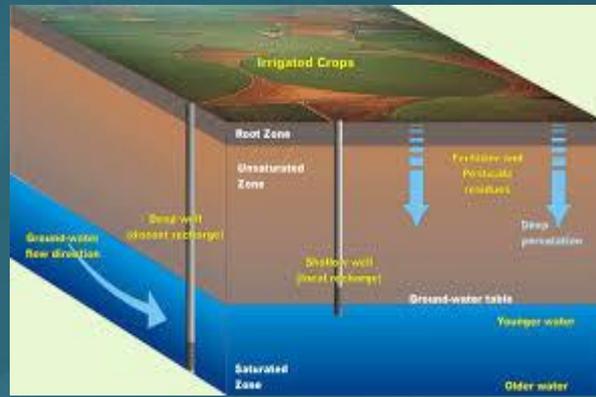




# sustaining the services & benefits of groundwater



# hidden, in complete oblivion, groundwater is challenged by depletion & pollution





**Groundwater Governance**  
A Global Framework for Action

5 agencies – 5 years – 5 continents  
paved the way to achieving Good  
Groundwater Governance



Food and Agriculture  
Organization of the  
United Nations



United Nations  
Educational, Scientific and  
Cultural Organization



International  
Hydrological  
Programme



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# Project Main Outcomes

## Global Diagnostic:

***Why** and **Where** do we need to act?*

## A Shared Global Vision 2030:

***What** do we want to achieve?