

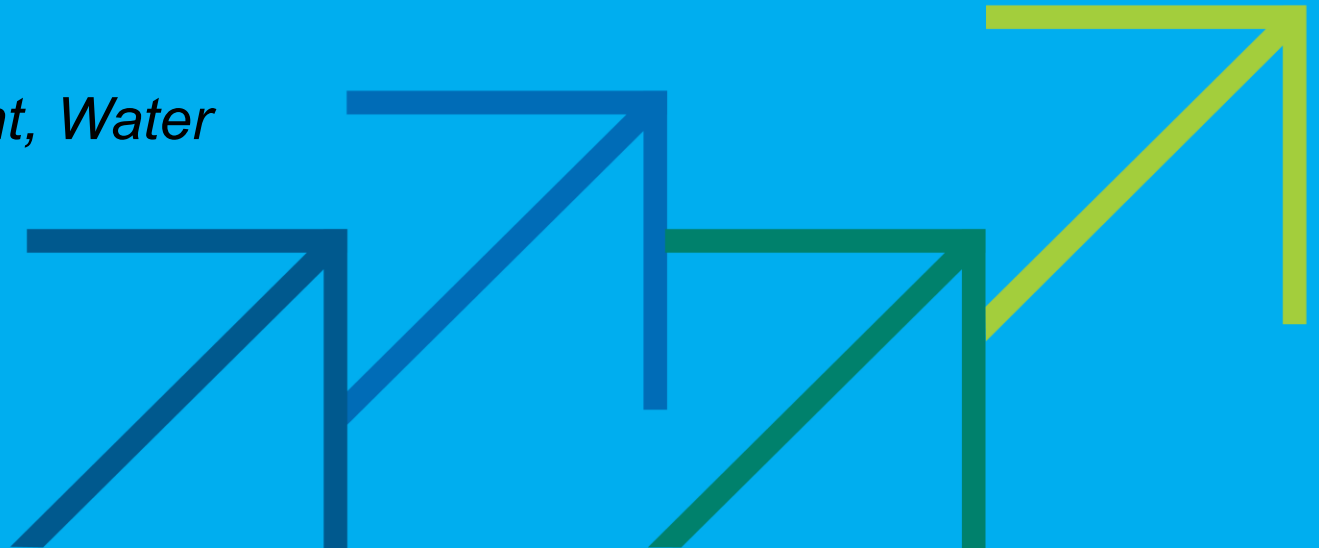

**KGID
2025****Green Growth:
The Path to
Sustainable Jobs**

Smart Water, Green Futures: Tech-Driven Transformation

Michael Webster

Program Manager, 2030 Water Resources Group
World Bank Group

*(presented by Iftikhar Mostafa, Consultant, Water
Resources Group, World Bank Group)*



Smart Tech, Smarter Water



**New
Frontier**

**Leapfrog
Legacy Systems**



From Pipes to Platforms - Smart Water Utilities



❖ Transformative Value:

- Leak detection
- Predictive maintenance
- Smart metering
- Real-time water quality monitoring

❖ Green Jobs Unlocked:

- Data engineers
- Automation technicians
- AI-literacy trainers

UP PRAGATI Accelerator – Inclusive Innovation



- Climate-smart agriculture
- 20,000 acres under scalable green growth
- Reduced water and carbon footprints

Maharashtra: A Blueprint for Smart Water Governance



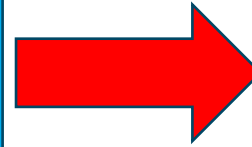
WORLD BANK GROUP



- Precision irrigation
- Real-time monitoring
- Circular economy
- Policy reform

Systemic Transformation

- Purpose
- Partnership
- People



**Green
Growth
&
Jobs**

AI & Tech: Water from Crisis to Catalyst