



*Science and policy ... jointly fighting climate change*



# Science and Policy together fighting Climate Change

Lima Declaration (UE-LAC Summit 2008)

Promotion of bi-regional cooperation on Climate Change

→ **EUROCLIMA: EU-LA Regional Climate Change Programme**

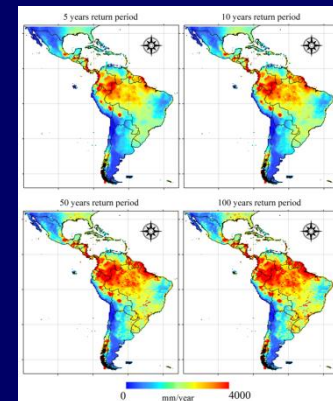
Knowledge sharing

Fostering structured and regular dialogue

Synergies and coordination

## Specific objective

To improve knowledge of Latin American decision-makers and the scientific community on problems and consequences of climate change, particularly in view of integrating these issues into sustainable development strategies.



EC Contribution: 5 M€  
Duration: 2010-2012  
18 LA countries

Implementing organisations  
UN-ECLAC for socio-economic aspects  
Joint Research Centre (JRC) for scientific aspects



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## Socio-economic component

*Improve knowledge and facilitate information sharing on socio-economic aspects*

- **Studies** on **social impact** of climate change on poverty, income distribution, food security, employment.
- Creation of a climate change-related **network** of experts and **database** of information.
- **Capacity building** to better integrate climate change into decision making (specific **training courses** and **technical assistance** to government)

## Scientific component

*Identify, collect and integrate biophysical data that are susceptible to being affected by climate change*

- **SOIL**: Atlas, Web, network of scientists
- **WATER**: Variability **maps** and analysis of hydrological balance
- **BIO-ENERGY**: **options** for development of biofuels and bioenergy generation.
- **DROUGHT AND DESERTIFICATION**: drought **indices** and frequency maps, data, information and **maps** on desertification.
- **FOOD SECURITY**: **simulation of production** of various crops (wheat, maize, soya, sugar cane) under different climate change scenarios

## Dialogue and communication

*Support structured dialogue, ensuring coordination, visibility and communication*

- Coordination and Exchange of information through **regional seminars, workshops**
- **Thematic studies** complementing socioeconomic and scientific components
- **Communication tools** and materials: Website, reports, newsletters



For further information

[http://ec.europa.eu/europeaid/where/latin-america/regional-cooperation/euroclima/index\\_en.htm](http://ec.europa.eu/europeaid/where/latin-america/regional-cooperation/euroclima/index_en.htm)  
[www.euroclima.org](http://www.euroclima.org)



# **RALCEA Project: Latin America Network of Knowledge Centres in the Water Sector**

# RALCEA: Latin America Network of Knowledge Centres in the Water Sector

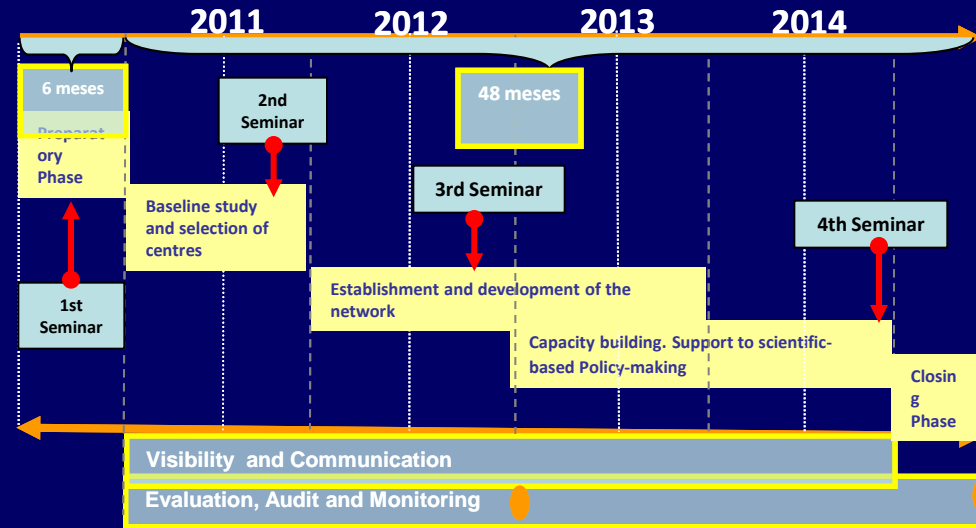


## CONTEXT

Project financed by an European Parliament Pilot Budget Line, according to the EU Water Initiative (World Summit for Sustainable Development, Johannesburg, 2002) and with the EUROCLIMA programme. Needs identified by the EU Member States and the Latin American countries represented at the Ibero-American Conference of Directors General of Water (CODIA).

