

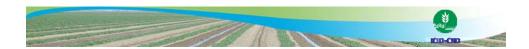




- 1. Target I Increase rain
- 2. Target II Increase wat
- 3. Target III Increase sus water managemer

**Talnged evattea**t

**APSAPSBO—EVEDI**Pf5**D** 





Theme of World Water Day: 'Water and Food Security'
Objective: to raise awareness on the relationship between water
and food production and promote more sustainable food
production and consumption patterns.



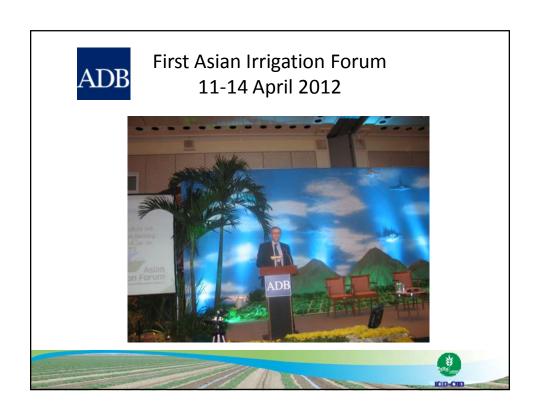
# FAO Workshop on REVITALIZING IRRIGATION AND AGRICULTURAL WATER GOVERNANCE IN ASIA

FAO Regional Office for Asia and the Pacific

4-5 April 2012











## Dialogue on Sustainable Development Water

Selected key measures to solve water problem

- 1. Secure water by promoting biodiversity, ecosystem and water resources
- 2. Implement right to water
- 3. Assert the importance of integrated water, energy and land-use planning and management at all scales



### **Dialogues on Water**

Question 1: Brazil Minister of Agriculture: Can we reduce the water used by agriculture from 70 % to 60%?

Answer 1: yes , we have innovation and technology to produce more crop per drop

Answer 2: in Europe agriculture is not the largest water user, the largest water user is industry sector

Question 2: Can technology salve water problems?

Answer: Yes, but we need funds to adopt technology, and have incentives for application of technology, government should provide financial and service supports to farmers, especially smallholder farmers



#### Question 3: Can we produce enough food?

Yes, we need to encourage smallholders farmers from self sufficient cereal production to commercial production. In order to achieve this it is important to provide support to the smallholder farmers, and let them get reasonable revenue. We need to provide leadership, investment, water supply and other services to farmers. IFAD

- Technology and innovation
- Technology transfer
- Investment mechanism
- Ownership and management mechanism



#### **Expectation**

- An increase in cereal production of 70 100% in the next
   25 30 years will be required.
- 80 90% from existing cultivated area
  - higher yield per ha, double or triple cropping
  - installation of irrigation and/or drainage systems in areas without a system
  - modernization of existing irrigation and drainage systems
  - installation of drainage in irrigated areas
  - installation of irrigation in rainfed areas with drainage
- 10 20% from land reclamation



