



ΕΙΔΙΚΗ
ΓΡΑΜΜΑΤΕΙΑ
ΥΔΑΤΩΝ



ΥΠΟΥΡΓΕΙΟ
ΠΕΡΙΒΑΛΛΟΝΤΟΣ
& ΕΝΕΡΓΕΙΑΣ



SPECIAL
SECRETARIAT
FOR WATER



MINISTRY OF
ENVIRONMENT
& ENERGY



SWS
SPECIAL WATER SECRETARIAT:
FROM WATER MANAGEMENT
TO
WATER GOVERNANCE

Ministry of Environment & Energy, Special Secretariat for Water
13th INBO General Assembly, Thessaloniki, October 2015

Water Governance why this concern?

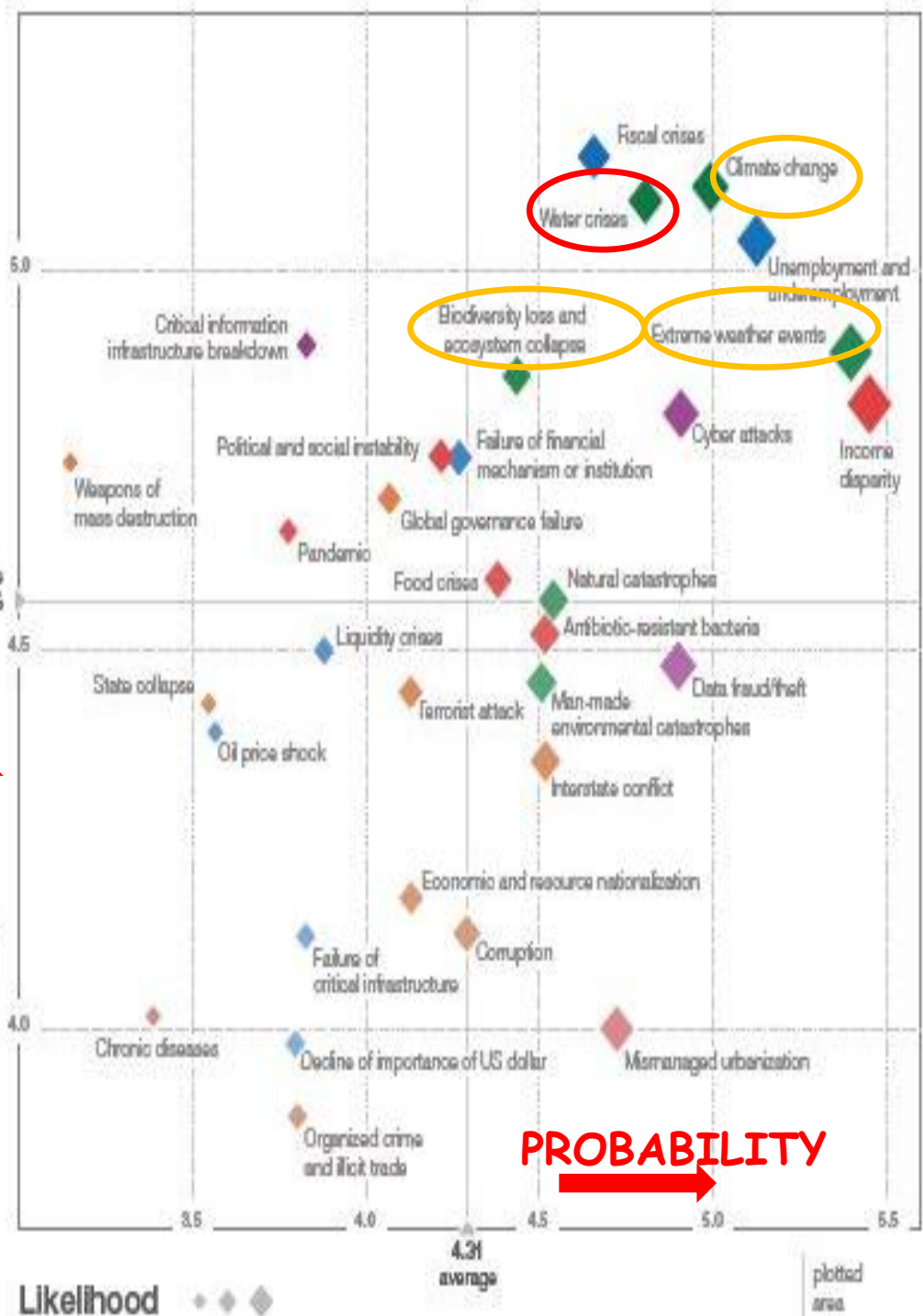
Global Risks Report
2014, World Economic
Forum

'Water crisis'
is the third
highest global
risk

**..extreme weather,
climate change and
biodiversity loss
also very high**

IMPACT ↑

Impact



PROBABILITY →

Likelihood

plotted area

THE CHALLENGE WATER SECURITY

WATER-RELATED HAZARDS

- Water Scarcity
- Droughts
- Floods
- Land subsidence

HOW ?

