



**KGID  
2025**

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

# Smart Water, Green Futures: Tech-Driven Transformation

**Iftikhar Mostafa**

2030 Water Resources Group

World Bank Group



# Smart Tech, Smarter Water



**New  
Frontier**

**Leapfrog  
Legacy Systems**



# From Pipes to Platforms - Smart Water Utilities



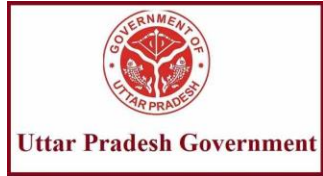
## ❖ Transformative Value:

- 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



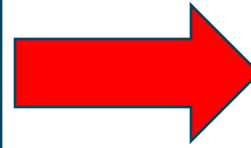
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- Precision irrigation
- Real-time monitoring
- Circular economy
- Policy reform

# Systemic Transformation

- Purpose
- Partnership
- People



**Green  
Growth  
&  
Jobs**

*AI & Tech: Water from Crisis to Catalyst*

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Thank you

