



# The “Nexus” in the work of GWP

Geneve, 29 April 2015

*Gabriela Grau*  
*Senior Network Officer*

# Content:

- GWP and IWRM
- Where do we find the “nexus” in our conceptual framework?
- Our strategic framework
- An illustrative example of “nexus” oriented work

# IWRM and GWP's institutional framework

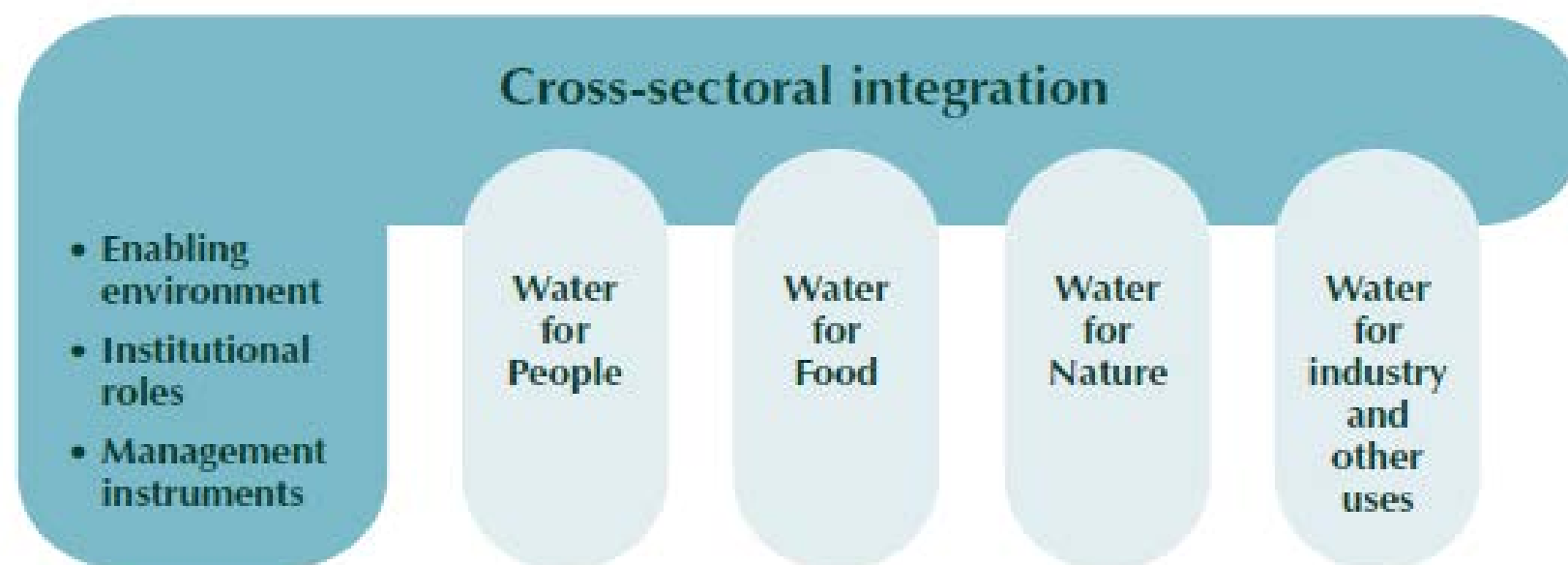


**Rio 92 (GWPO) → GWPO Statutes: Article 2, (2)** The objective of the Network is to develop and promote the principles of IWRM...

**IWRM:** *“is a process which promotes the coordinated development and management of water, land and related resources in order to maximise economic and social welfare in an equitable manner **without compromising the sustainability of vital ecosystems and the environment**”*

## **GWP's Vision: A water secure world**

**Water security:** *“the availability of an **acceptable quantity and quality** of water for health, livelihoods, **ecosystems** and production, coupled with an acceptable level of water-related risk to people, environments and economies”*



**Fig. 3:** IWRM and its relations to sub-sectors

Source: GWP (2000). TEC Background Paper # 4.



**Conservation of ecosystem services**  
'Nature for water'  
Provisioning / regulating / cultural / supporting



## WATER SECURITY

- Water in quantity and quality for all users
  - Resilience to climate change effects
- Human and economic development for all: health, livelihoods, and access to the basics for a good life, social peace, and national prosperity.