EFFECTIVE WATER GOVERNANCE

SOCIO-ECONOMIC CONDITIONS

- Recession
- Inflation
- Economic crisis
- Unemployment



WATER GOVERNANCE DEFINITIONS

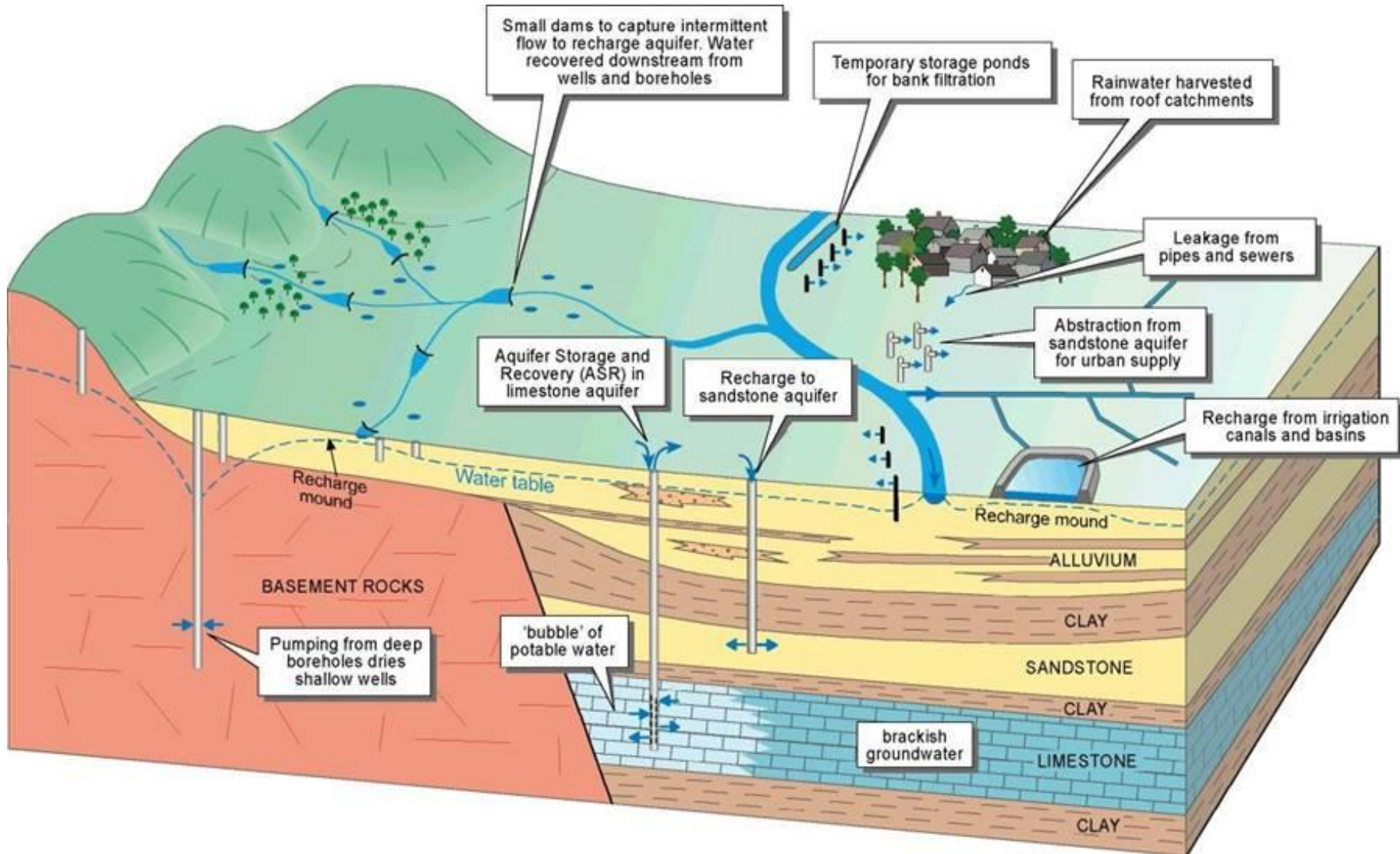
- Different definitions:
 - Mechanisms, **processes** and institutions through which citizens and groups articulate their interests, exercise their rights, meet their obligations and mediate their differences (UNDP, 1997)
 - The overarching framework of water laws, regulations and customs, as well as the processes of engaging the civil sector and others (Saunier and Meganck, 2007)
- **Governance, management and policy**
 - Management: activities based on data, assumptions, principles, models in order to achieve some targets
 - Policy: application of rules (mainly legal-regulatory) in order to resolve particular problems.

