

JORNADA INFORMATIVA 7º PROGRAMA MARCO
“Regiones del Conocimiento y Potencial de Investigación”
7 julio 2009. Universidad de La Laguna

Instituto Tecnológico de Canarias

Experiencia del ITC en proyectos “Regiones del conocimiento”

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INSTITUTO TECNOLÓGICO
DE CANARIAS



Trayectoria de ITC en proyectos RoK

- **IN.TRACK: Economías basadas en el conocimiento en regiones insulares (2004-2005)**
- Financiado por el programa piloto **Regions of Knowledge Pilot Action**.
- El proyecto In.Track en el que participaron además del Instituto Tecnológico de Canarias, otras instituciones de Creta, Sicilia y Madeira, define acciones conjuntas para fomentar el intercambio de experiencias, identificar buenas prácticas y promover y acelerar los mecanismos de **las economías basadas en el conocimiento en regiones insulares**.
- Este proyecto fue coordinado por el ITC y seleccionado por la Comisión Europea como "**Ejemplo de éxito**"

<http://www.intrack.org/>



- **NOVAREGIO “Buenas Prácticas” en políticas regionales de innovación (2006-2007)**
- Financiado por el programa **KNOW-REG** (Regiones del Conocimiento) del **Sexto Programa Marco** de I+D de la Comisión Europea.
- El proyecto Novaregio (2006-2007) persigue aumentar la interacción en el diseño de políticas nacionales y regionales, con el fin de aumentar el conocimiento mutuo y poder servir de guía para los agentes encargados de diseñar e implementar políticas de innovación. Durante el desarrollo del proyecto se fomentó el intercambio de personal para el aprendizaje de **buenas prácticas regionales de innovación** y se elaboró una guía para la implantación de las mismas.

<http://www.novaregio.net/>



- **INRES: Cooperación entre regiones insulares para maximizar los beneficios económicos de la investigación en energías renovables (2009-2011)**
- Financiado por el programa **REGIONS** (Regiones del Conocimiento) del Séptimo Programa Marco de I+D de la Comisión Europea.
- El proyecto INRES tiene como objetivo promover la integración y cooperación entre tres regiones insulares de Europa: **Canarias** (España), **Creta** (Grecia) y **Samsø** (Dinamarca) en el desarrollo de sus políticas regionales y estrategias en materia de **energías renovables**, a través del establecimiento de un proceso de aprendizaje mutuo y relaciones de cooperación entre los **clusters** regionales formados por la “triple hélice” I+D - empresa - administración pública.
- **Inicio:** 1/4/2009 **Duración:** 30 meses
- **Presupuesto:** 869.184,78 €



INRES

INsular regions cooperation for maximising the environmental and economic benefits from the research in Renewable Energy Sources

Regions of Knowledge

INRES is a *Support Action* under the Regions of Knowledge initiative (FP7 Capacities)



Capacities

Regions of knowledge

→ Find [calls](#) for this theme

Objectives

The 'Regions of knowledge' initiative aims to strengthen the research potential of European regions, in particular by encouraging and supporting the development, across Europe, of regional 'research-driven clusters', associating universities, research centres, enterprises and regional authorities.

- Capacities Home
- Research infrastructures
- Research for the benefit of SMEs
- Regions of knowledge
- Research potential of Convergence Regions
- Science in society
- Support to the coherent development of research policies
- International

Policy context

The "**Regions of Knowledge**" initiative responds to a need to **increase the overall capacity of regional players** to foster **science and technology-based economic development**, by better integrating research into their regional strategies

- Within the framework of the Lisbon strategy for a performing knowledge-based economy
- To help reach the Barcelona objectives