## Cross-sector integration

Decision-makers and social change actors (education, finance, health, foreign affairs...)

- Enabling environment
- Institutional roles
- Management instruments

Water for people    Water for food    Water for energy    Water for nature    Water for other uses

**Secure water for all sector needs**

**WATER SECURITY = END**

**INTEGRATED WATER RESOURCES MANAGEMENT = MEANS**



# WATER SECURITY

- Water in quantity and quality for all users
  - Resilience to climate change effects
- Human and economic development for all: health, livelihoods, and access to the basics for a good life, social peace, and national prosperity.

## Cross-sector integration

Decision-makers and social change actors (education, finance, health, foreign affairs...)

- Enabling environment
- Institutional roles
- Management instruments

Water  
for  
people

Water  
for  
food

Water  
for  
energy

Water  
for  
nature

Water  
for  
other uses

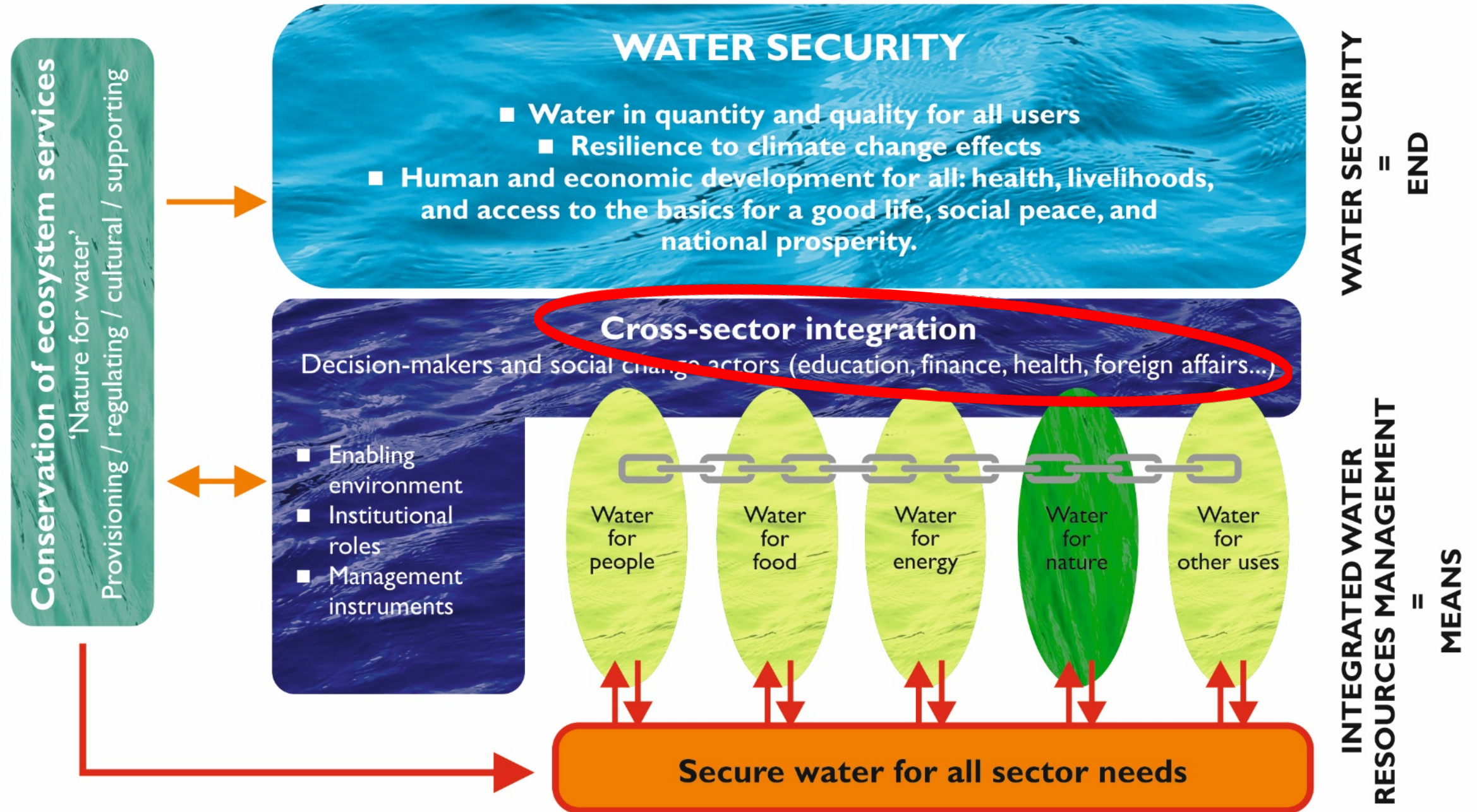
Secure water for all sector needs

INTEGRATED WATER  
RESOURCES MANAGEMENT  
= MEANS

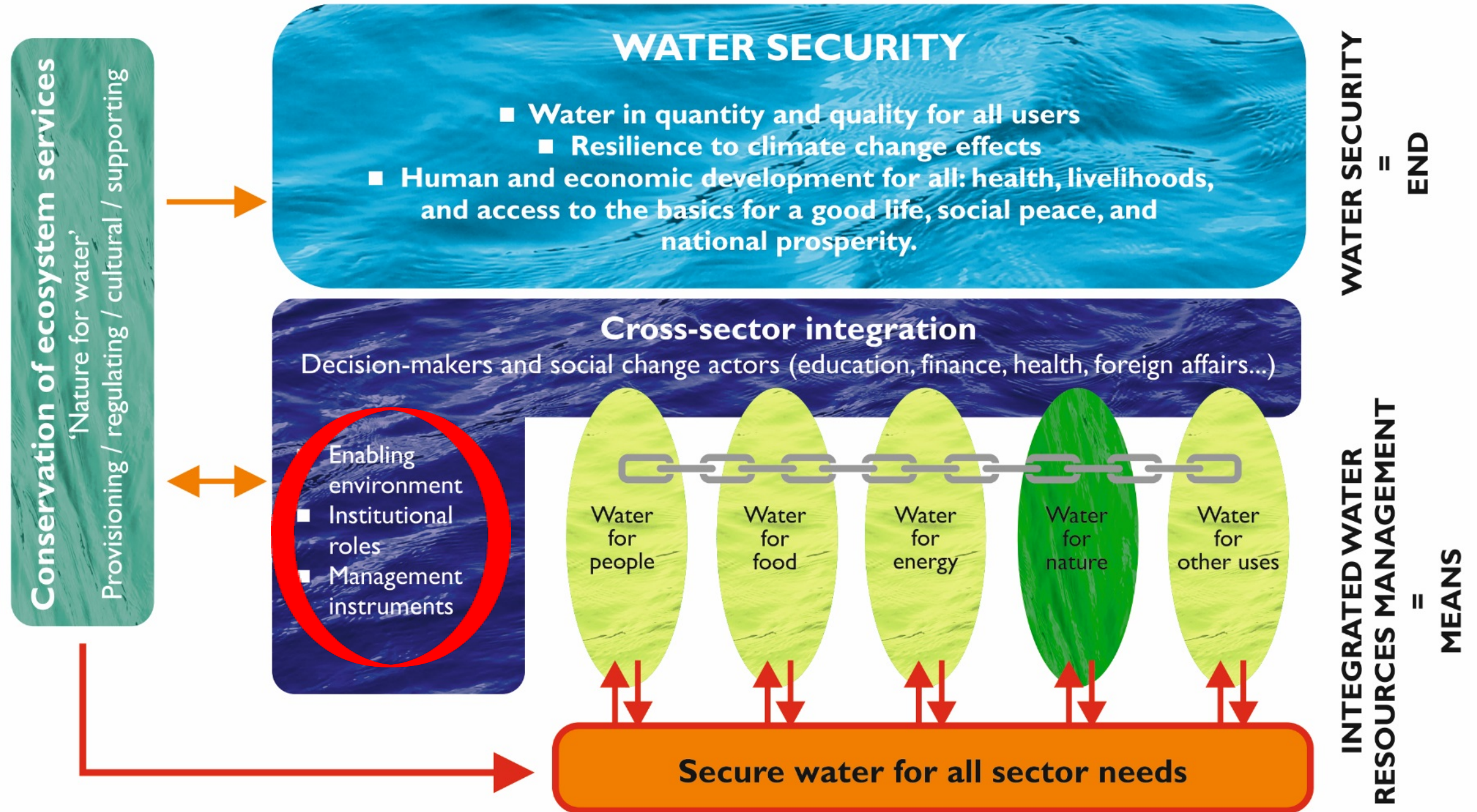
WATER SECURITY  
= END

Conservation of ecosystem services  
'Nature for water'  
Provisioning / regulating / cultural / supporting











