WATER REGULATION +

By
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Need to Transition Towards Alternate Approaches to Regulation

Hybrid Approaches to Regulation

Pure Rules Based Regulation
Mandating use of ISI certified drips for irrigating water intensive crops.

RBR, which allows for qualifications/exceptions
Drips can be non-ISI if it meets certain minimum standards set by the regulator.

Goals Based Regulation, applied with safe harbors/guidelines
Use of micro-irrigation and other innovative methods to improve yield per drop of water.

Pure GBR
Farmers to achieve optimum Irrigation water use efficiency using innovative solutions.
Additional Initiatives by MWRRA

1. Setting up a Center of Excellence – Maharashatra Centre for Progressive Regulation, Innovation & Awareness with support from empanelled consultants KPMG.

2. Chairing Wastewater Reuse and Management Workstream with 2030WRG Group.

3. Developing a State Data Bank for MWRRA to monitor compliance in the water sector with support from Maharashtra Remote Application Centre, Directorate of Economics & Statistics & KPMG.

4. Consultancy services by MWRRA through the empanelment approach
Maharashtra Centre for Progressive Regulation, Innovation & Awareness

**Vision**
To act as a catalyst in transforming the water management and governance landscape in the country

**Goals**
- Develop Maharashtra as Water Sector leader in innovation and Practice;
- Establish an In-house policy research support wing;
- Bridge the Gap between Industry, State Policy and Community;

**Expertise**

**Objective**
To drive innovation in the sector, address policy gaps, deliver outcome based policy instrument and assist government and partner agencies towards strategic solutions;

**Focus areas**
- Innovation, Solution and Practice: Water Use Efficiency, Limiting Deterioration of Water Quality & Quantity, Sanitation, Effective Regulation, Improved Monitoring, Better Governance, Water Budgeting with climate resilience, Effective project implementation, Drought mitigation

**Partnership**
- Industry, Academia, Government, CSO, Media, Corporate houses & Other stakeholders

**Key stakeholders & MoUs** –
1. IIT Bombay
2. Science and Technology Park, Pune
3. Namami Gange
4. ICEWARM, South Australia
5. Others…..

- MWRRA’s **Center of Excellence in Water**
- **Location** – Mumbai, Maharashtra
Government of Maharashtra (GoM) issued a Government Order on 18 May, 2017 constituting the Steering Board of the Maharashtra Water Multi Stakeholder Platform (MSP- Water) to facilitate optimal, sustainable and efficient approaches and solutions in water management in the State of Maharashtra.

The MSP brings together key public, private, and civil society stakeholders to assess priorities and develop concrete proposals that can help improve the management of water resources in the State.

At the 3rd Steering Board meeting chaired by the Chief Secretary, GoM on 8 October 2018, the Chief Secretary invited Chairman, Maharashtra Water Resources Regulatory Authority (MWRRA), to lead the Wastewater Reuse and Management workstream, and confirmed the following taskforces:

1. Innovations in Wastewater Reuse Policy and Tariffs.
2. Wastewater Reuse in Agriculture
3. Wastewater Reuse Certificates (WRCs)
Digital Compliance Dashboard and Analytics for Water- State Data Bank

Seeking Data is a Click Away

MWRRA’s digital dashboard and analytics tool – an integrated database for Maharashtra water sector to support in regulatory decision making and compliance check

Data collection by Department of Economics and Statistics

Key outcomes—
1. Availability and accessibility of accurate, consistent and timely data
2. Real-time data metric dashboards
3. Share live reports and status
4. Support in passing regulatory orders
5. Policy & Governance Support
6. Monitoring and reporting

Water Resources Department
Water Conservation Department
Department of Agriculture
Water Supply and Sanitation Department
Urban Development Department
Rural Development Department
Industries, Energy and Labour Department
Maharashtra Pollution Control Board
Revenue and Forest Department
Environment Department
Other related agencies

DES
Business Intelligence/Analytics

NGOs
MRSAC
Independent Data Sources (Proposed)
Chief Minister Dashboard
Touch based LED display
MWRRA’s consultancy services

- Provision for extension of Consultancy services of the empaneled consultant appointed by MWRRA to any of the Government Undertakings, Agencies, Departments

- The service is available to Organizations of Government of Maharashtra, and of other states as well as to Government of India

- The intent behind the empanelment approach is to bring-
  - *Uniformity in approach and thinking in the water sector undertaken across states and country*
  - *Support in the form of additional manpower readily available at the authorities disposal to carry out technical activities and reduce the efforts and time spent in procurement.*
Thankyou!