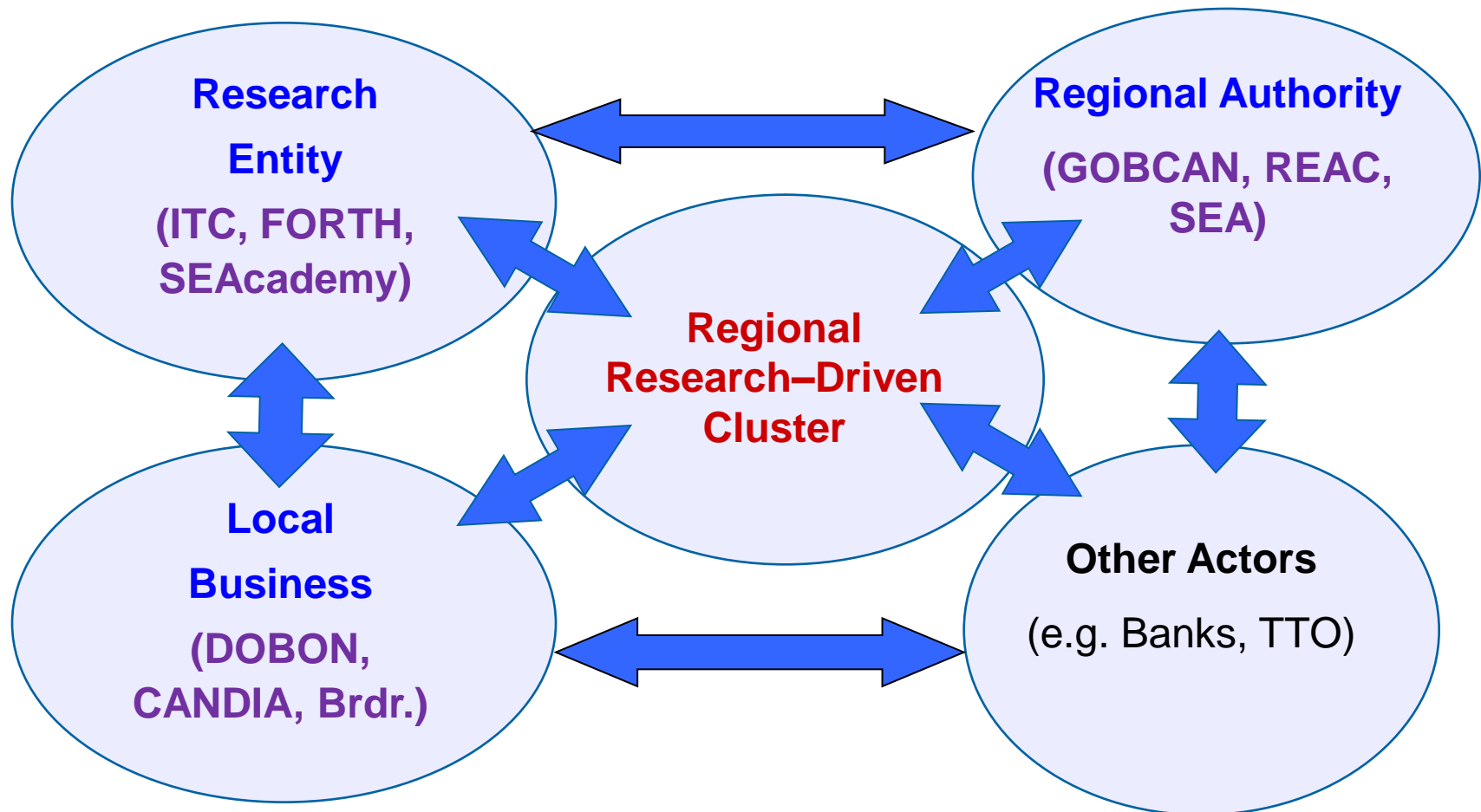
Two objectives for all European regions:

Strengthen their capacity for investing in RTD and carrying out research activities

Produce research strategies that contribute to regional economic development

Through the development of (existing or new) regional '**research-driven clusters**' and their trans-national cooperation

What is a regional research-driven cluster?



Call: FP7-REGIONS-2008-1

Topic: Regional contributions to the reduction of CO₂ emissions

Activities to be covered

1. **Analysis** and integration of research agendas of regional clusters
2. **Initiatives to improve integration:** definition of joint action plans
3. **Dissemination** activities

Expected Outcome

- Improve **links**:
research actors → business community
- **Transnational** cooperation
- Mutual **learning** and **exchanges**
between regional actors



Expected impact

- **Regional economic growth** in selected domains
- **Response to the needs** of regional business communities
- **Mobilisation** of local, national and community funds (especially Structural Funds and FP 7) to implement defined **regional “action plans”**