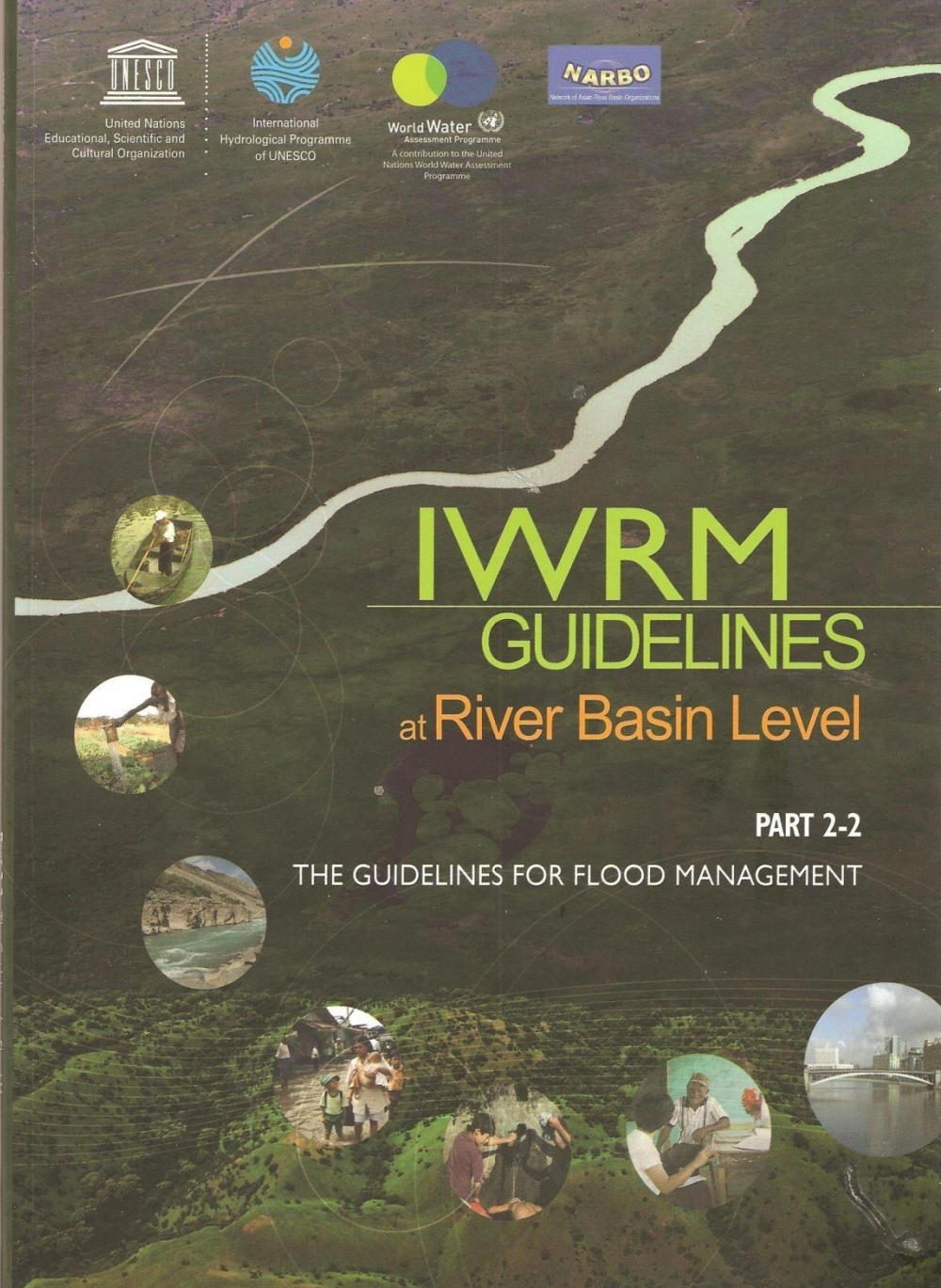
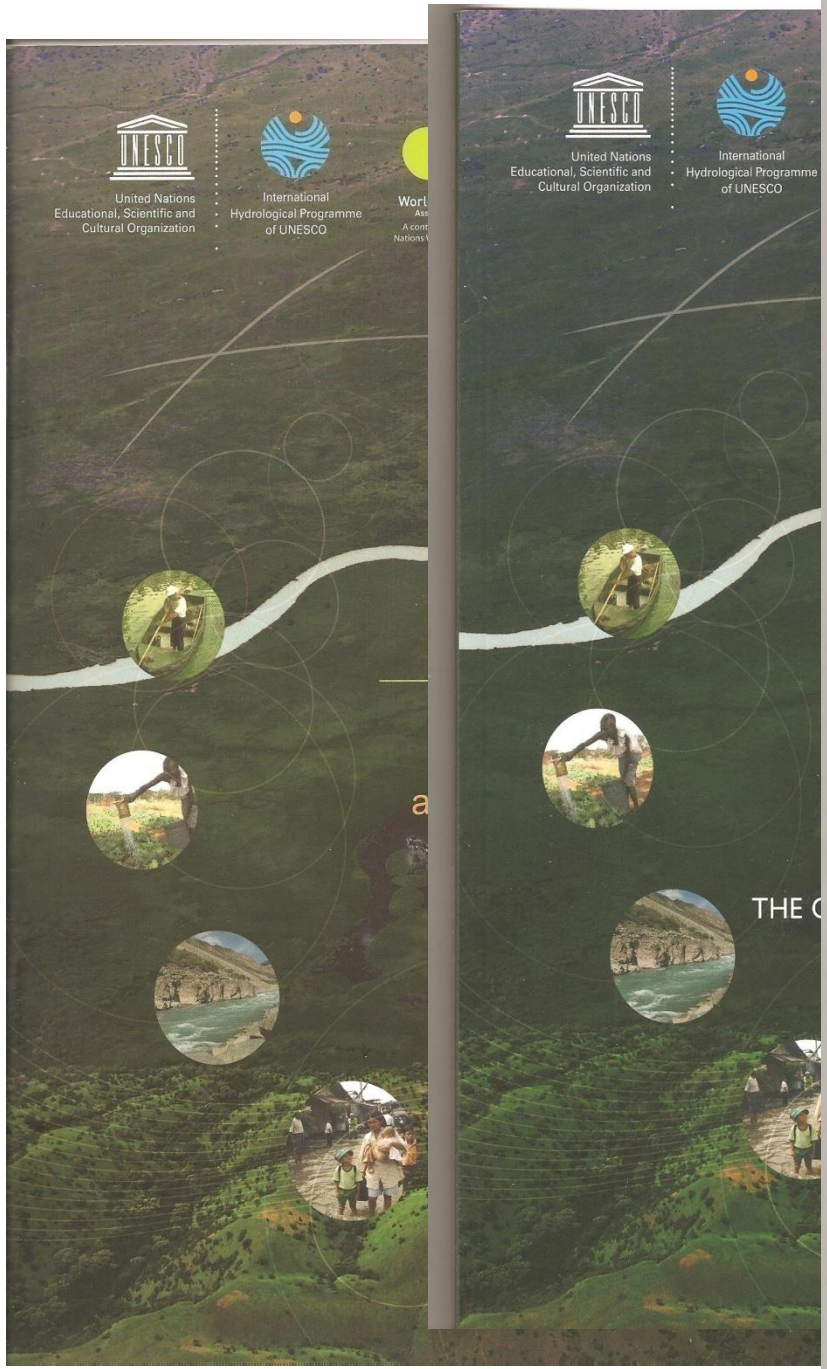


FROM WATER GOVERNANCE TO WATER SECURITY: the capacity of a population to safeguard access to adequate quantities of water of acceptable quality for sustaining human and ecosystem health on a watershed basis, and to ensure efficient protection of life and property against water related hazards -- (floods, landslides, land subsidence,) and droughts.



