

network

enterprise europe



Business Support on Your Doorstep

RICAM Cluster

Renewable Energy, Environment and Water



European Commission
Enterprise and Industry



Quick vision about Canary Islands

- *7 islands in the West Coast of Africa (about 100 km)*
- *Nearest point to continental Europe: about 2,000 km (Cadiz, South of Spain)*
- *Population: aprox. 2 million*
- *Total surface: aprox. 6,000 Km²*
- *Tropical climate*

RICAM: Organization

- *Non-profit association*
- *It was set up in February, 2009*
- *Financed by Canary Islands Gov. and Spanish*
- *3 economic areas: Renewable Energy (solar-thermal, photovoltaic, wind, geo-thermal, biomass), Environment (especially waste management) and Water (management, quality)*

RICAM: Mission

“Improve the competitive capacity of SMEs, promoting the generation of economic benefits that allows them to meet their social role providing products and services in the area of Renewable Energy, Environment and Water Resources in the Canary Islands and its influence area, contributing to improve the entire Region from technological, environmental and economical point of view”

RICAM: Vision

“To become a reference both national and international level in the sector of Renewable Energy, Environment and Water Resources and become a leading supply network of advanced products and services, competing through differentiating in quality and environment friendly solutions”

RICAM: Objectives

- Enhancing entrepreneurship in society.
- Encourage the creation of new businesses and business growth.
- Increase the capacity for innovation and knowledge transfer.
- Promote the internationalization.
- Represent the largest number of companies, technology centers and research groups as possible.
- Increase private investment in R&D projects of common interest of inter-firm cooperation.

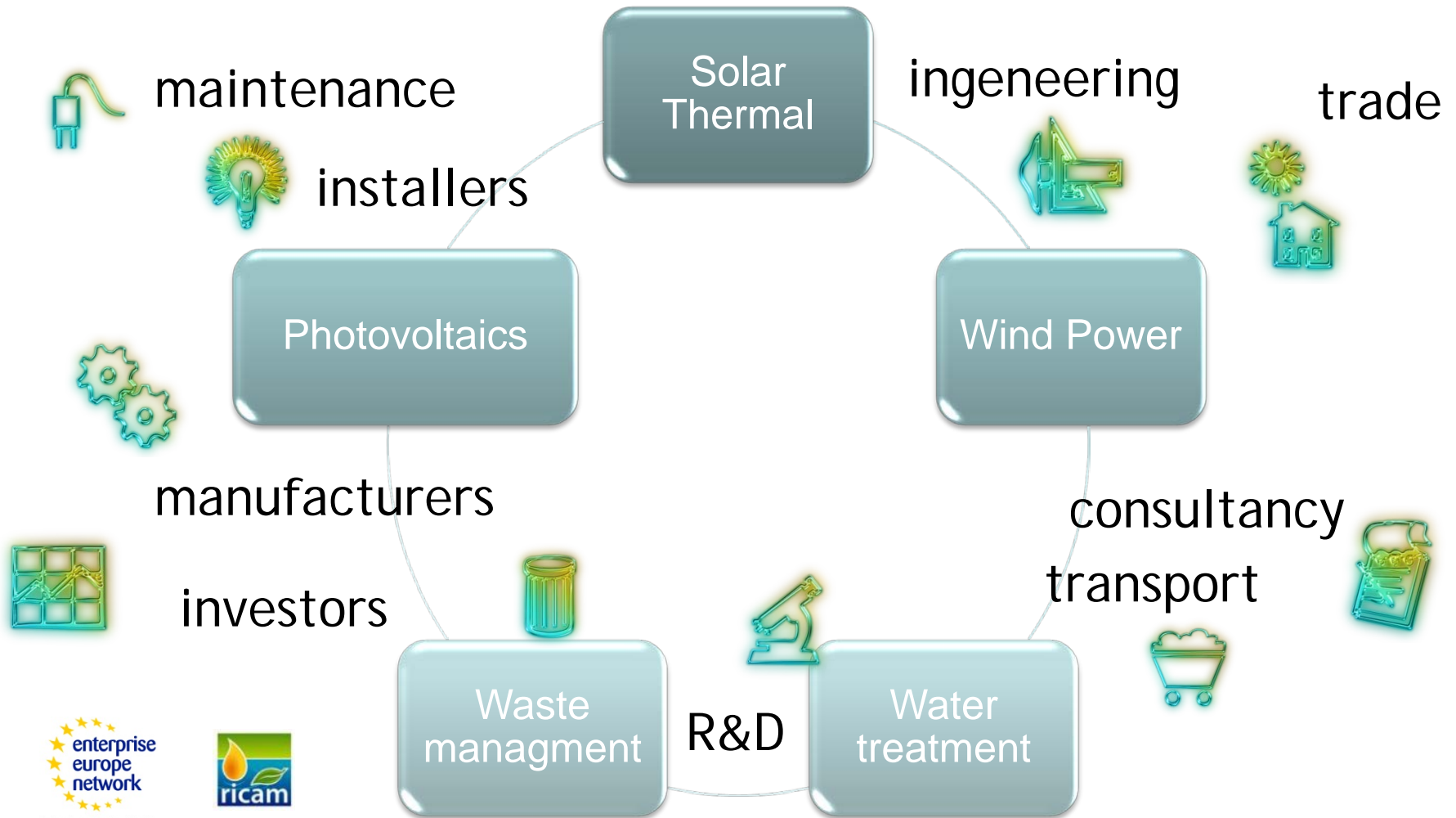
RICAM: Strategic targets

- Research, Development and Innovation
- Job Network and Collaboration
- Promotion, Institutional Relations and Finance
- Manpower and Training
- Regional Expansion and Internationalization
- Improve Business Management

RICAM: Structure

- Total Members:
 - Renewable Energy companies: 70
 - Environment (waste management): 45
 - Water resources: 80
 - University of La Laguna
 - University of Las Palmas (in process)
- An Strategic Plan awarded by Spanish Ministry of Industry
- An Steering Board, an Assembly and an Staff

RICAM: Value Chain



RICAM: Main Guidelines

- Support companies whose shows its wishes and ability for improve itself, more than no others (following effect)
- Working hard to became a well-known stakeholder for Politicians, alied for potential members and partners, etc.
- Legal and administrative framework*
- Boost companies for internationalization*
- Detect opportunnities for cooperative R&D*

RICAM: Actions (1)

- Study on surplus costs of insular electrical system in Canary Islands. It demonstrate RES have lower production costs than conventional (coal, petroleum)
- Changes in legal and administrative requirements to make easier the installation of RES
- Designing the future goals on both National and Regional level related to RES.

RICAM: Actions (2)

- 2 projects in Cape Verde for improve and develop local energy infrastructures (isolated/micro-grid)
- 2 projects in West Africa for establish RES policies
- Mapping fields and abilities of businesses in order to increase collaboration between them
- Annual Plan for the internationalization of companies
- Manage public call for tenders at international level

RICAM: Actions (3)

- Studies on possibilities of using Geo-Thermal and Biomass for power generation
- Studies on integration of Geo-Thermal Power in industrial processes
- Research in Hybrid Energy Systems



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Grazie per la sua attenzione!

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