**Conservation of ecosystem services**  
'Nature for water'  
Provisioning / regulating / cultural / supporting



### WATER SECURITY

- Water in quantity and quality for all users
  - Resilience to climate change effects
- Human and economic development for all: health, livelihoods, and access to the basics for a good life, social peace, and national prosperity.

### Cross-sector integration

Decision-makers and social change actors (education, finance, health, foreign affairs...)

- Enabling environment
- Institutional roles
- Management instruments

Water for people   Water for food   Water for energy   Water for nature   Water for other uses

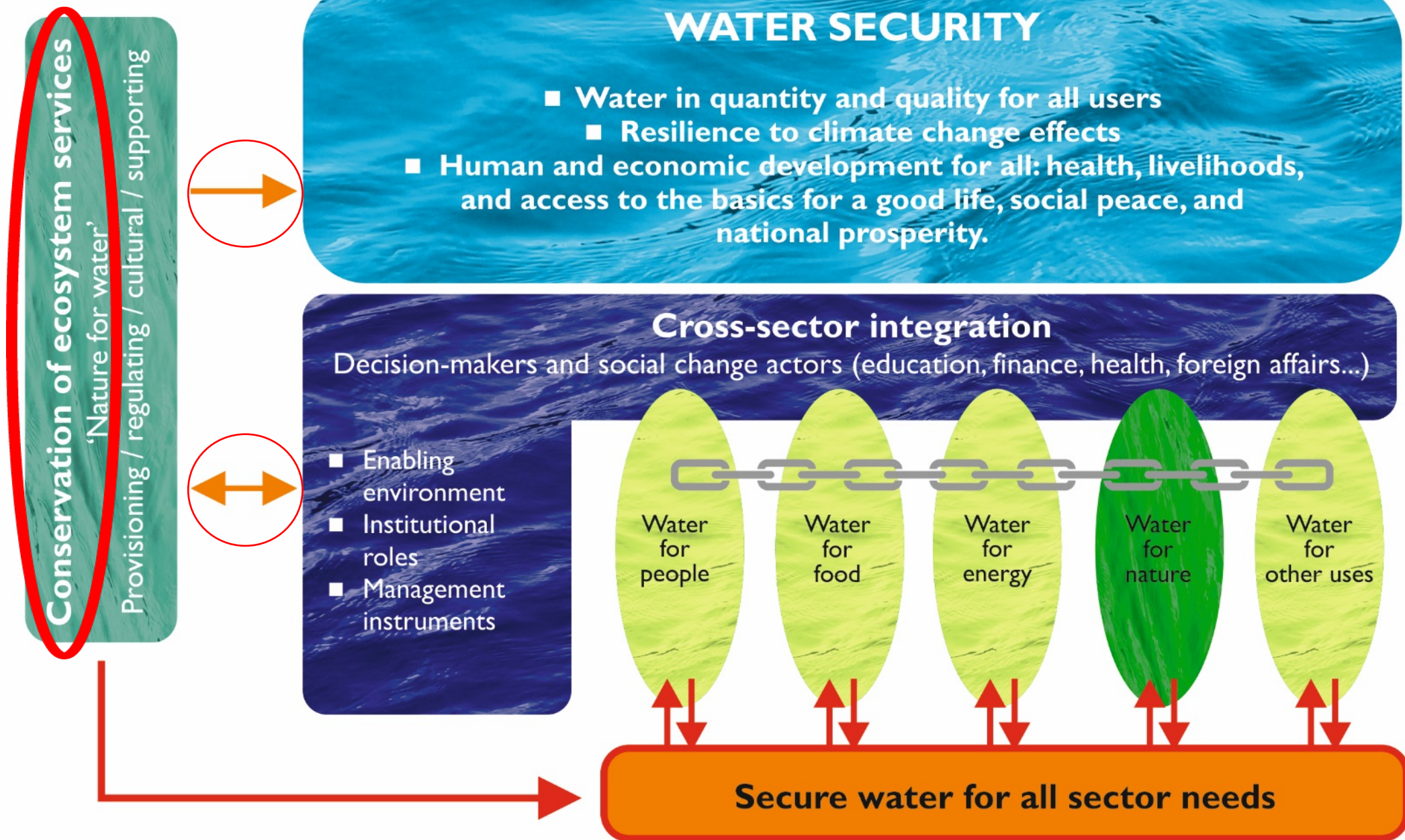


**Secure water for all sector needs**

**WATER SECURITY = END**

**INTEGRATED WATER RESOURCES MANAGEMENT = MEANS**







# GWP's Strategy 2014-2019

## *Towards 2020*



## Strategic Goals

1. Catalyse change in policies & practice
2. Generate and communicate knowledge
3. Strengthen partnerships

## 6 Thematic areas

**Climate resilience**



**Food**



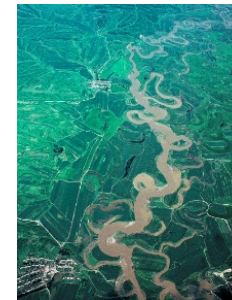
**Urbanisation**



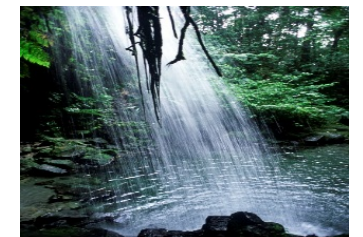
**Energy**



**Transboundary**

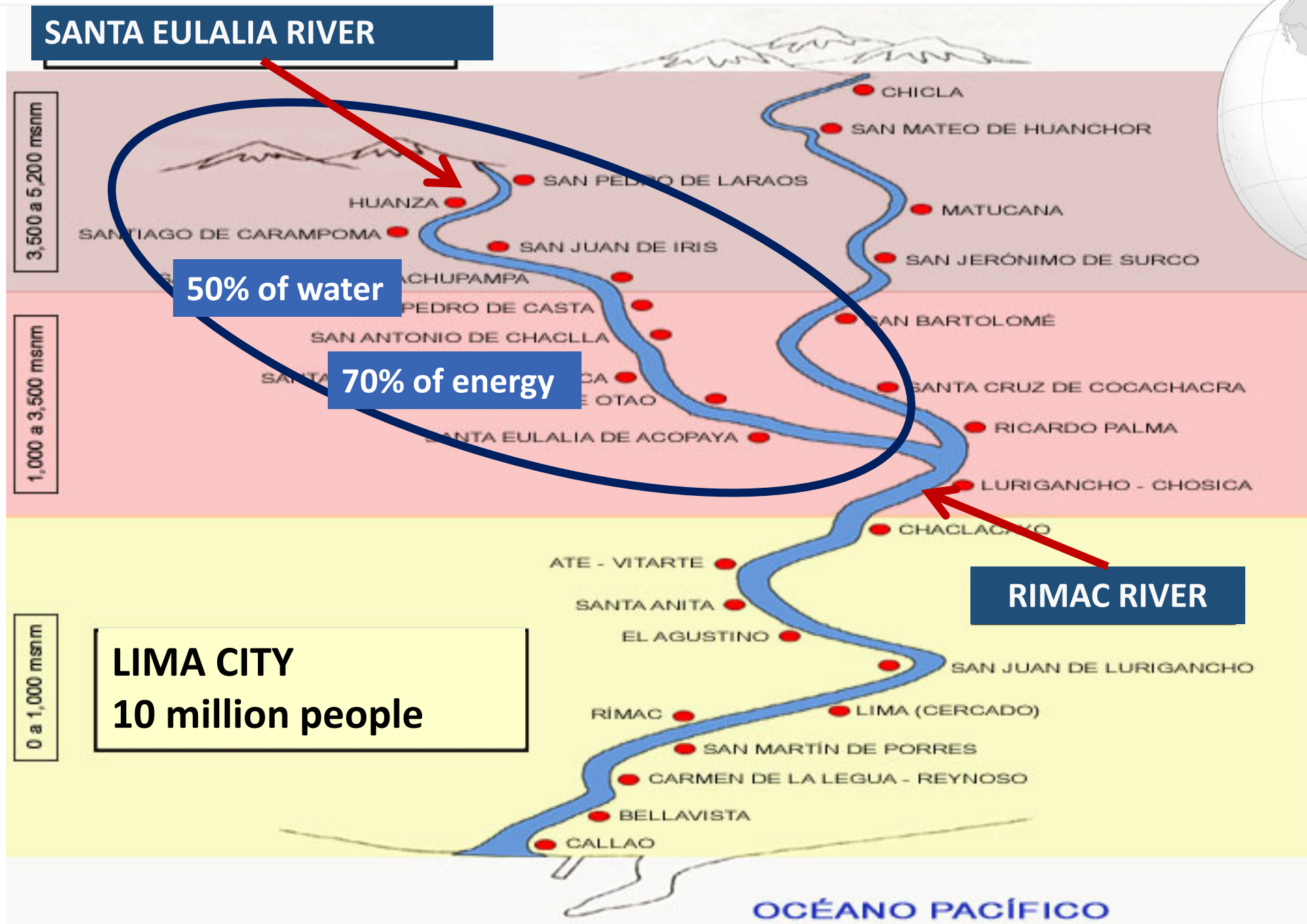