Reliable Scientific Approach





HYDROLOGY

LIFE

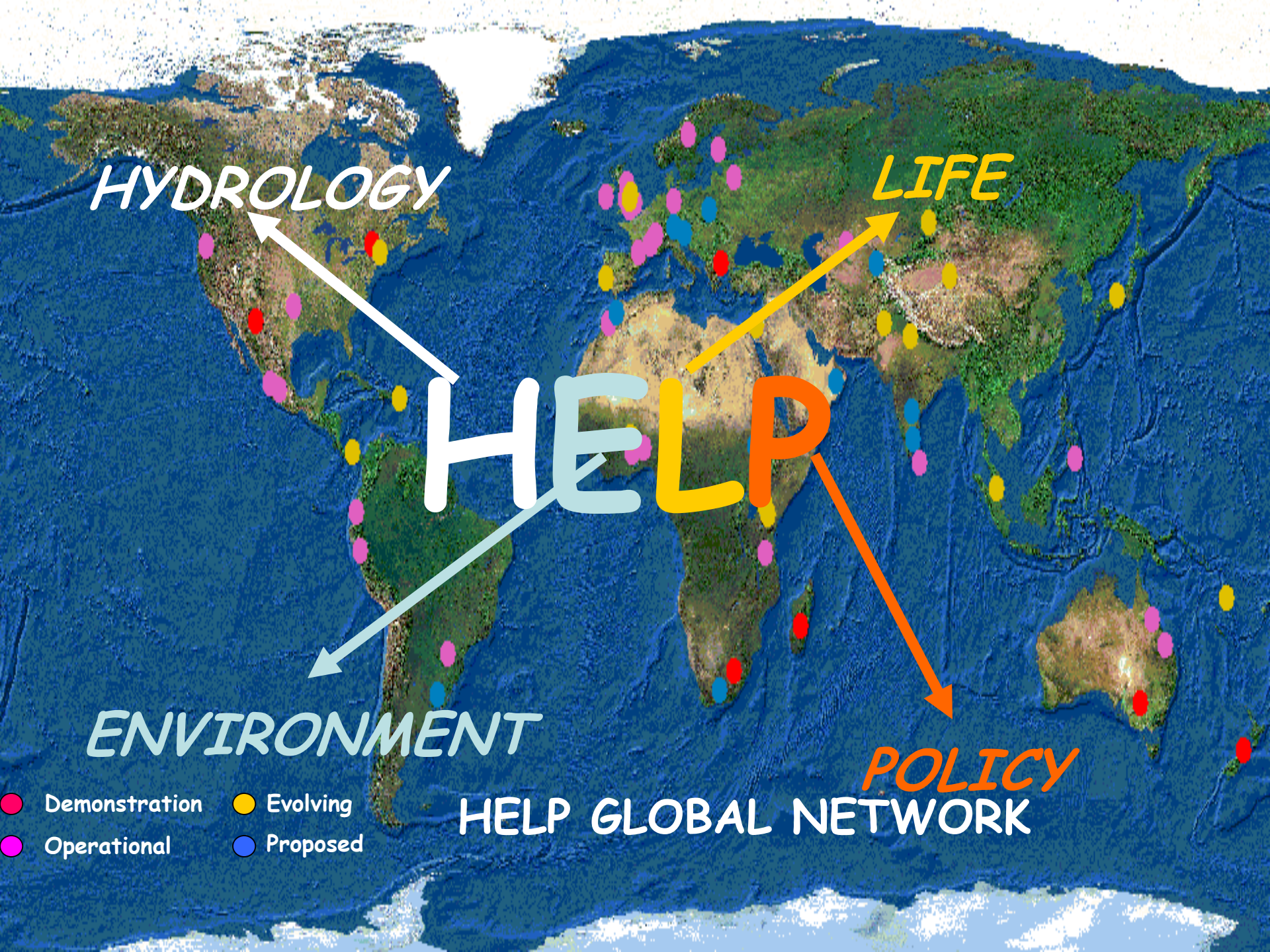
HELP

ENVIRONMENT

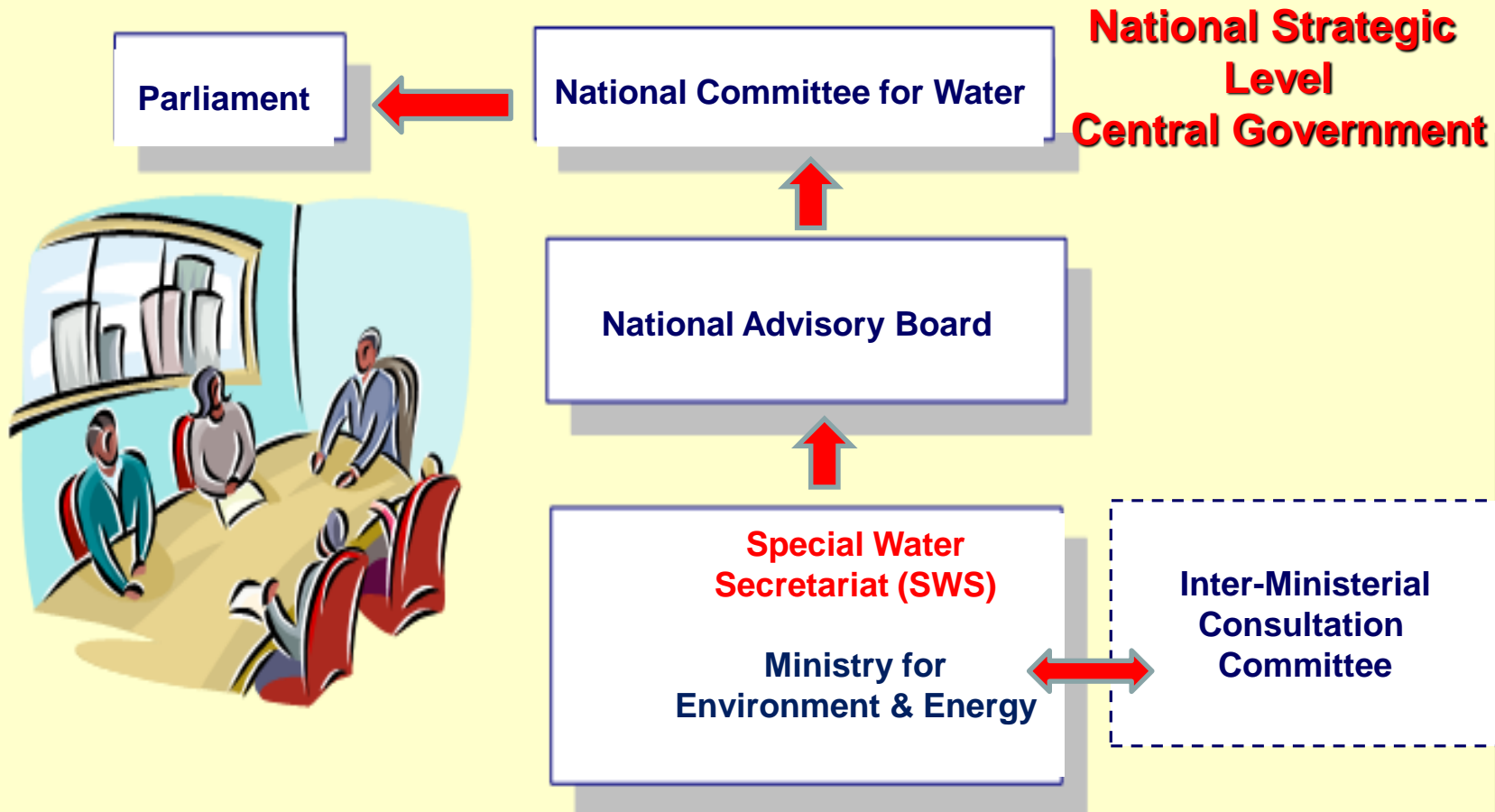
