

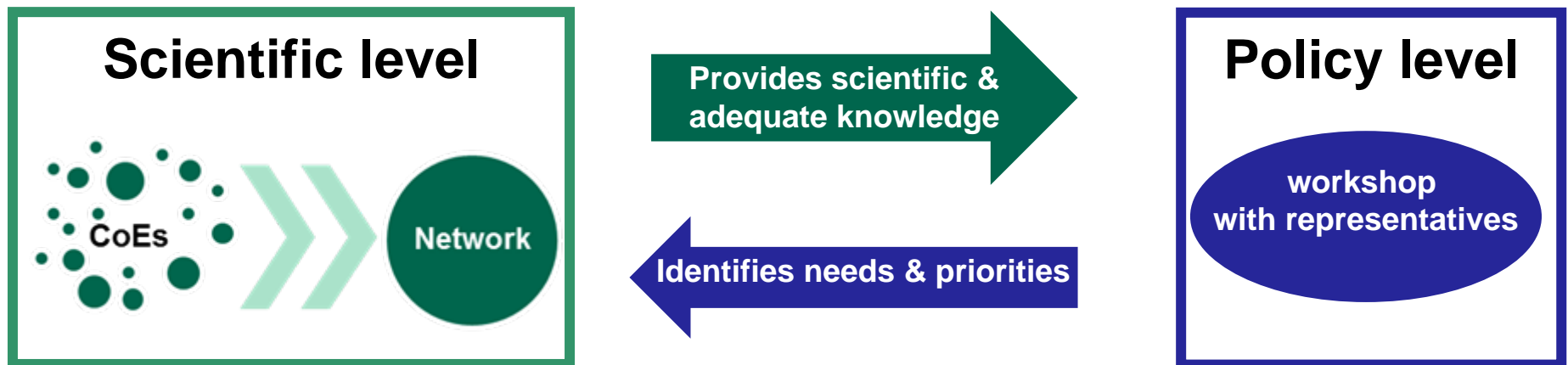
Regional Networks of Centres of Excellence in Water Sciences



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Network of Centres of Excellence (CoE) ? WHY?

- 1. Improve Coordination*
- 2. Improve Internal capacity building using the network*



Promote policy making based on scientific – technical knowledge, building capacities in the water sector through the network of CoE.

REGIONAL SCALE

Institutional initiative

- Responding to institutional identified needs regarding the water sector

CoEs Selection process

- Through a call for interest
- Technical and administrative evaluation of the CoEs

Strategy & Activities

- Definition of strategy and activities by CoE's and policy representatives in terms of
- Research
- Training and capacity building

Latin American Network of Knowledge Centres in the Water Sector (RALCEA)



RALCEA EUROPE
LATIN AMERICA



1. Answering to the identified needs of the EU Member states and the Conferencia de Directores Generales Iberoamericanos de Agua (CODIA).

2. Thematic project in line with the EU Water Initiative (EUWI) and the regional program Euroclima (Quinta Cumbre de EU-LAC, Declaración de Lima, 2008).

3. Regional Project (18 LA countries)



RALCEA centres of excellence

16 countries

*Research consortium
or individual
institutions = scientific
level*

*Focal points for each
countries = policy level*

ACRONIMO	NOMBRE	TIPO	ORIGEN	PAIS
Agualimpia	Agualimpia	Consorcio	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	Espana
CETA-UBA	Centro de Estudios Transdisciplinarios del Agua de la Universidad de Buenos Aires	Consorcio	Latinoamericano	Argentina
CICESE	Centro de Investigación Científica y de Educación Superior de Ensenada	Individual	Latinoamericano	Mexico
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	Consorcio	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

Last Regional Seminar RALCEA Italia, Ispra 4-7 Julio 2011



57 attendees representing national or regional institutions and 14 governmental representatives (focal points)

- **Presentation of CoE to map weaknesses and strenghts**
- **Constitution of thematic working groups including both CoE and focal points**

Three Thematic Axes for Action

Regional hydrological balance

- Analyse the variability of the components of the Water balance using the L- moments methodology

Water quality and sanitation

- Development, adaptation and analysis of the water quality indices. Handling issues regarding water quality indices.

Actor mapping

- Strategy definition for capacity building in the water sector in Latin America
- Implementing the strategy through activities for institutional reinforcement
- Developing and adapting tools to support capacity building

African Centres of Excellence ACE WATER



In the framework AMCOW-TAC and NEPAD's Programme on Networks of Centres of Excellence in Sciences and technology

strengthening the continent's scientific and technological development



providing scientific guidance for sub-regional and regional policy making

Sustainability

TWO regional African Networks in water

Southern Africa



Members

Mozambique	Eduardo Mondlane University,
South Africa	University of KwaZulu Natal,
	CSIR,
Malawi	University of Western Cape,
Botswana	University of Malawi,
Zambia	University of Botswana
	University of Zambia

Network Coordinator
Stellenbosch University (SA)

Western Africa

Members

Burkina Faso	2IE
Ghana	KNUST
Nigeria	NWRI
Senegal	University of Benin
	UCAD

Network Coordinator
UCAD (Senegal)

Western African network



Southern African network



- **Presentation of CoE to map weaknesses and strenghts**
- **Definition of the common strategy and activities for each regional network**

Three Thematic Axes for Action

Sector Wide approach SWAp

- Increasing capacities and skills regarding SWAp through provision of material and trainings

Water knowledge transfert

- Handling issues related to fragmentation and transfert of current knowledge to support policy making at the regional level

Research capacities

- Reinforcing CoE competences through collaboration and exchanges between CoEs taking in account weakness in the water sector



THANKS FOR YOUR ATTENTION

RALCEA

Para más información:

http://ec.europa.eu/europeaid/where/latin-america/regional-cooperation/ralcea/index_en.htm
<http://www.aquaknow.net/ralcea-centros-de-excelencia-en-america-latina>

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ACE-WATER

For more information:

<http://www.nepadwatercoe.org/> for Southern Africa network
<http://www.aquaknow.net/nepad-western-coe-network> for the Western Africa network

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