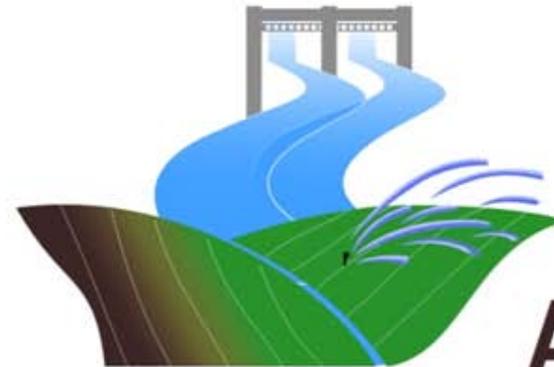


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# Performance of Irrigation Investments

Ian W Makin

Principal Water Resources Specialist,  
ADB



**Asian  
Irrigation Forum**

11-12 April 2012 • Asian Development Bank, Manila, Philippines

**ADB**

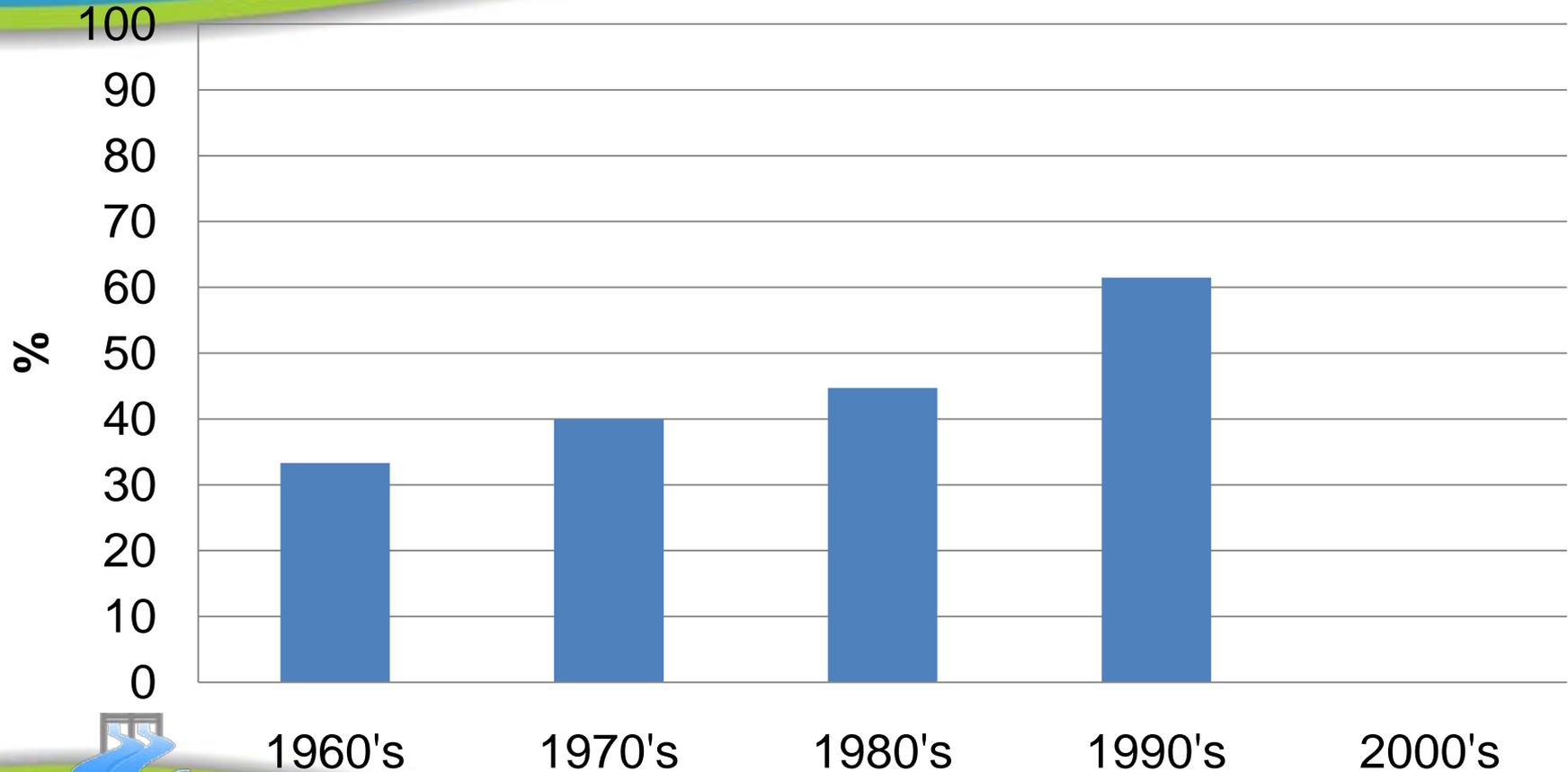
# ADB Operations in Water and Food 1969-2011

- Agricultural Production and Market = \$5.28 b
- Agriculture and Rural Sector Development = \$2.44 b
- Forestry, Fisheries and livestock = \$2.67 b
- Irrigation, Drainage, and Flood Protection = \$6.39 b
- Natural Resources (Land and water) = \$3.68 b
- **TOTAL ANR = \$20.47 b**
- **(About 12% of total ADB investments)**



# Assessment of I&D investments – 1960-2000

## Successful Projects



# Issues of concern – project design

- Investment design – frequent need to reformulate scope of work during implementation
- Costs –
- Project Implementation – none finish as planned
- M&E – few able to show before and after facts

# Issues of concern – outcomes

- Inadequate involvement of users
- Economic benefits – generally lower than assumed at approval
- Sustainability – “build-neglect-rebuild”
- M&E – few able to show before and after facts, leading to questions about benefits



# Threats and Opportunities

- Threats –
  - competition for water, climate change, rural to urban migration, lack of interest in agriculture, low returns, increased competition for finance
- Opportunities –
  - increased food prices, changing rural economy and farming systems, new technologies, new markets, engagement in rural development

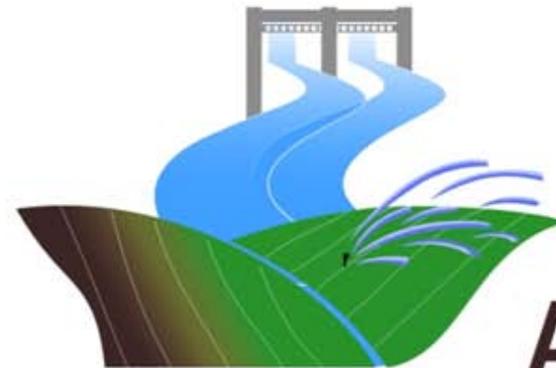
# Challenges

- Making investment projects in I&D perform effectively
- Strengthening the roles and responsibilities of water users in partnership with operators
- Ensuring timely availability of tools, techniques, knowledge and inputs for farm systems



# Thank you

[imakin@adb.org](mailto:imakin@adb.org)



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