**Ecosystems**



# What we actually DO...

## SANTA EULALIA RIVER



50% of water

70% of energy

## RÍMAC RIVER

**LIMA CITY**  
10 million people

OCEANO PACÍFICO



# The Coordination Committee (mid 2013 → March 2014)



Ministry of Agriculture and Irrigation (MINAGRI)

National Water Authority (ANA)

Ministry of Environment (MINAM)

Ministry of Energy and Mining (MINEM)

Ministry of Housing, Infrastructure and Sanitation (MVCS)

SEDAPAL (main water services supplier for Metropolitan Lima)\*

Commonwealth of Municipalities of Santa Eulalia Valley

Association of Peasant Communities Nor Huarochiri

Huancavelica Energy Consortium (CONENHUA)\*

Pontifical Catholic University of Peru

National Agrarian University - La Molina

NGO Agua Limpia

GWP Perú



# Initial results/commitments...

- SEDAPAL → fund demo projects on soil conservation and water harvest.**
- MINAGRI → TA in terraces rehab and consider proposals (Agrorural – Mi Riego)**
- MVCS → support demo rural sanitation & treatment plants**
- MINAM & INDECI → maps on risk assessment and plan mgt of disasters**
- INGEMMET → Hydrogeological and soil studies**
- ANA, IDMA, IICA → CB for leaders, “water culture”, governance strengthening**
- PUCP → dev of social & demographic baseline info**
- UNALM → maps on vegetation cover + designed 3 technical projects**
- PUCP, SEDAPAL, USAID, MINAM, Commonwealth... → initial steps for definition of PES**
- Local Agrarian Agency → rehab Inca terraces & channels; infiltration ditches; reforestation**



# Initial results/commitments...



**AQUAFONDO, TNC, URP → inventory of govt funded projects and private initiatives**

**Commonwealth of Municipalities → political and logistic support for baseline studies**

**Farmers' Communities → host technicians**

**IFEA → study on water conflicts**

**3000 beneficiaries - direct and indirect**

**Coord Committee recognised by ANA as Specialised Working Group → IWRM Strategy**

**Municipalities have established dialogue with Farmers' communities → money/needs**

**Written and public commitment to WRM by municipal candidates**

**A very engaged and proactive Coord. Committee**

**2014 Budget = 140K € → 206K € in-kind + synergies**

# Lessons learned around this IWRM process

- Credibility of GWP in Peru
- A Strong and diverse set of GWP Partners
- Seed funds
- A committed and well respected academic champion.
- Regular participatory meetings
- Build a bridge between science and politics
- Build a “nexus” between enterprises, civil society, academic sector, NGOs and Public Sector.







Thank you