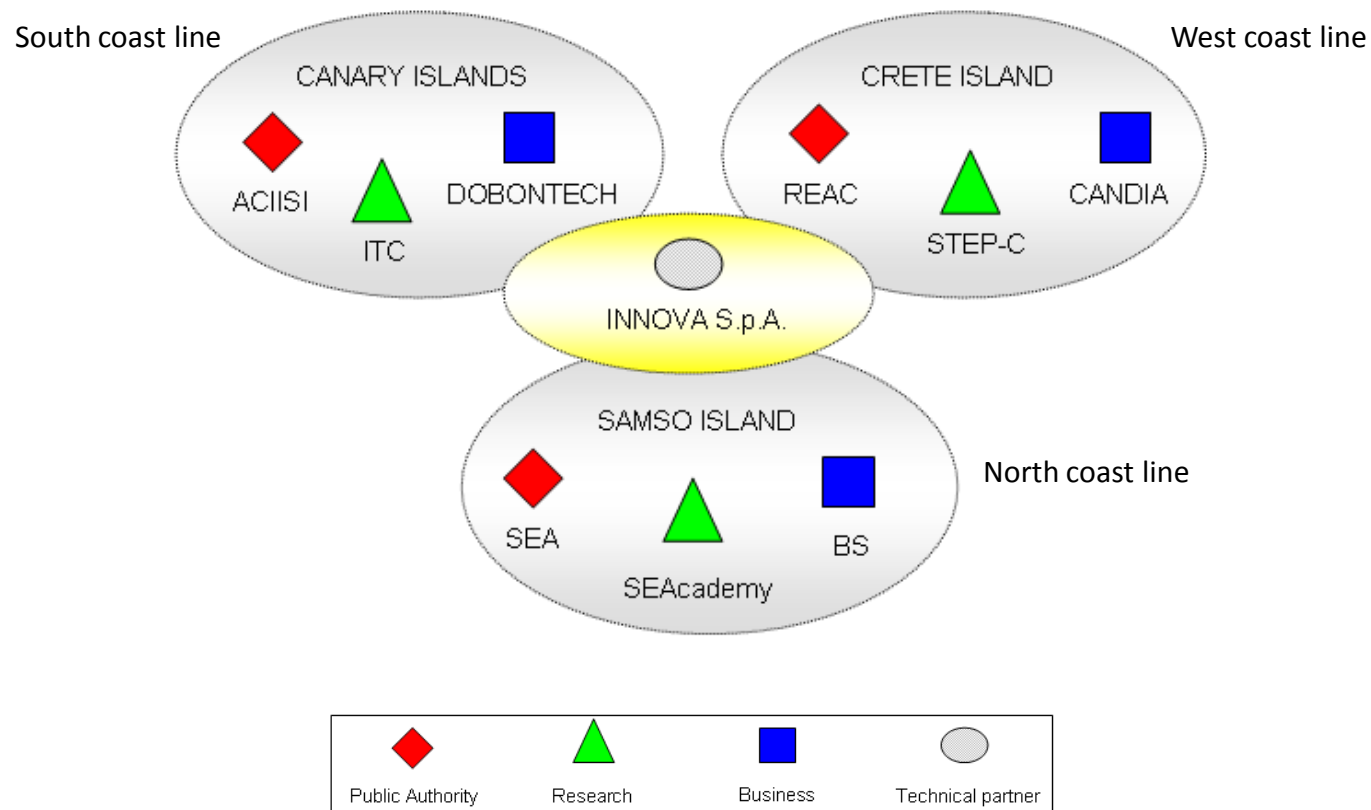


- **Overall purpose**

The INRES project has been conceived to enhance the integration and the cooperation among **3 *European insular regions*** (Canary Islands, Crete and Samsø) 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***.

- **INRES clusters in the RES sector**

Diversity of European remote areas



- **Main goals**

- 1 Diagnosis of 3 *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 3 European regions characterized 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.

- **Main goals**

- ② Development of an *inter-regional network*, sharing a cooperative *economic model* and enhancing the *exchange of experiences*:
 - 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.

- **Main goals**

- **3** Realization 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.

