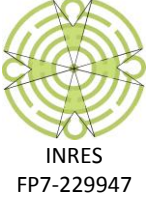

#### **CALL FOR POSTERS**

**Week of Innovative Regions in Europe (WIRE)  
Granada, March 15th -17th, 2010**

**Category: Connecting clusters from all over Europe (REGIONS)**

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	<b>INRES abstract</b> <b>Category: Connecting clusters from all over Europe (REGIONS)</b>		
	Month - Year: <b>Dec - 2009</b>	Cod: INRES-abstract	
	Ver: 1		

## Table of contents

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1. Title .....	3
2. Sub-title.....	3
3. Category selected .....	3
4. Author(s) name, affiliation and contact details .....	3
5. Content .....	3
6. Annex .....	6

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## 2. Sub-title

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Insular regions cooperating for maximising the environmental and economic benefits from research in Renewable Energy Sources

## 3. Category selected

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Connecting clusters from all over Europe (REGIONS)

## 4. Author(s) name, affiliation and contact details

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## 5. Content

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The INRES project aims to enhance integration and cooperation among three European island regions, the Canary Islands (Spain), Crete (Greece) and Samsø (Denmark) in the development of their regional RES policies and strategies through the establishment of a mutual learning process and collaborative relationships among regional research-driven clusters. The consortium, made up of 10 partners, targets the development of an inter-regional strategy, in view of EC recommendations and support, for developing the take up of innovative measures included in the regional energy plans that move towards new collaboration among regional players, especially SMEs who are involved in the dynamics of the RES energy technology in the framework of a higher local economic efficiency and environment safeguard. Considering the previous experience in regional policies and networking, the project partners have decided to form the consortium based on the idea of putting together regional research-driven clusters dealing with renewable energy concerns and gathering bodies from governmental, research and industrial areas in order to address energy-related problems and create a common strategy for the development of renewable energy technologies, supporting finally the self-sustainability of the islands.

Islands and peripheral regions in particular have to secure their energy supply on their own as in most cases they are not energy connected to the mainland, or have only weak links to energy grids.

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Furthermore, the appropriate exploitation of environment and energy resources is particularly important for insular regions since it contributes to the overall economic activity, business opportunities and employment generating continuous economic growth in a sustainable way in the long run. Tourism for example is one of the most important sources of economic activity in environmentally sensitive small islands and this circumstance increases once more the demand for energy, both in terms of quantity and quality. Consequently, it can be stated that islands have a vital need to guarantee energy supply and develop technologies in order to promote energy efficiency particularly achieved through the exploitation of renewable energy sources, thereby implementing a sustainable energy model that is compatible with the European energy policy and taking into account experiences of best practices already available.

This endeavour will be achieved by encouraging and supporting within the regions the performance of “*innovative regional research-driven clusters*”, based on the triple helix model by associating public regional authorities (PA), universities & research centres (RTD) and enterprises (industry cluster). The participation of each type of entity is a key factor in developing the strategy for RES implementation in the three regions.



#### Project objectives

The consortium aims at developing an inter-regional strategy for consolidating and developing the RES implementation policies. The islands aim at a more accelerated economic benefit from RES implementation through a more integrated relation among public, research and business sectors.

The project will assess the state of the art of the RES sector in each region and will give the participating regions the opportunity to learn from each other and also from other European regions that are experiencing already significant RES applications’ development, to share knowledge and experiences and to further develop joint initiatives that address energy-related problems. The project foresees the elaboration of a joint Action Plan to ensure the necessary co-ordination and consistency in implementing RES policies and concerted research strategies at regional level. A Business Plan detailing the financial resources utilised will ensure the financial back up of the foreseen activities.

INRES will thus pursue the following *main objectives*:



- 1) *Diagnosis of three insular regions’ state-of-the-art in the adoption and development of alternative renewable energy sources and identification of technology transfer models*
  - Evaluation/assessment of existing regional core competencies, research agendas and economic impact of the regional policies regarding the renewable energy sector in the three European regions characterised by insularity;
  - Profiling, regional analysis and regional foresight for each of the regions involved in the project, in terms of regional CO2 gas emissions and industry driven policies to reduce pollution.
- 2) *Development of an inter-regional network, sharing a cooperative economic model and enhancing the exchange of experiences*

 INRES FP7-229947	<b>INRES abstract</b>		 CAPACITIES
	<b>Category: Connecting clusters from all over Europe (REGIONS)</b>		
	Month - Year: <b>Dec - 2009</b>	Cod: INRES-abstract	
		Ver: 1	

- Organisation of three regional and three inter-regional workshops;
  - Active participation of key cross-regional socio-economic stakeholders in order to generate a shared vision amongst the three targeted regions in terms of a common research agenda for a self-sustainable energy environment.
- 3) *Realisation of a common Action Plan*
- Addressing insular regions' challenges in maximising the exploitation of the results coming from the local research communities in the field of RES. The involvement of local partners coming from the 3 main sectors (public, research, industry) will have as a main effect the further integration of skills and competencies for economically sustainable regions;
  - Including a Business Plan detailing the financial resources utilised for ensuring the financial back up of the foreseen future shared RTD initiatives.

INRES events		
Kick-off project meeting	23-24 April 2009	Gran Canaria (Spain)
Second INRES project meeting	26-24 September 2009	Samsø (Denmark)
Next INRES event		
Third INRES project meeting First INRES inter-regional workshop and staff-exchanges	26-28 April 2010	Crete (Greece)

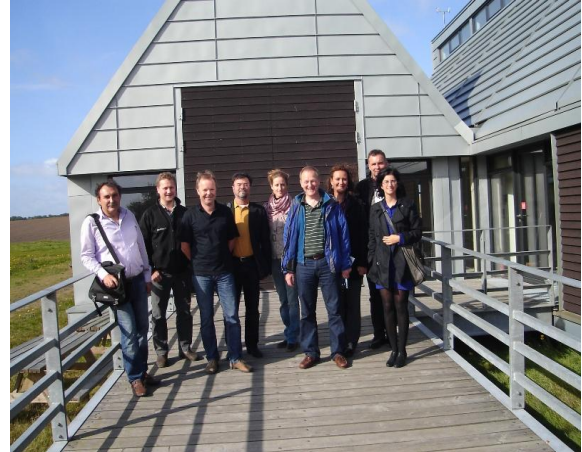
INRES Consortium			
Partner no.	Partner name	Partner short name	Country
1 (Coord)	Comunidad Autónoma de Canarias	GOBCAN	Spain
2	Instituto Tecnológico de Canarias S.A.	ITC	Spain
3	Dobon's Technology S.L.	DOBONTECH	Spain
4	Crete-Regional Energy Agency of Crete	REAC	Greece
5	Foundation for Research and Technology Hellas	FORTH	Greece
6	Candia Maris Hotel	CANDIA	Greece
7	Samsø Energy Agency	SEA	Denmark
8	Samsø Energy Academy	SEAcademy	Denmark
9	Brdr. Stjerne K.S.	BS	Denmark
10	Innova S.p.A.	INNOVA	Italy

 INRES FP7-229947	<b>INRES abstract</b> <b>Category: Connecting clusters from all over Europe (REGIONS)</b>		 CAPACITIES
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## 6. Annex



Img 1: INRES meeting at ITC. Canary Islands.



Img 2: INRES team at SEA. Samsø.



Img 4. District heating plant with solar field, Nordby, Samsø.



Img 5. Offshore windmills south of Samsø. Five owned by the municipality.