POLICY

HELP GLOBAL NETWORK

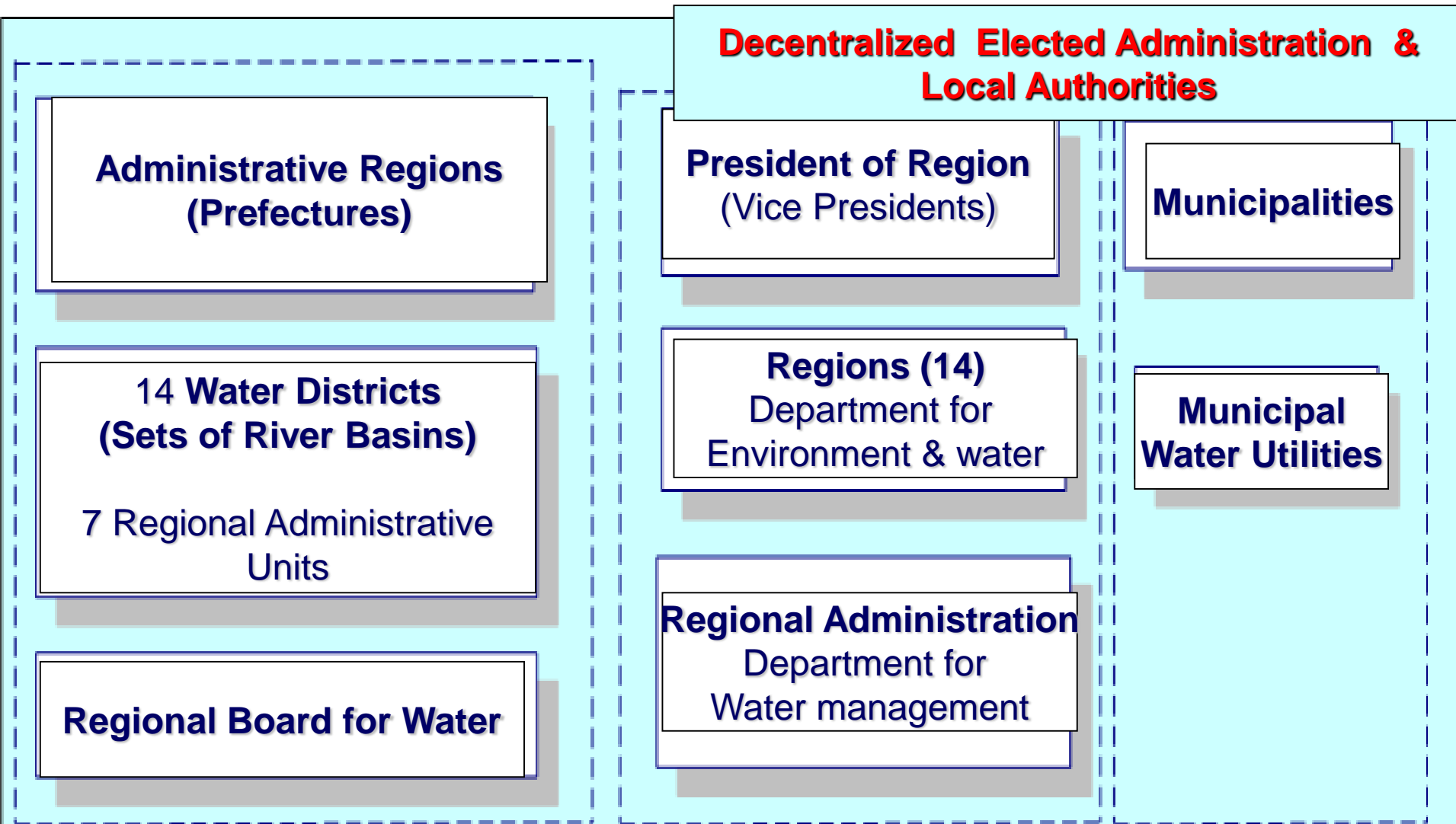
- Demonstration
- Evolving
- Operational
- Proposed