*

## Framework For Action:

***How** can we achieve the Global Vision?*



# Global Diagnostic

Scientific & technical knowledge,  
regional & country experiences

Existing threats to groundwater

Challenges to and impediments for  
improved groundwater governance



**Shared Global Vision**

**We have a dream!!**

**YEAR 2030**

**GROUNDWATER**

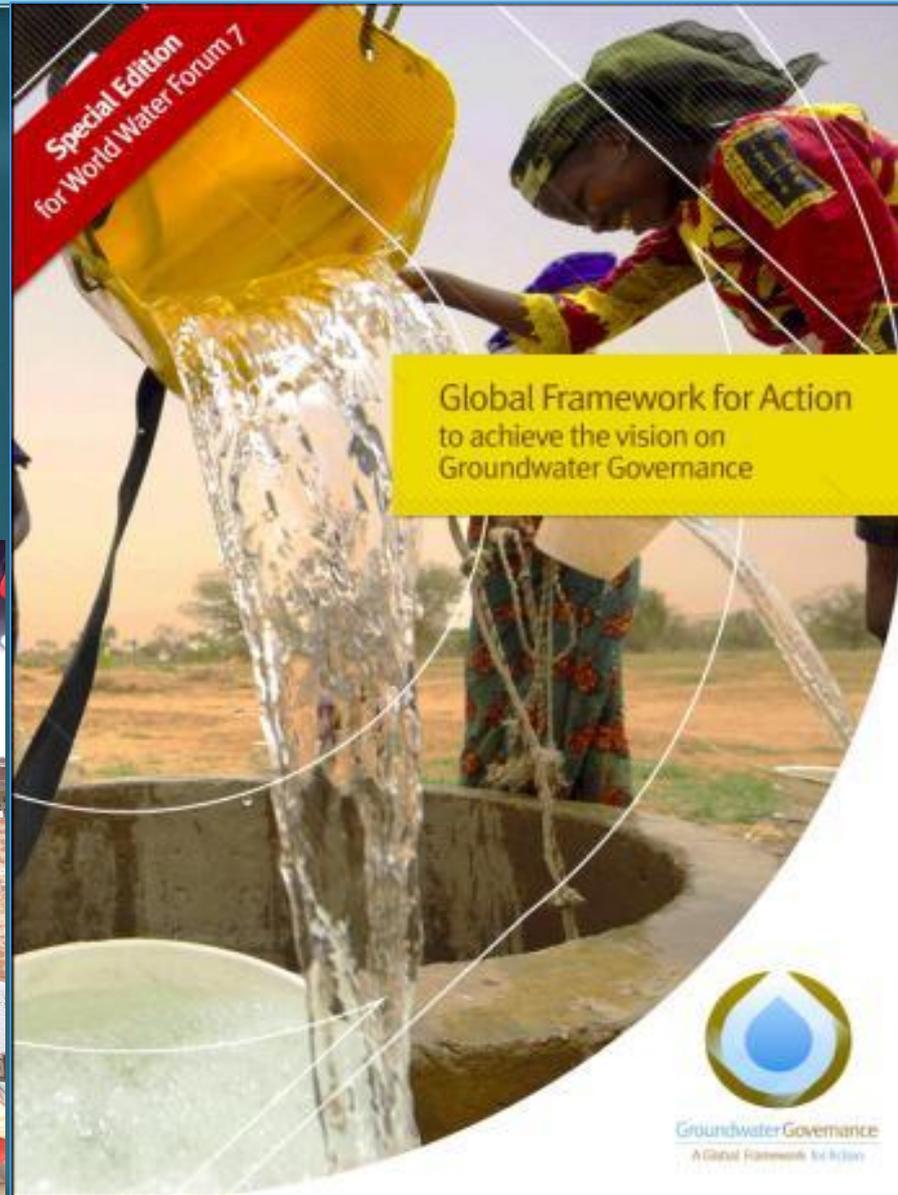
**GOVERNANCE**

**IS A REALITY**

**IS A REALITY**

# Global Framework for Action

Policy and institutional guidelines, recommendations, best practices.



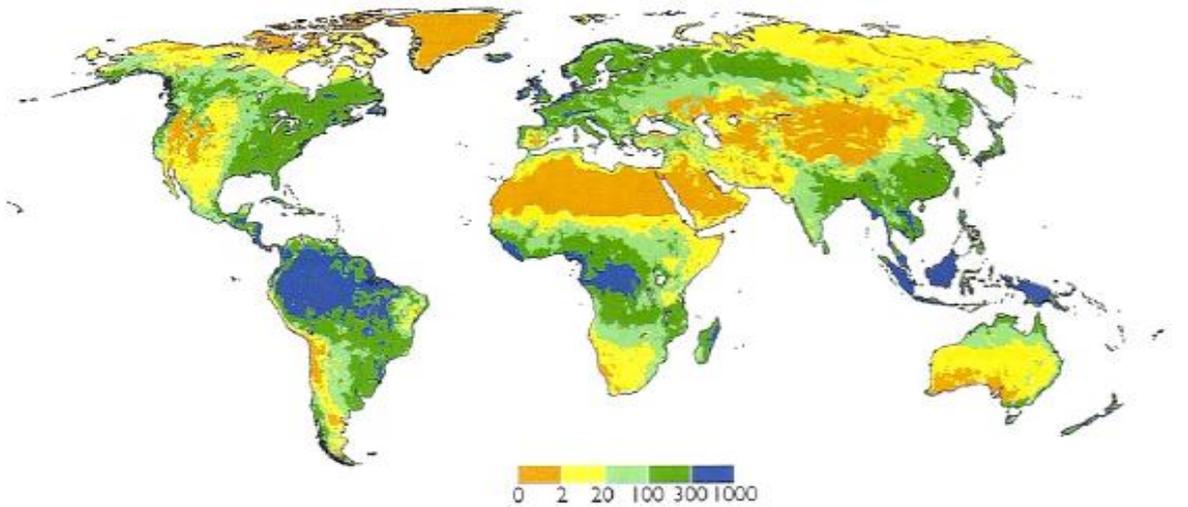
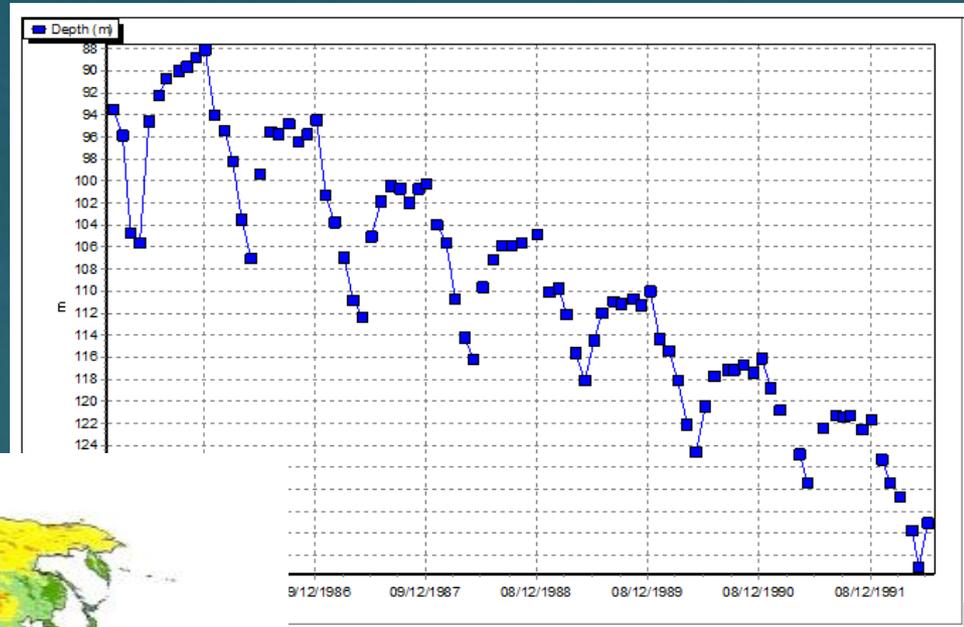
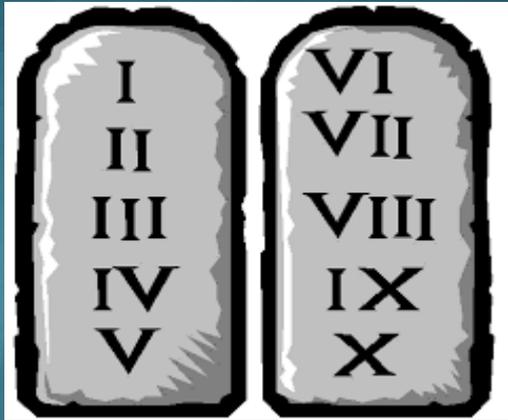
# FFA STRUCTURE: UNDERSTANDING THE CONTEXT

