

# Sharing Water Knowledge & Information: Italy for WASAG

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# WASAG

- **Global Framework for Action to Cope with Water Scarcity in Agriculture in the Context of Climate Change** in April 2017 (almost 100 partners and stakeholders)
- **Rome Statement on Water Scarcity in Agriculture**

## VISION

A world whose food systems are secure and resilient to increasing water scarcity in a changing climate

# Mission

To support measurable, significant and sustainable progress on improving and adapting agricultural systems in conditions of increasing water scarcity and a changing climate, using the combined expertise and resources of the Partners

# Objectives

- Advocating for political prioritization
- Cooperating on work programmes
- Sharing and disseminating knowledge and experience
- Developing new or improved solutions
- Promoting sustainable and integrated water resources management

## INTERIM STEERING COMMITTEE

# The Steering Committee

- Supports the implementation of the work programme of the Global Framework agreed upon by the Partners, and is accountable to the Partners
- It is normally composed of 14 Members, representing Partners from all types of Partner organizations
- The FAO is a permanent Member of the Steering Committee, while the other 13 Members and the additional Members are nominated for two-year terms and may not serve on the Steering Committee for more than two consecutive terms.

# Terms of Reference (TORs)

## Nature of the Global Framework

The Global Framework is not an autonomous legal entity but, rather, a flexible, light and consensual coordination mechanism, supported by the FAO

## Partners

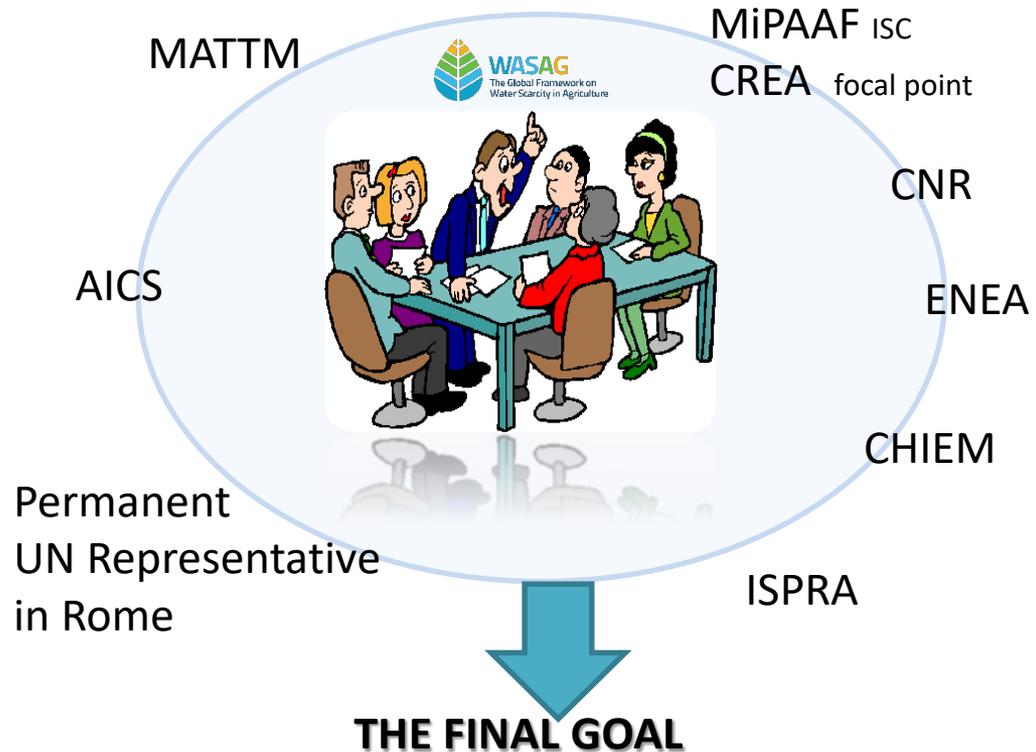
The Global Framework is open to a broad range of entities, such as States, international organizations, civil society organizations, academia, private sector entities and trade associations

Other Stakeholders are entities which are not Partners, but who express an interest in the work of the Global Framework and wish to contribute to its success

