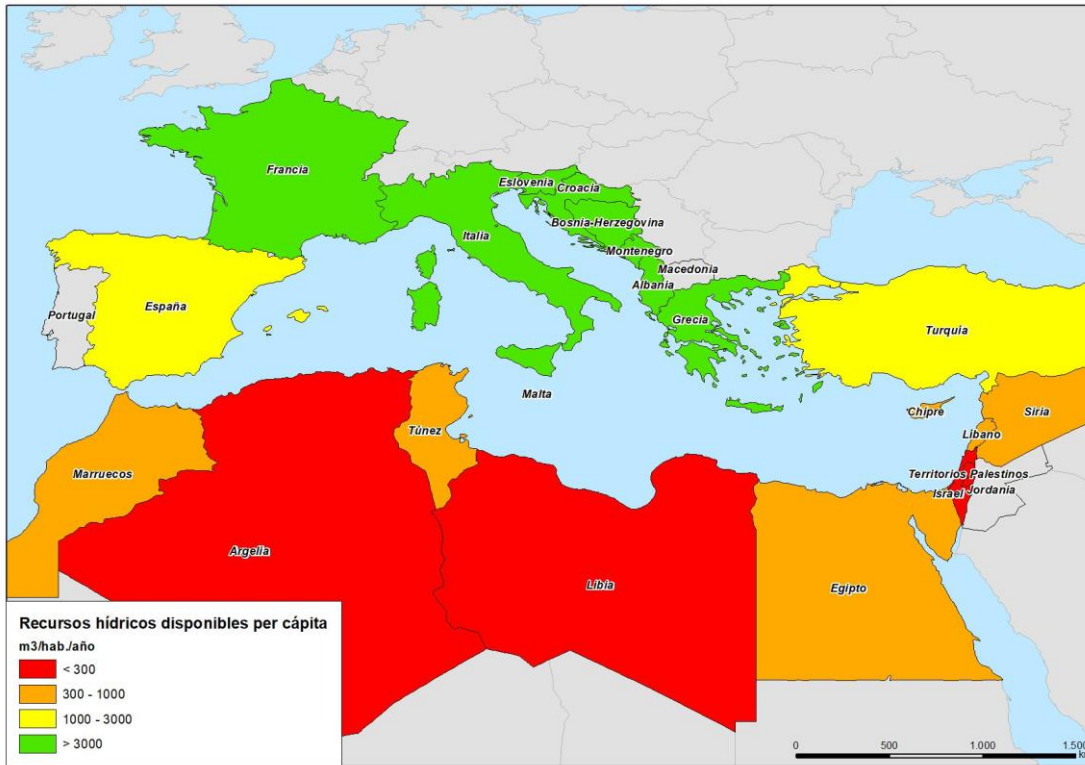

Water Strategy in the Western Mediterranean (5+5) as a cooperation tool in the region

Teodoro Estrela Monreal
Júcar River Basin Authority, Spain
Permanent Technical Secretary of MENBO