Water Governance in Greece



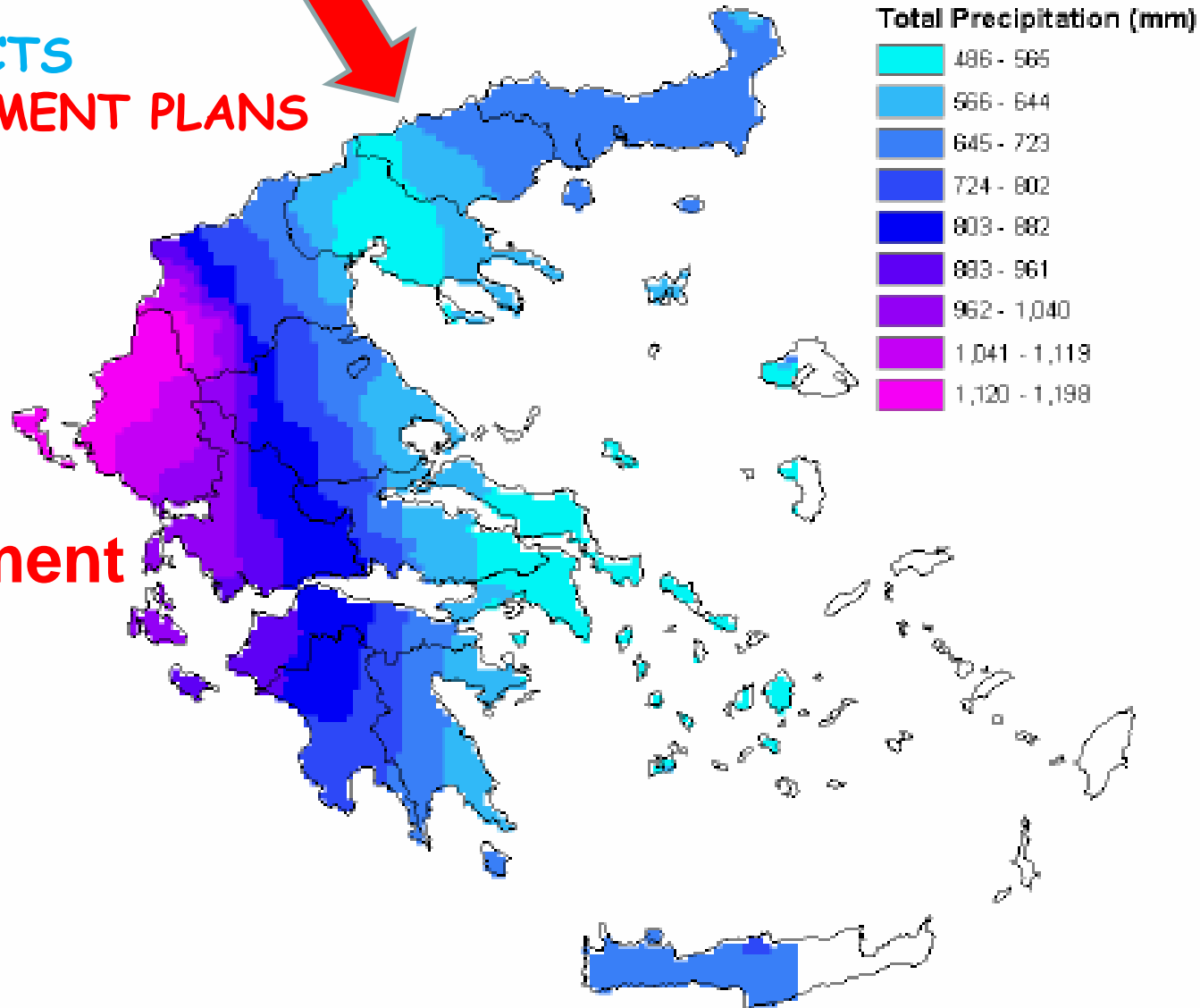
Institutions & management bodies



HIGH HYDROLOGICAL AND HYDRO-GEOLOGICAL VARIABILITY

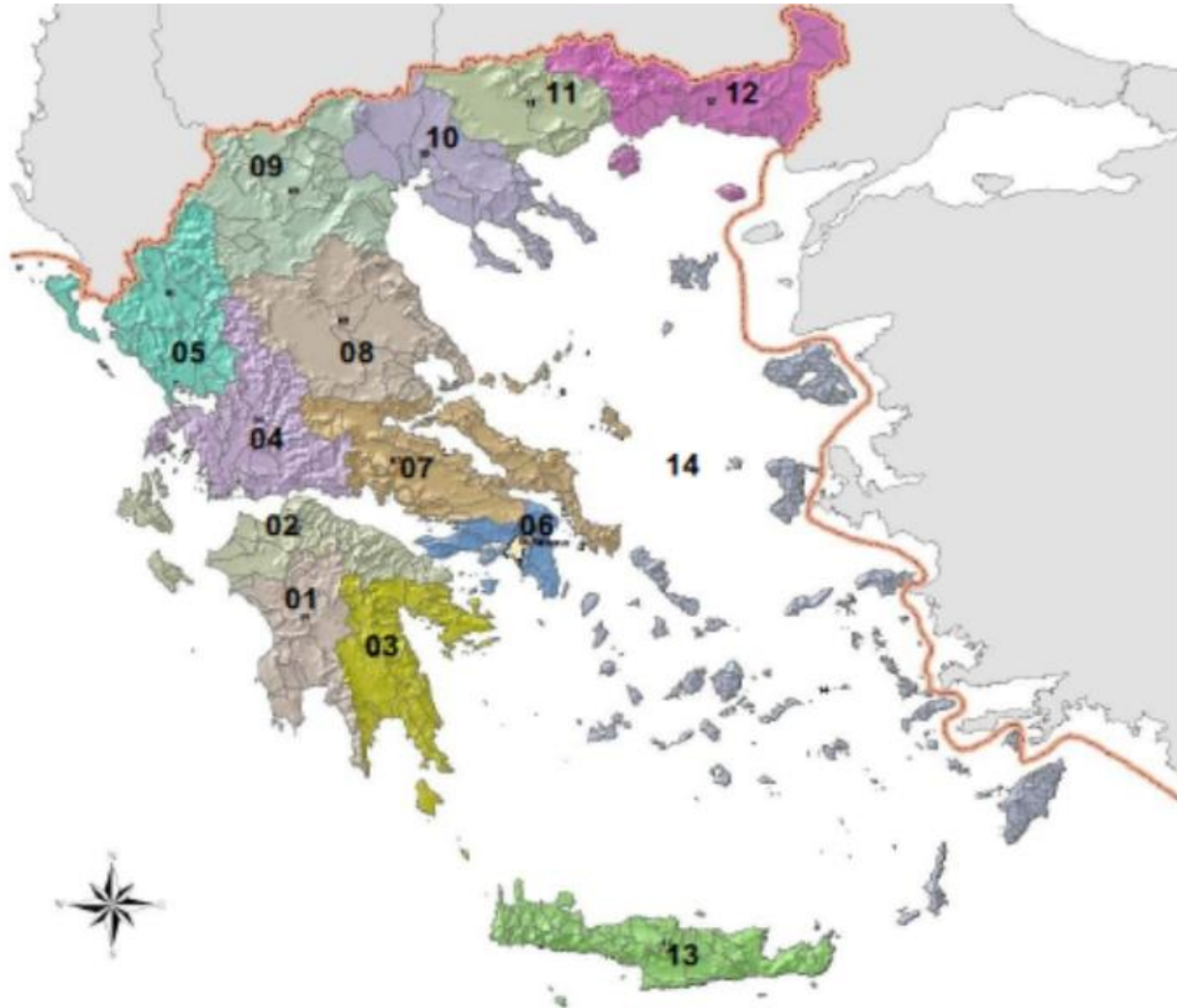


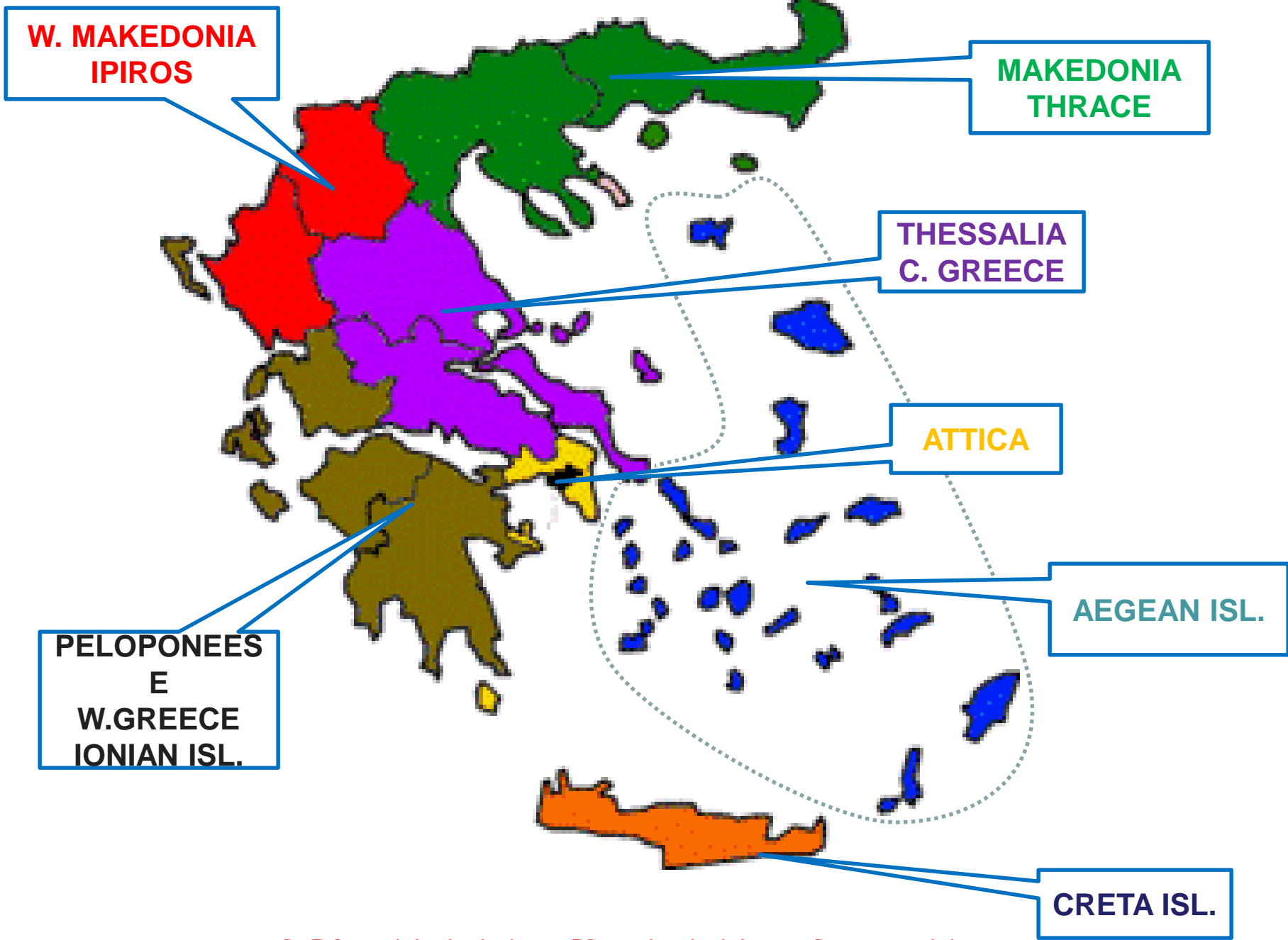
14 WATER DISTRICTS
14 WATER MANAGEMENT PLANS



Water Management
plans:
2010-2015
Under review:
2015-2020

14 HYDROLOGICAL DISTRICTS (WATER MANAGEMENT PLANS)





7 REGIONAL WATER ADMINISTRATIONS

SWS

responsible for the strategic
planning at national level

**Special Water Secretariat
(SWS)**
Ministry for Environment &
Energy



Directorate for the Protection
& Management of
Aquatic Environment

Directorate for Water Pricing
& Regulation of
Water Services

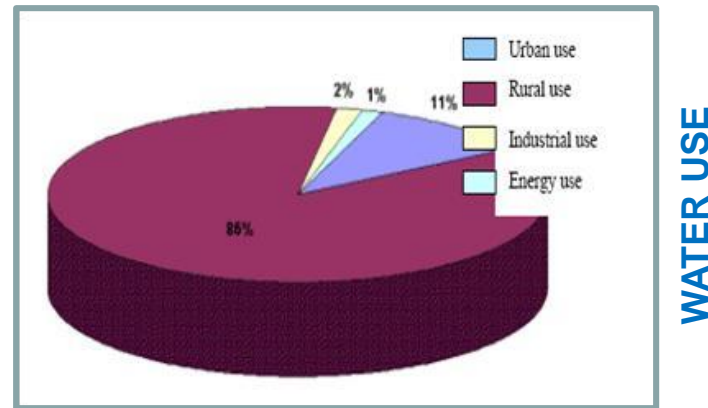
Department for
surface
& groundwater

Department for
seawater
& environmental
technologies

Department for
Costing &
Pricing of
Water Services

Department for
Monitoring,
Evaluation &
Support of
Public Agreements

WATER PRICING POLICY IN GREECE



TASKS COMPLETED

- Creation of Inter-Ministerial Advisory Committee
- Internal Consultation and Agreement on General Rules for Water Tarification and Pricing

TO BE DONE

- Public Consultation
- Setting up Adequate Policy Instruments

SWS: Role & responsibilities

- **Strategic planning, development & evaluation** of policy for the protection & management of water resources
- **Co-ordination at regional & local level**, of all the involved parties in the protection & management of water



SWS: Role & responsibilities

- **Organization & implementation of a monitoring system** for quantitative & qualitative characteristics of water resources
- **Recording, processing & reporting** of plans and data related to water resources



Strategic Actions & Initiatives



1. Preservation & sustainability of water resources

Implementation
of the WFD
2000/60/EC

Development of River Basin
Management Plans

Operation of the National Monitoring
Network of quantitative & qualitative
status of water resources

Operation of the National Bank for
Hydrological & Meteorological
Information



1. Preservation & sustainability of water resources

Management of Water services

Formulation of pricing policy for each sectoral use of water

Methodology, costing & pricing rules within the framework of implementation of the established general rules. Cooperation with the co competent Ministries and consultation with water service providers

Monitoring & supervising on the implementation of management rules concerning pricing & development of a monitoring system

1. Preservation & sustainability of water resources

Implementation
of WFD
2000/60/EC

Legislative framework for the licensing of construction & use of water resource exploitation works