# Italian Coordination Group

## Decree of 20/02/2018

- study and development of technologies, for the sustainable use of water in agricultural sectors, using context-specific approaches and processes;
- the implementation of policies, programs and priority actions for the adaptation of agriculture to climate change;
- international cooperation initiatives;
- maintain and strengthen Italy's diplomatic relations



Supporting WASAG for development and definition of a program aimed at identifying priority actions for the adaptation of agriculture to climate change and to increase the effective responses to threats to agricultural production posed by increased water scarcity

# The commitment of Italy towards WASAG



## Italian Coordination Group



Water & Migration      Financial Mechanisms

## WASAG working group

Sustainable  
Agriculture  
Water Use

Drought Preparedness

Water & Nutrition

- to involve the largest number of actors
- to share ideas, good practices and experiences
- to create synergies and cooperation



for conscious and rational water  
utilization, through active and highly  
reactive participation in WASAG

## COORDINATION

➤ MiPAAF



➤ CREA



➤ RAPPRESENTANZA  
PERMANENTE UN



➤ MATTM



## WORKING GROUPS

1. WATER AND MIGRATION, AICS



2. DROUGHT PREPARENESS, CNR



3. FINANCIAL MECHANISMS, ISPRA



4. WATER AND NUTRITION, ENEA



5. SUSTAINABLE AGRICULTURE  
WATER USE, CIHEAM IAM



# CRITERIA AND MODALITIES OF MONITORING (DATA ACQUISITION AND TRANSMISSION) SIGRIAN

## Legislative actions: MiPAAF Guidelines

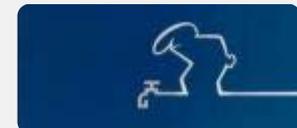
EU principles provides that Member States adopt water pricing policies for enhancing the sustainability of water resources and improve water use efficiency.



- *Cost recovery through water pricing*  
*Ministry of the Environment guidelines - Decree February 24, 2015*  
*n. 39*



- *Irrigation volumes quantification and monitoring for water pricing*  
*Ministry of Agriculture guidelines - Decree July 31, 2015*





# MiPAAF Guidelines & SIGRIAN

## Quantification and Monitoring of Water Volumes for Irrigation

### *Quantification of water volumes for irrigation by SIGRIAN*



#### *Obligation to transmit irrigated volumes to the SIGRIAN*

*(collective and autonomous)*

(measured or estimated)

- Volumes collected for irrigation purposes and/or to plural use
- Volumes used for irrigation
- Volumes returned to the hydrographic network

#### *Obligation to transmit to the SIGRIAN*

*infrastructural data*

for all newly constructed irrigation infrastructure projects financed by public funds

(NIP, RDP, NRDP, DCF)

# SIGRIAN

## National Information System for Water Management in Agriculture

- Introduction of an incentive water pricing policy, where possible, as required by the ex ante conditionalities for water resources.
  
- Support to the activities planned by the Permanent Observatories on the uses of water activated in the 7 Hydrographic Districts:
  - ✓ geolocation of irrigation areas and sources for irrigation
  - ✓ extent of derivation concessions
  - ✓ estimate of irrigation needs for the agricultural sector
  - ✓ estimate of the possible damage connected to the reduction of the levies, in case of drought or water scarcity events.
  
- Support for environmental monitoring of river basin management plans
  
- Support for the evaluation of the irrigation efficiency of collective distribution networks

# SIGRIAN

## National Information System for Water Management in Agriculture

- ❑ Support to the implementation of the NRDP
  - ✓ pre-evaluation of projects submitted for funding (support applications) for localization, functional link, complementarity with other interventions, etc.
  - ✓ ex post verification of eligibility conditions (water saving)
  - ✓ environmental monitoring of the NRDP and of the river basin plans
  
- ❑ Support to the implementation of the Guidelines MATTM and the “Operational and methodological manual for the implementation of economic analysis” which provides for the methods of internalising the environmental cost and the resource
  - ✓ identification of the sources for irrigation use and of the physical and financial entities of the derivation concessions
  - ✓ identification of ecosystem services and environmental benefits
  - ✓ identification and quantification of the superficial and underground



**THANK YOU FOR YOUR ATTENTION**

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