



### Objectives of the meeting

1. Start the structuring of a south-east Asian network
2. Understand what stakeholders are currently doing on irrigation in Cambodia
3. Identify the main issues at stake in the sector
4. Identify what activities the COSTEA could put in place to address (some of) those issues

This is part of a series of national meeting to identify issues of regional relevance and how they unfold in each country (Cambodia, Vietnam, Laos, Myanmar)

## Multi-Stakeholder Consultation on Irrigation in Cambodia

Thursday April 6, 2017

Phnom Penh

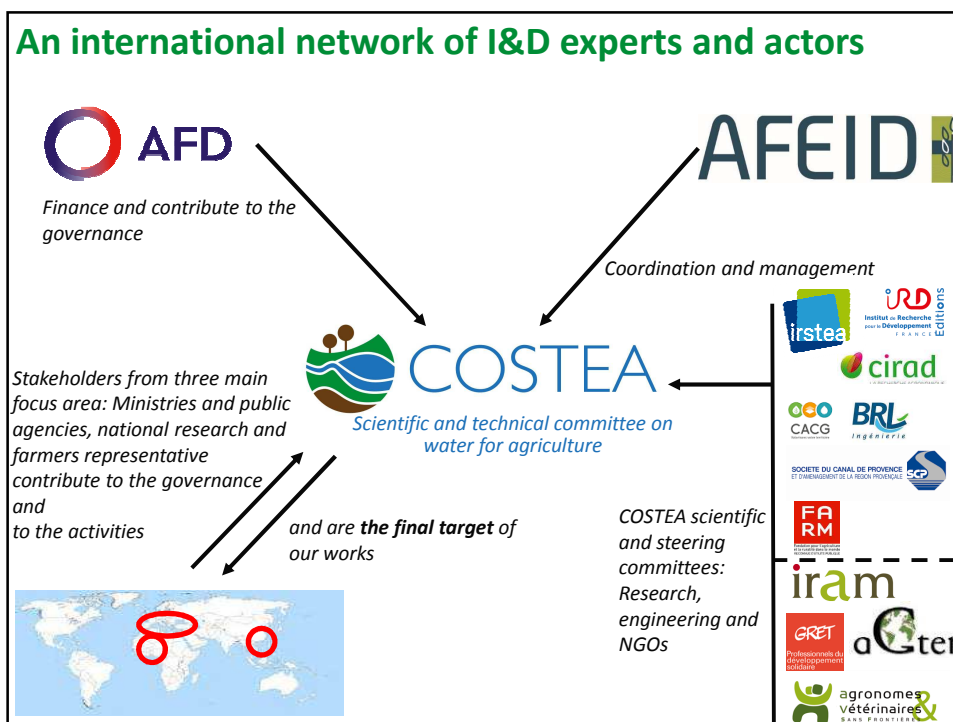
by the  
Scientific and technical committee on water for agriculture



### The COSTEA Initiative in a few words

The Scientific and technical committee on water for agriculture is:

- A network (or think tank) composed by French and international Irrigation and Drainage experts and stakeholders (research, engineering, NGOs, administrations, farmer's representatives,...)
- Creating conditions for
  - 1/ producing and disseminating knowledge
  - 2/ Capitalizing and sharing experience
  - 3/ Communicating its results
- The main purpose of COSTEA is to contribute to the elaboration of new and sustainable irrigation policies in a rapidly changing environment



### A wide scope of interests

#### 1/ All types of irrigation and drainage systems

- Partial or total water control
- Public, community, or private Investments
- Individual or collective water management
- From (very) small to (very) large systems
- All kinds of crops: rice, other cereals, vegetables, fodder, etc.

#### 2/ Three main geographical focus areas

- West Africa
- North and Middle East Africa
- South East Asia

#### 3/ Limited and prospective actions in other countries, with a growing interest for South America and other countries where AFD is starting or renewing partnerships

## A diversity of actions, adapted to the objectives

### 1/ Producing and disseminating knowledge

Actions decided by members and national stakeholders  
 Support of on-going programs  
 Expertise and supervising master students or PhD

### 2/ Capitalization and Sharing of experiences

Meetings and working groups with national and regional stakeholders  
 Organization of Workshops  
 Contribution to international conferences  
 Publication of notes, reports or scientific papers

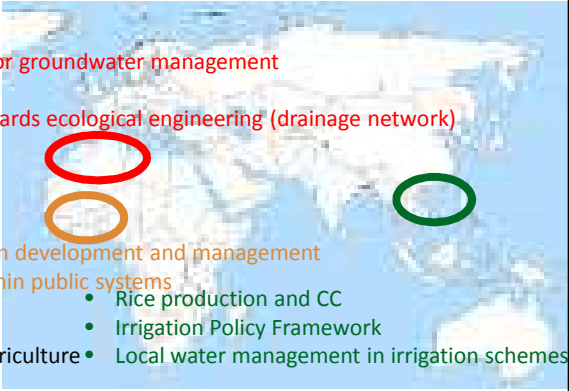
### 3/ Internal and External Communication

COSTEA Website: [www.comite-costea.fr](http://www.comite-costea.fr) (in French)  
 Internal bulletin

## COSTEA first stage (2013-2017): Organization and main projects

### 4 main themes

Governance (coordination IRD)  
 Land tenure (coordination aGter)  
 Economics issues (coordination SCP)  
 Technical and environmental performances (coord. IRSTEA)

- Conversion to drip irrigation
  - Land tenure and arrangements
  - Contractualisation between users for groundwater management
  - Training for farmers
  - Transforming irrigation scheme towards ecological engineering (drainage network)
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- Roles of public agencies for irrigation development and management
  - Land tenure and land allocation within public systems
    - Rice production and CC
    - Irrigation Policy Framework
  - PPP
  - Economical evaluation of irrigated agriculture
  - Local water management in irrigation schemes
  - Waste water reuse

## **COSTEA first stage (2013-2017): focus on projects lead in SE Asia**

### **3 main activities in Cambodia/SEA**

- Assessment of the impact of rice cultivation on climate change (methane emissions vs. water management)
- Study of the Cambodian Irrigation Policy Framework
- Local water management in irrigation schemes

## **A Second Phase (2017-2021): new perspectives**

- 1. A larger budget for more policy impact:** 5 Million € for the next 4 years and three focus-regions
- 2. A higher implication of national stakeholders**
  - Co-definition of relevant issues, programming of activities and publications of COSTEA
  - A regional coordinator will help the dialogue in each of the three main focus region
- 3. A wider scope:** sustainability of irrigated agriculture facing global change
- 4. More transversal approaches**
  - Combination of current socio-economic performances of irrigation and long-term sustainability issues
  - A Strategic Framework (under development) to guide future activities
- 5. A call for project will be prepared to launch activities**
  - Large, regional (international) and multi-year initiatives
  - Smaller scale issue based actions