Development & operation of the National Registry of Water Abstraction

Development of a national framework for costing & pricing of water services

Management of degraded water systems

2. Assessment & Management of Flood Risks

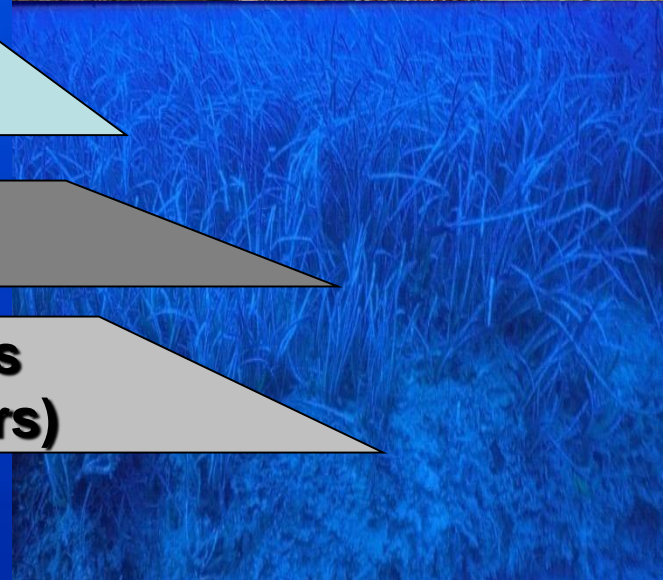
Implementation of the “Floods” Directive 2007/60/EC

Preliminary Assessment of flood risks for all Water Districts – Determination of zones that are at high Potential Risk

Preparation of Flood Risk Maps

Development of Flood Risk Management Plans

3. Marine water protection/ Marine Strategy

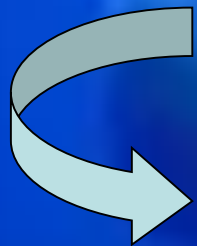


Implementation of the Directive 2008/56/EC

“Good Environmental Status”
GES

Programme of Measures

Preparation of Action Plans
(Strategies for Marine Waters)



4. Management of Bathing water quality

Implementation
of the Directive
2006/7/EC

Monitoring programme of Bathing Water Quality at national level

Development & operation of the Registry of Bathing Water Identities

5. Management of Wastewater



Urban Wastewater - Directive 91/271/EC

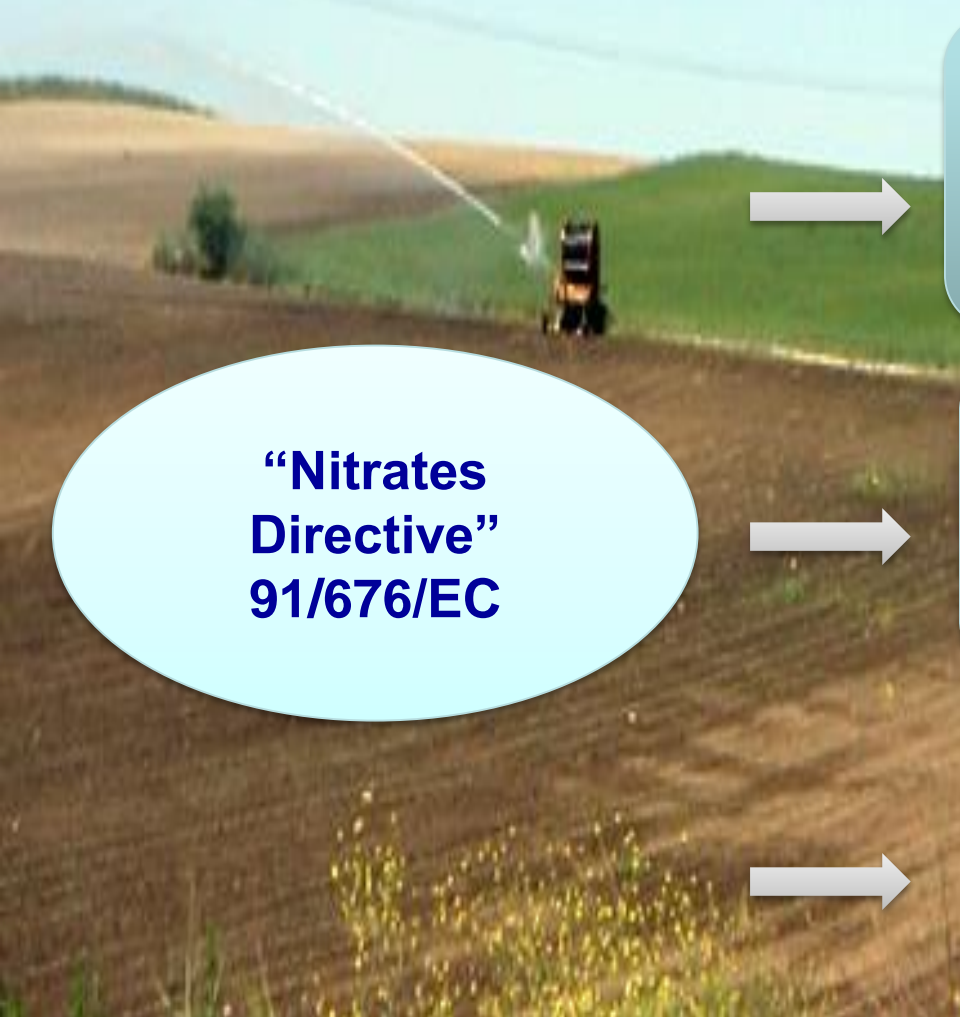
Collection, monitoring & evaluation of operational data of WWTPs at national level/ Operation of the National Data Base

Monitoring of the developments in the completion of the required infrastructure for wastewater collection & treatment

Co ordination of the competent entities to become in line with the provisions of the Directive

Co operation & Co ordination with the competent entities/authorities to address infringements of European Legislation pending before the Court of Justice

6. Protection of water resources against nitrate pollution



**“Nitrates Directive”
91/676/EC**

Identification of the requirements & measures for the protection of aquatic environment against nitrates of agricultural sources at national level

Monitoring & co ordination for their implementation, in cooperation with co competent agencies & reporting to responsible EE agencies

Development/establishment, in cooperation with the Ministry for Rural Development, of Action Programmes for the vulnerable zones, designated in the RBMPs & taking into account the evaluation the National Monitoring Network’ s results

7. International Relations/Cooperations/Representations

The SWS in order to enhance the effectiveness in the implementation of its strategic choices:



Develops bilateral cooperations with neighboring countries, targeting to the management of transboundary water resources



- Participates in working groups at European level for the implementation of European Directives.
- Establishes and coordinates thematic working groups at national level.



Cooperates with the Hellenic Statistical Authority (EL.STAT.) & EUROSTAT within implementation of programmes related to the improvement of water statistics & dissemination of data.

Cooperates with other MS of EU aiming at the enhancement of capacity building, exchange experience & expertise, promotion of best practices in the field of water resource management



**thank you
for
your attention!**

wfd.ypeka.gr /

