

PITER: Platform for Integration of Transregional Energy R&D activities

FP7, Programme Capacities
« Regions of knowlegde »

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PITER project

FP7, Programme Capacities, Regions of knowledge

Timeframe: 2 years (January 2009 - December 2010)

Budget: 665 717.20 €

569 992 € co-financed by EU (85%)

Partners:

Région Rhône Alpes (coordinator) - France

Regione Piemonte – Italy

Tenerdis (Renewable Energies cluster) - France

Environment Park (Technological Park- R&D cluster) - Italy

Alma Consulting Group (Technical Support) – France

Consortium



Purpose of the project

The project aims at facilitating synergies and exchanges between the two Regions in terms of:

- **research**
- **technological development and transfers**
- **joint political and economical actions**

for the development and diffusion of renewable energies

Expected results

- **Improved cooperation between regional authorities, research entities and local businesses;**
- **Identification of common R&D projects and strengthened relations between businesses and research;**
- **Increased use of renewable energies.**

Rhône-Alpes & Piemonte

**1.4 million
people in Lyon
and 6 in the
Region**



**GDP: 173,6 billion €
Export: 46.6 billion €**

**1.3 million
people in Turin
and 4.3 in
the Region**



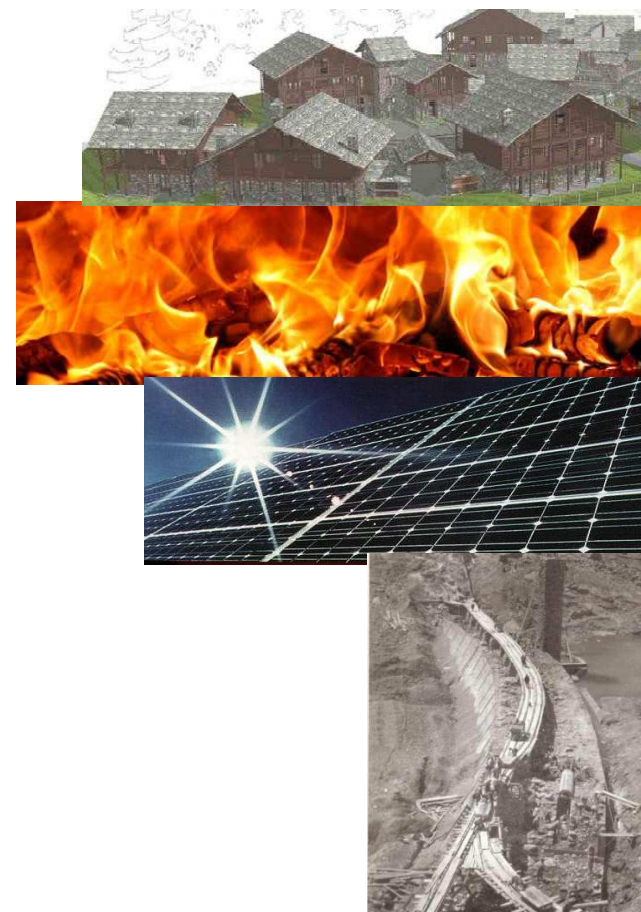
**GDP: 119 billion €
Export: 37 billion €**

Strong involvement in both regions in the REs field

- From 2005 to 2008 Rhône Alpes Region had a total budget of 90 M€ devoted to Renewable Energies (REs)
- Regione Piemonte devoted 25% of its ERDF funds 2007-2013 (270 M€) to REs

Current results:

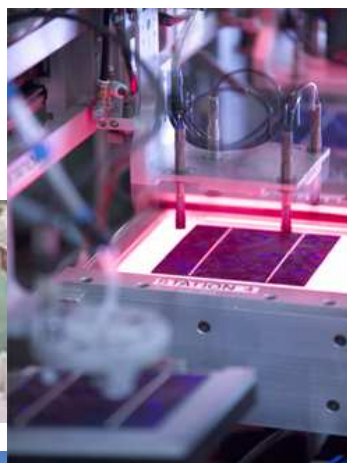
- About 25% of the French REs enterprises are in Rhône Alpes
- 200 new enterprises in the REs field formed in the last two years in Regione Piemonte



Complementary relationships:

In Rhône-Alpes, mainly:

- Big enterprises
- Basic research



Centro Ricerche FIAT



Savoie Technolac

In Piemonte, mainly:

- Small/medium enterprises
- Applied research

Tenerdis: Renewable Energy Cluster in Rhône-Alpes Region



- about 200 stakeholders
- 326 labelled R&D projects among which 123 have received public funding for up to 116 M€

Mission: Development of New Energy Technologies

- Facilitate links between Research & Industry in the RE sector
- Promote collaborative R&D projects
- International development



ENVIRONMENT PARK Turin technological park

Environment, Energy,
Sustainable development



- Covered area: 30.000 m²
- Approximately 60 enterprises located in the park
- 500 working people (80% graduated)
- 20 new enterprises created since 1999

POLIGHT – R&D Cluster on Green Building and Hydrogen Technologies

On April 2009, in the framework of EU ERDF Regional Plan, Regione Piemonte has created **12 “Poli di Innovazione”** with aiming at supporting the implementation of regional policies on innovation and technological development.

The **“Poli di Innovazione”** are clusters of enterprises and R&D centers focused on specific technological domains

POLIGHT - Pole of Innovation Green Building and Hydrogen Technologies is the cluster coordinated by Environment Park and constituted by innovative players in the technological domains of green building and hydrogen

POLIGHT - some figures

- Polight is constituted by 100 members

Distribution of POLIGHT members for typology of organization	
Academic Institutions	3
SMEs	75
Large Enterprises	14
Research Centers	5
Associations, other	3
Tot	100

Distribution of POLIGHT members for technological domain	
Hydrogen	29
Green Building	64
Both	7
Tot	100

PITER strategic objectives

- to **involve** local authorities, research centers, enterprises and other relevant local stakeholders in defining actions able to enhance the use of Renewable Energies and Energy Saving technologies
- to **enhance** the capacity of enterprises to access to services offered by Research centers and strengthen the collaboration between RTD actors
- to **disseminate** toward EU regions and clusters practices and methodologies developed within the project framework.

Main activities of the project

- Exchange on **best practices** between clusters and communities
- Creation of a **network** between local authorities, research centres and industries
- Elaboration of a **Joint Action Plan**
- **Communication** and dissemination of results through Regional and European seminars, a public website: www.fp7-piter.eu

Elaboration of a Joint Action Plan (1/2)

➤ **Analysis of resources and needs of actors (audits of institutions, enterprises and R&D centres) on 5 priority sectors:**

- Hydrogen & fuel cells
- Solar / photovoltaic : integration into building , third generation
- Energy efficiency in building
- Biogaz / biofuel
- Small hydroelectric

Elaboration of a Joint Action Plan (2/2)

➤ **Definition of priority actions aiming to support the following objectives:**

- Cooperation among R&D institutions
- Cooperation among industries and Research centres
- Networking and shared knowledge between R&D systems
- Common strategic visions
- Sharing of infrastructures
- International visibility of regional actors

with reduction of CO₂ emissions as transversal objective

Thank you for your attention

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