## Specific Objective

To foster information based policy, promoting south-south cooperation in capacity development in the water sector by supporting the development of a network of knowledge centres.



**EC Contribution: 2,5 M€**      **18 LA Countries**

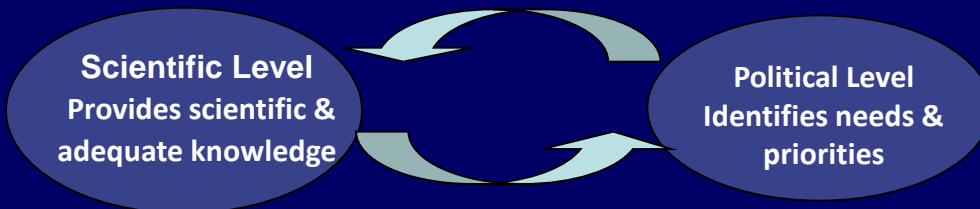
**Duration: 2010-2014**

**Centralized management by EuropeAid**

**Implemented by: Joint Research Centre (JRC)**



## Network of Centres of Excellence RALCEA



1. Improving Water Management Governance
2. Improving coordination and internal capacity building using the network.

# RALCEA: Latin America Network of Knowledge Centres in the Water Sector

**RALCEA network:** 16 LA countries  
 Research consortium or individual institutions = scientific level  
 Focal points for each countries = policy level



## Thematic Areas



| ACRONIMO   | NOMBRE   | TIPO       | ORIGEN          | PAIS      |
|------------|--|------------|-----------------|-----------|
| Agualimpia | Agualimpia   | Consortio  | Latinoamericano | Perú      |
| CASA-UMSS  | Centro del Agua y Saneamiento Ambiental  | Individual | Latinoamericano | Bolivia   |
| CAZALAC    | Centro del Agua para Zonas Aridas y Semiáridas de América Latina y el Caribe             | Individual | Latinoamericano | Chile     |
| CEDEX      | Centro de Estudios y Experimentación de Obras Públicas                                   | Individual | Internacional   | España    |
| CETA-UBA   | Centro de Estudios Transdisciplinarios del Agua de la Universidad de Buenos Aires        | Consortio  | Latinoamericano | Argentina |
| CICESE     | Centro de Investigación Científica y de Educación Superior de Ensenada                   | Individual | Latinoamericano | México    |
| CIH-MES    | Centro de Investigaciones Hidráulicas perteneciente al Ministerio de Educación           | Individual | Latinoamericano | Cuba      |
| CIIFEN     | Centro Internacional para la Investigación del Fenómeno de El Niño                       | Individual | Internacional   | Ecuador   |
| CIRA-UNAN  | Centro para la Investigación de Recursos Acuáticos de Nicaragua. Universidad             | Individual | Latinoamericano | Nicaragua |
| CVRM       | Centro de GeoSistemas del Instituto Superior Técnico (IST)                               | Individual | Internacional   | Portugal  |
| FCH        | Fundacion Chile  | Individual | Latinoamericano | Chile     |
| FICH-UNL   | Facultad de Ingeniería y Ciencias Hídricas de la Universidad Nacional del Litoral, Santa | Individual | Latinoamericano | Argentina |
| UCUENCA    | Universidad de Cuenca  | Consortio  | Latinoamericano | Ecuador   |
| UNAL-IDEA  | Universidad Nacional de Colombia, a través del Instituto de Estudios Ambientales IDEA    | Individual | Latinoamericano | Colombia  |
| UNICAMP    | Faculdade de Engenharia Civil, Arquitetura e Urbansimo, da Universidade Estadual de      | Individual | Latinoamericano | Brasil    |
| ZAMORANO   | Escuela Agrícola Panamericana  | Individual | Latinoamericano | Honduras  |

For further information

[http://ec.europa.eu/europeaid/whe/re/latin-america/regional-cooperation/ralcea/index\\_en.htm](http://ec.europa.eu/europeaid/whe/re/latin-america/regional-cooperation/ralcea/index_en.htm)

**Next Event:** Second Annual Regional Seminar  
 May 2012

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