

# Water Stewardship – Indian Perspective

## 4Ps: Breaking Silos and Empowering Local Initiative



OECD-FICCI-ADB-2030 WRG

Joint Seminar on Water Risks and Water Stewardship in India  
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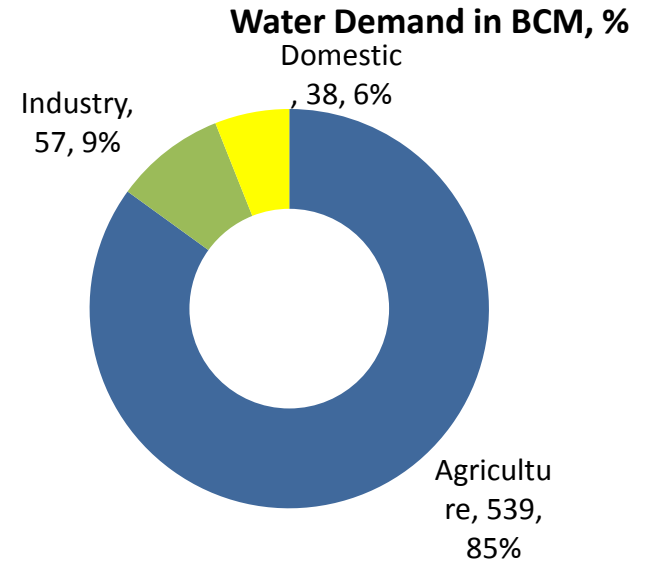
### Session 5: Policy framework and incentives for improved water stewardship

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## Stewardship – For All Stakeholders



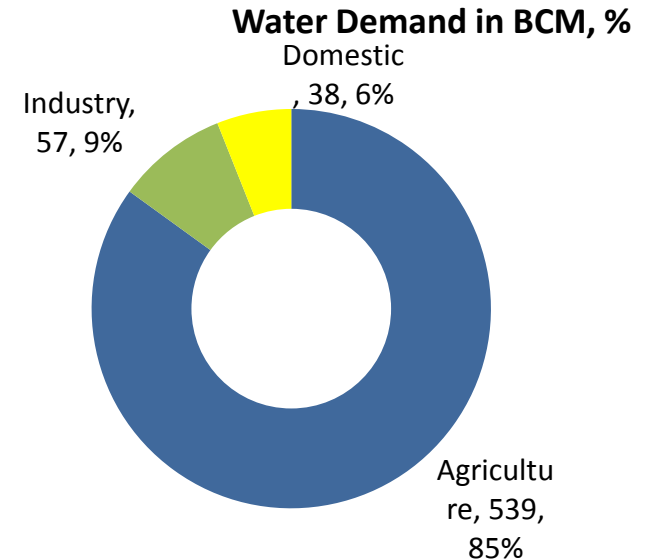
- Do you think common man – “*aam adami*” - consumer of Water is aware of the Water Stewardship ?



## Stewardship - Need for Integrated Approach



- Water is governed in a fragmented manner
  - Water Bodies – Central Government
  - Agriculture water– State irrigation department
  - Industries – State industry department
  - Domestic – By ULBs
- Scope of efficiency improvement in each user group
- Need for creating value chains across the user groups
  - Practically implementable, financially viable solutions for Indian ground realities
  - 4P Structures – Public funds, Private efficiency and **People participation**



## Integrating Domestic and Industrial Use

- **Compulsory use of treated water within 50 Kms of towns by industry and commerce**
- Near 100% investment from private sector for building up sewage treatment capacity
  - Govt. to provide support for sewage network within towns
  - Tax benefits - Fresh water to be priced higher than treated water
- This will reduce demand for fresh water
  - Reduced need to construct new dams, displacement, rehabilitation environmental damage, investments
  - Potential for creating 20,000 MLD (at 60% of total untreated sewage ) of water is a large water source for the nation – Neu-water
- This being Industry driven consumption – relatively easy to implement



# Urban Water Stewardship

Although urban demand is least in quantity

- It is for human beings
- Delivering Quality and Quantity is a challenge
- Rapid unplanned urban growth
- Involvement & awareness of people a must



# Urban Water Stewardship



## Urban Water Infrastructure

- Water deficit of nearly 25% of demand by 2050
- Average NRW estimated at 50-55%
- Un equitable supply

## 24x7 Water Supply Systems

- Reducing losses by replacement/rehabilitation of old assets
- Metering
- Equitable water supply leading to 24x7

## Policy Interventions

- 4P structure
- Government grants for capex - Target NRW reduction to 25% by 2020
- Inclusive model – Continuous piped water supply to all - with focus on underprivileged people

# Stewardship Inclusive Process - PPP to 4P Model



- Long term water PPP Projects to succeed, PPP needs a more humane face, more sensitivity and involvement of its largest Stake holder – People – The fourth P towards stewardship

- The Roles

- P – Public – Policy Maker and Capex Support
- P – Private – Investment & Service level commitments
- P – People – Communication & Monitoring

- ***Stewardship practice by all the stake holders particularly People at large will lead to real success***



# Looking Ahead



Thank You