- **Expected results**

Quantitative results:

- Regional RES-ID Cards (3)
- Cartographic competences schemes (3)
- Regional comparative analysis of the RES sector dynamics (1)
- Regional partners profiles (20)
- Technology transfer models– success stories (at least 3)
- Staff exchanges (up to 6)
- Organisation of multi-regional events (4)
- Project web site
- Joint action plan

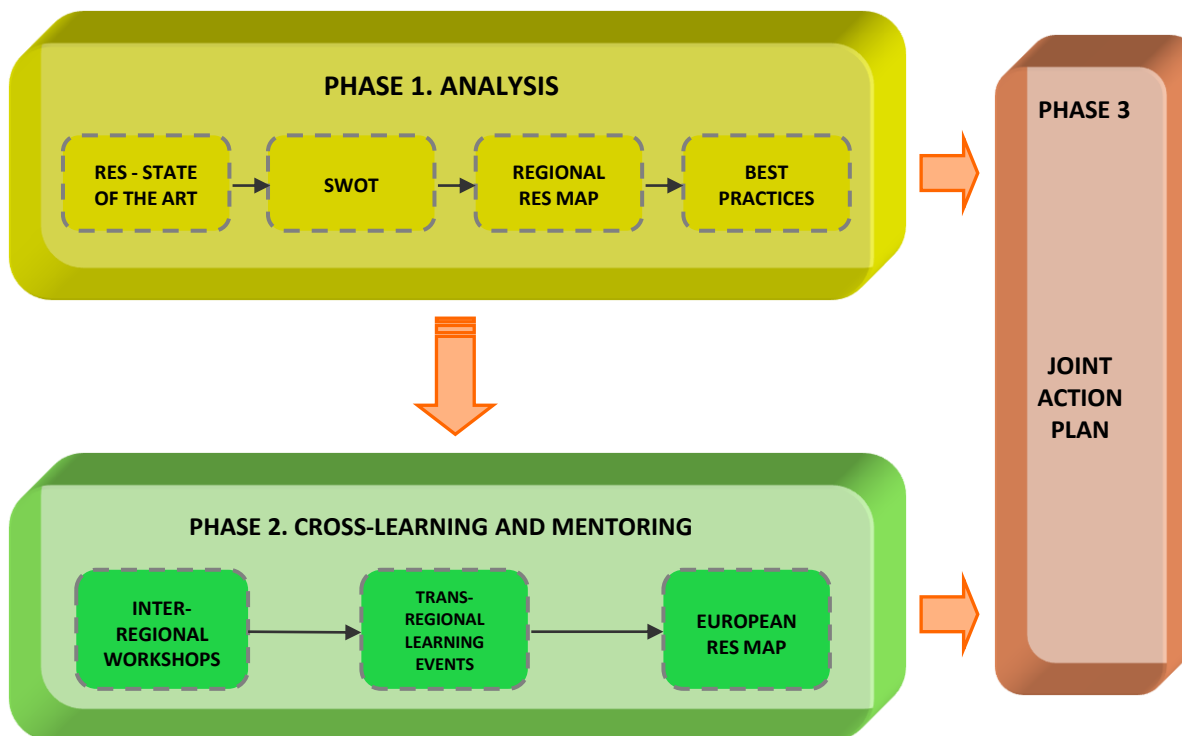
- **Expected results**

Qualitative results:

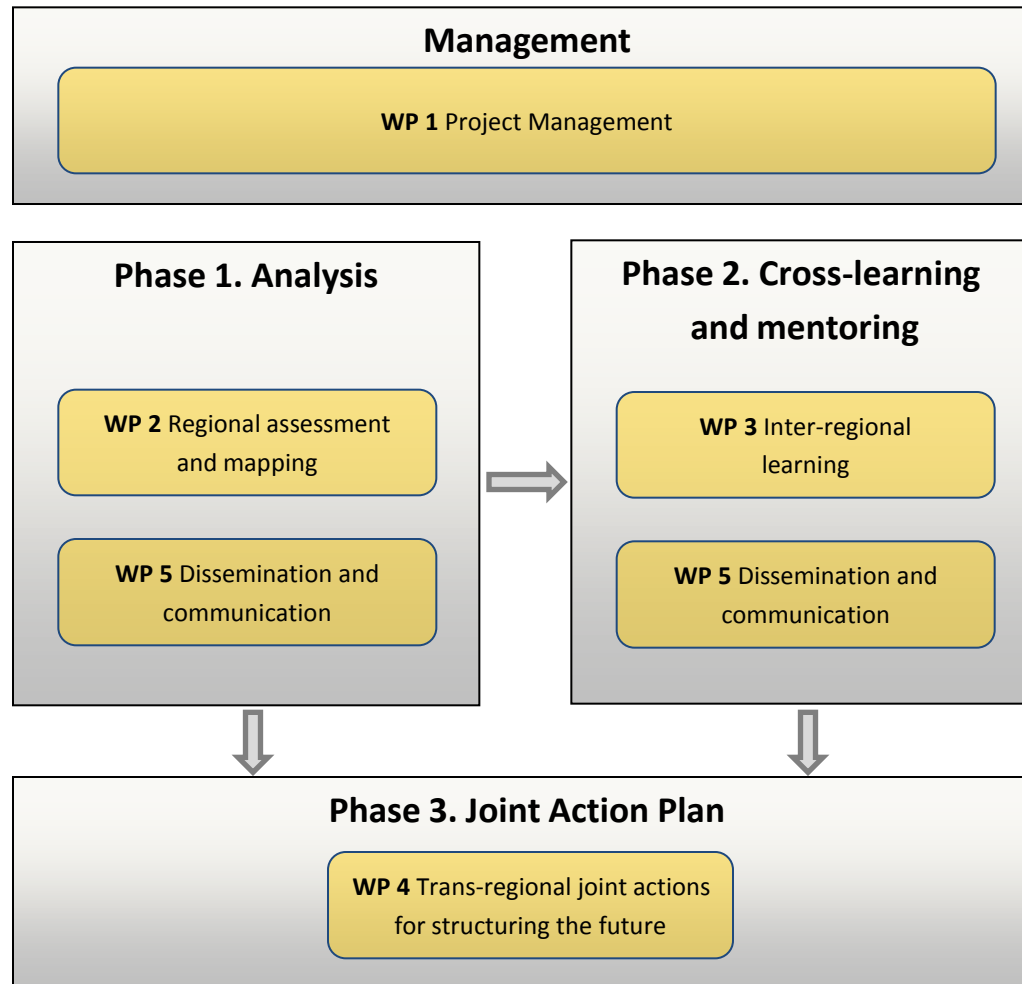
- Trans-regional policy cooperation and learning
- Acknowledgment and better exploitation of linkages between regions and increasing the potential of technology transfer dynamics beyond the regional dimension.
- Team building across regions
- Sharing of knowledge
- Networking among partner regions and with other European regions that have obtained good results from RES technologies implementation and also regions interested to further rely on such technologies.