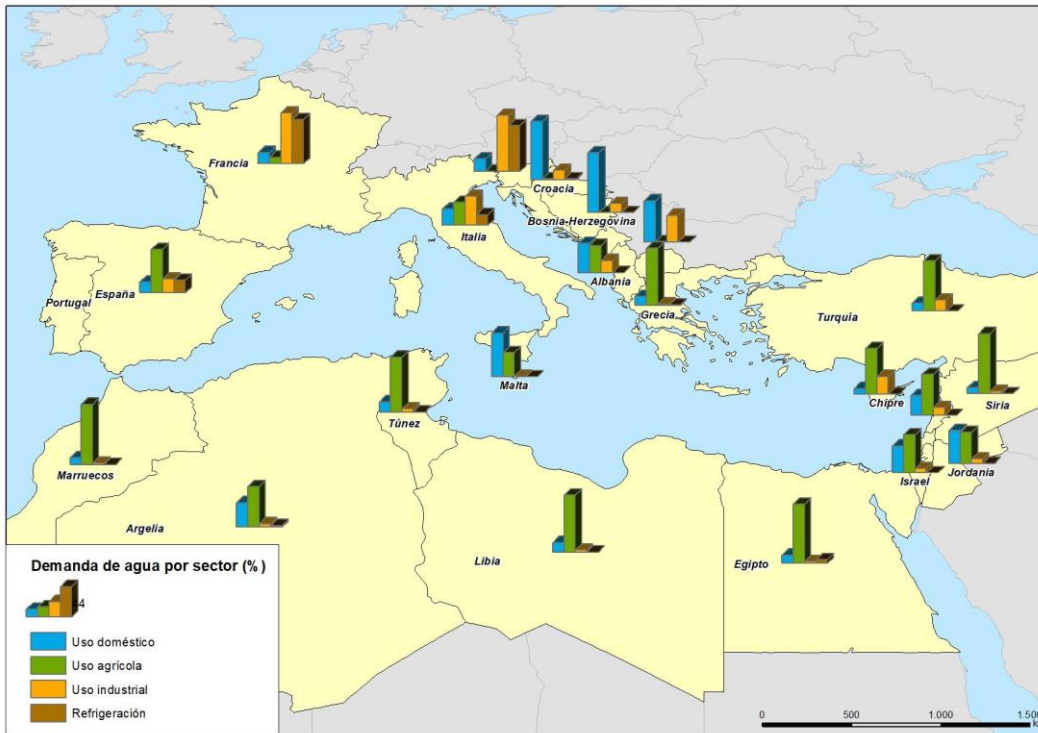
Water in the Mediterranean



- The difference on water resources per capita presents a huge contrast between northern and southern areas.
- Differences are more relevant between countries. The extremes are 25.000 m³/year in Croatia and Montenegro, and 110 m³/year per capita in Lybia.

Water resources per capita in the Mediterranean region

Water in the Mediterranean

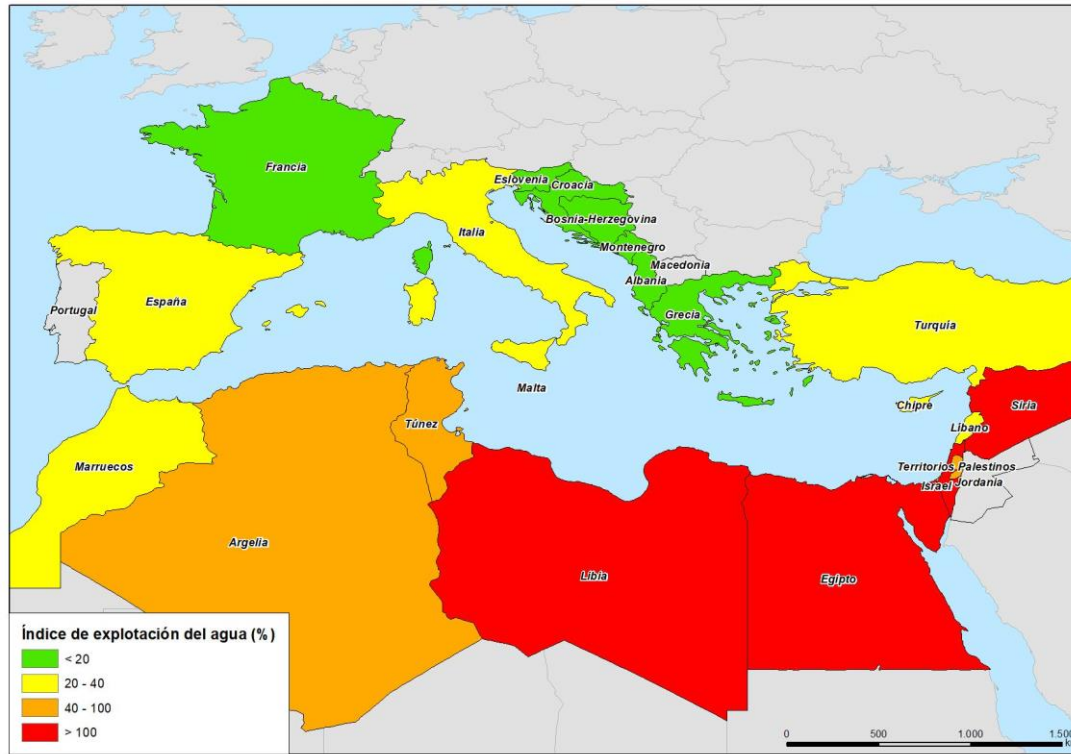


Mediterranean climate exacerbates water needs for:

- Irrigation crops (65% of demand in Med countries, 84% from the South).
- Coastal and seasonal tourism (the Mediterranean is one of the top tourist destinations).