Considering what **already exists** and what is **feasible** in the short and medium term.

Adapting governance to **the local context**.



# FFA STRUCTURE: 1. CREATING A BASIS FOR GOVERNANCE



## FFA STRUCTURE: 2. BUILDING EFFECTIVE INSTITUTION



**RESPONSIVE  
TRANSPARENT  
EFFECTIVE  
INSTITUTIONS**



# FFA STRUCTURE: 3. MAKING ESSENTIAL LINKAGES

Domestic supply

tourism

transport

industry

ecosystems



megacities

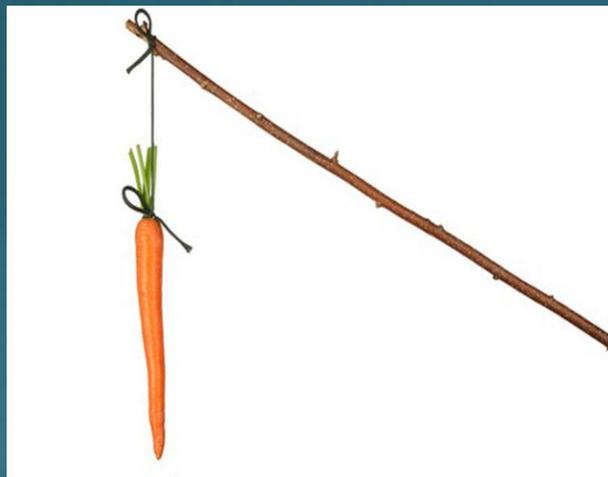
health

surface water

agriculture

mining

# FFA STRUCTURE: 4. REDIRECTING FINANCE AND INCENTIVES



# FFA STRUCTURE: 5. A PROCESS FOR PLANNING AND MANAGEMENT



# IMPLEMENTATION OF THE FRAMEWORK FOR ACTION

To achieve the Vision,  
all stakeholders have  
their part to play



# Project Impacts, so far ....

## High commitment for action by partner agencies:

- World Bank Program on Groundwater
- GEF Program on Conjunctive Management
- FFA implementation in 3 countries by FAO
- UNESCO project on Conjunctive Management
- IAH Congress 2015 dedicated to GW centered on groundwater governance



## Project Impacts, so far ....

**Large number of groundwater policy-makers and stakeholders around the world sensitized**

**Uptake by countries - and organizations which endorsed the project outcomes - following their launch at 6<sup>th</sup> WWF in 2015, in South Korea**

- Groundwater-dedicated center for Latin America in Uruguay
- Big projects in India, China, etc.
- Restructuring of groundwater institutions in Brazil, Mexico, etc.

# FFA implementation – direct contribution to SDGs



# FFA implementation – direct contribution to SDGs



# FFA implementation – direct contribution to SDGs





Groundwater Governance  
A Global Framework for Action

Thank You  
from the Groundwater Governance Team

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