- **General introduction to INRES Work Plan**

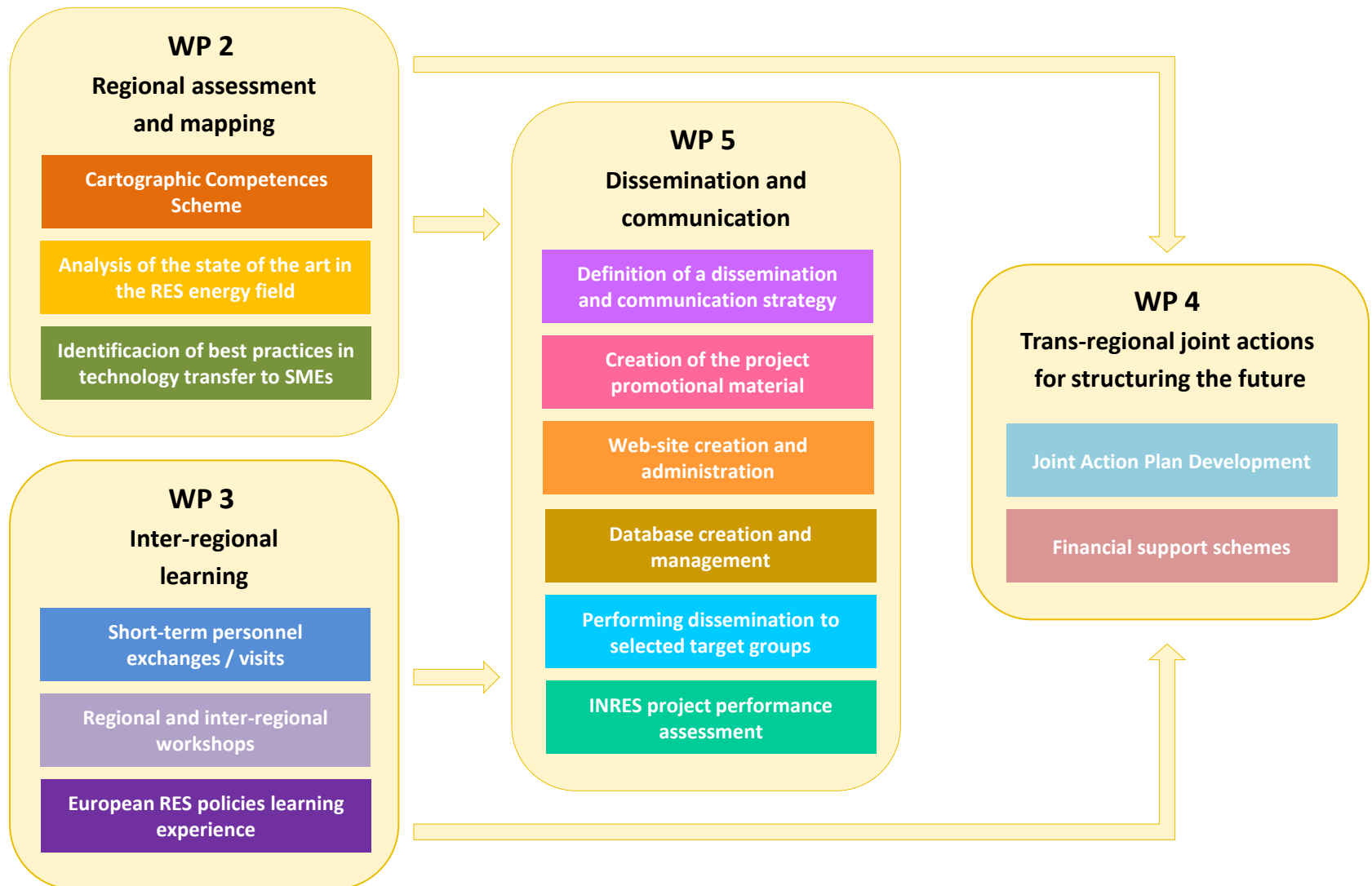
The project activities are organized around 3 main phases that are structured in 5 work-packages.



INRES project phases



Presentation of INRES project



INRES impact and benefits (I)

INSULAR REGIONS CURRENT SITUATION	INRES IMPACT AND BENEFITS
Independently established regional programmes related to environment and RES issues.	Concerted and coordinated environment and energy management programmes.
Industry and SMEs with marginal participation in regional RES policy development.	High integration of business sector through regional cluster networking.
Need of financial tools for encouraging the business sector to integrate RES technologies.	Business sector is involved in the design of the Action Plan for RES economic implementation.
Lack of coordinated research policies.	INRES will foster trans-regional policy learning and the coordination of trans-regional policy instruments by building up a network among policy regional insular RTD driven clusters aiming at a durable collaboration across regional and national boundaries.
Inflexible programmes in terms of linkage only to regional circumstances and needs.	Flexible strategies adapted and adjusted to circumstances and needs of the Network's regions.

INRES impact and benefits (II)

INSULAR REGIONS CURRENT SITUATION	INRES IMPACT AND BENEFITS
Little integration between areas, programmes regionally limited and without spill-over effects.	Acknowledgment and better exploitation of linkages between regions and increasing the potential of technology transfer dynamics beyond the regional dimension.
Activities at risk to produce only short-term effects and limited benefits because of their regional restriction.	Networking is enhanced as part of a long-term sustained management strategy and joint research programmes that promise long-term benefits and increased impact.
Financial support is limited due to regional narrowed funding capacities.	Increased funding possibilities through the creation of inter-regional funding schemes.
Little trans-national cooperation due to legal and administrative barriers.	Creation of a feasible legal framework that brings regional administrations closer together, building mutual understanding and trust with long lasting effects.
Different cultural contexts hamper cooperation and coordinated activities.	Networking stimulates and enhances the interconnected thinking and recognises the ambition towards common actions.

Presentation of INRES project

- Kick-off meeting. 23-24 April 2009. Pozo Izquierdo





INRES

Gracias

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