Water demands in the Mediterranean region

Water in the Mediterranean



Exploitation index in the Mediterranean region

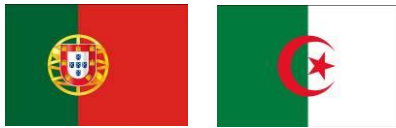
According to the exploitation index (abstractions / available resources), the situation is:

- Average scarcity ($0.2 < I_e < 0.4$): Turkey, Cyprus, Italy, Lebanon, Spain and Morocco
- Severe scarcity ($0.4 < I_e < 1$): Palestinian Territories, Algeria and Tunisia
- Extrema scarcity ($I_e > 1$): Syria, Malta, Israel, Egypt and Libya

Water Strategy Western Mediterranean

When ?, Who ?

- A Spanish-Algerian initiative, **adopted** in Algiers, on 31 March 2015.



- By Ministers of the 5+5 Dialogue: Algeria, France, Italy, Libya, Malta, Mauritania, Morocco, Portugal, Spain, and Tunisia.

- With presence and collaboration:



European Commission



Union of the Arab Maghreb



Union for the Mediterranean



MENBO (Technical Secretariat)

FAO, SEMIDE, IME...

Water Strategy Western Mediterranean

Objectives and structure

- WSWM is a guiding document with orientations and objectives, agreed by Western Mediterranean countries (5+5).
- Objectives: regional sustainable growth, preserve water quality, social prosperity, access to water for all, cooperation, exchange of knowledge,...
- Structure: 13 priorities issues.
- WSWM implementation → Annexed Action Plan, compiling proposals from 5+5 members and partners.

Water Strategy Western Mediterranean

It takes into consideration the different challenges North-South

- European countries: higher availability of water resources, management under common policies EU,...
- Southern countries: greater scarcity, water resource overexploitation,...
- 5+5 dialogue as an example of neighbour collaboration to export to other World Fora.

Water Strategy Western Mediterranean

1. Enhancing Western Mediterranean country policies' convergence towards the general principles of a sustainable water policy	P1: Developing and starting up clearly defined legal frameworks
	P2: Establishing governance adapted to integrated water management
	P3: Implementing cost-recovery
2. Foster cooperation in relation to regional matters	P4: Capacity building
	P5: Innovation development in the water sector
	P6: Water-energy-food nexus
	P7: De-pollution of the Mediterranean
	P8: Mobilising water-related innovative financing solutions for the application of the Strategy
3. Promoting water management improvement	P9: Climate change adaptation
	P10: Increasing and mobilising the available resources
	P11: Water use efficiency improvement
	P12: Flood prevention
	P13: Protection of water quality and biodiversity

Water Strategy Western Mediterranean

So far...

For the
WSWM

Workshop 1: Valencia (Spain), 24-25 February 2014

Workshop 2: Oran (Algeria), 26 June 2014

Workshop 3: Valencia (Spain), 9 September 2014

APPROVAL OF THE WSWM: MINISTERIAL CONFERENCE:
Algiers, 31 March 2015

For the
Action Plan

Workshop 4: Madrid (Spain), 10 September 2015

Workshop 5: Valencia (Spain), 24-25 February 2016

Workshop 6: Marseille (France), 23-24 June 2016

Action Plan was endorsed by Water Ministers during an event in Marrakech (Morocco) in November 2016, on the occasion of the COP 22.

Working Group Meeting 7: March 2017 in Valencia (Spain)

Training Workshop on water resources allocation, Murcia (Spain), 18-19 December 2017.

Action Plan of the Water Strategy Western Mediterranean

Putting the strategy into practice: The action Plan

- Different projects with different **financial needs**;
- Projects with a **regional dimension and national projects that are replicable** at regional level, have been prioritised;
- The projects have been divided into two distinct blocks: on the one hand those related to **training, capacity building and governance** and on the other hand **projects related to infrastructures**;
- To **avoid duplication**: ongoing processes have been analysed with the aim to optimise resources; cooperation with other initiatives and strategies to set up synergies, has been considered.

Action Plan of the Water Strategy Western Mediterranean

Service Actions (training, capacity building and governance)

- Projects with the objective of developing analyses, studies, research, training, knowledge transfer and cooperation.
- A total of 54 projects are included within the 10 actions
- Approximate budget: 144 Million €

Infrastructure Actions

- Projects on construction, viability analyses, etc.
- A total of 6 projects are included within the 4 actions
- Approximate budget: 279 Million €

An example: Project 12 - Mediterranean Water Knowledge Platform

- Promoted by the International Office for Water (OIEau) and Mediterranean Water Institute (IME).
- Objective: to provide a common basis for developing National Water Information Systems (NWIS) to improve water governance in the Mediterranean region.
- Budget: 16 M€ in two phases (10M€ + 6M€, 50% framed within 5+5).
- Ongoing: some actions have already been implemented.

Thank you for your
attention!!