





...I declare from the Red Fort today that in the days to come, we will take forward the Jal Jeevan Mission. The central and the state governments will jointly work on this Jal Jeevan Mission. We have promised to spend more than Rs. 3,500 Billion on this mission in the coming years...

(Prime Minister's address on 73<sup>rd</sup> Independence Day, i.e. 15<sup>th</sup> August, 2019 from the ramparts of Red Fort, New Delhi)





# The reason for the success of Jal Jeevan Mission is its four strong pillars



Political Will



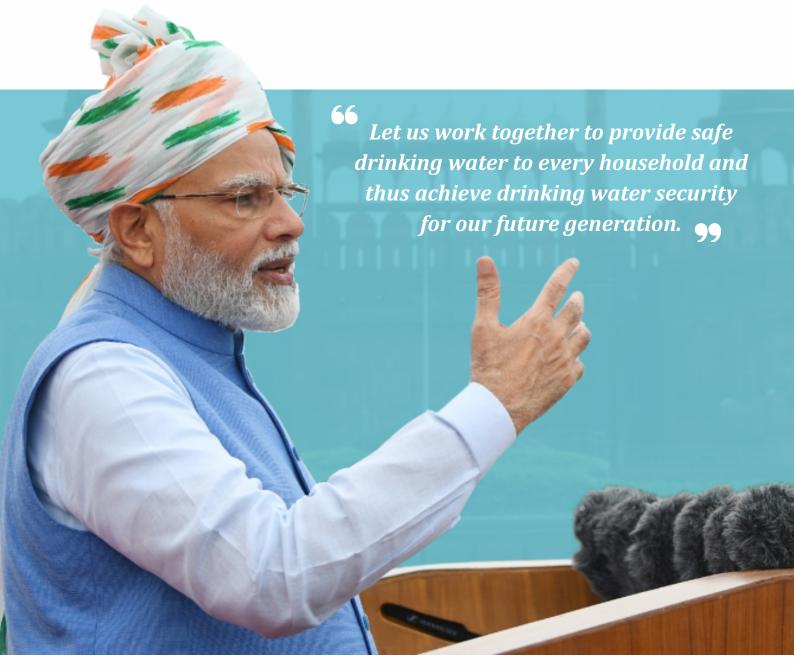
Public Finance



People's Participation



Partnership



# Universalization of Water and Sanitation Services

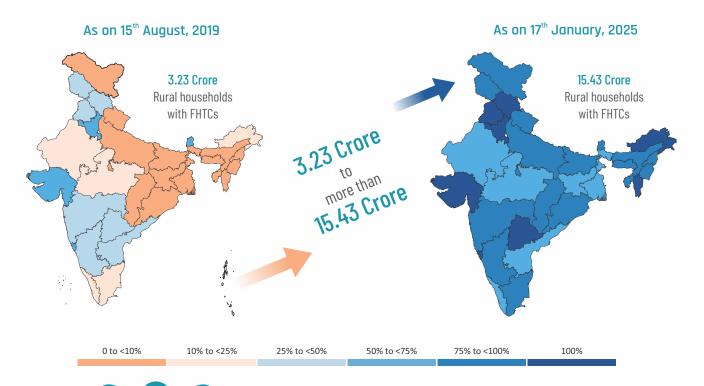


Every rural household has drinking water supply in adequate quantity of prescribed quality on regular and long-term basis at affordable service delivery charges leading to improvement in living standards of rural communities.



# Achievements under JJM

## With speed & scale



New functional household tap connections given to more than 12.19 Crore rural households

Over 15.43 (79.66%) Million rural households covered with tap water connection







**100% coverage in 8 States** - Arunachal Pradesh, Gujarat, Telangana, Goa, Haryana, Mizoram, Himachal Pradesh and Punjab



**100% coverage in 3 Union Territories** - Andaman & Nicobar Islands, Daman Diu & Dadra Nagar Haveli and Puducherry





100% coverage in **189 districts, 1,862 blocks,** and over **2.52 lakh villages** 



78.30% coverage in **112 aspirational districts** and **15 aspirational districts** reported Har Ghar Jal



**80% to < 100% coverage in 15 States/ UTs** - Tamil Nadu, Maharashtra, Nagaland, Sikkim, Uttarakhand, Ladakh, Bihar Lakshadweep, Uttar Pradesh, Tripura, Meghalaya, Assam, Karnataka, Jammu & Kashmir and Chhattisgarh



**75% to <80% coverage in 2 States/ UTs** - Odisha, and Manipur



**50% to <75% coverage in 6 States** - Jharkhand, Kerala, Madhya Pradesh, Andhra Pradesh, West Bengal and Rajasthan

# Components of Jal Jeevan Mission

## **Bottom-up planning**

Community engagement in planning, implementation and Operation & Maintenance (O&M)

#### Focus on future generation

Provision of tap water supply to schools, tribal hostels and anganwadi (day-care) centers

### **Greywater management**

Reuse and recycle waste water for source sustenance

#### **Water Quality**

Ensure safe drinking water to reduce water-borne ailments



#### **Tap water supply**

Tap water connection to all 19.37 Crore rural households of the country

#### Women empowerment

Involvement of women in planning, decision-making, implementation, monitoring and O&M

### Skill development

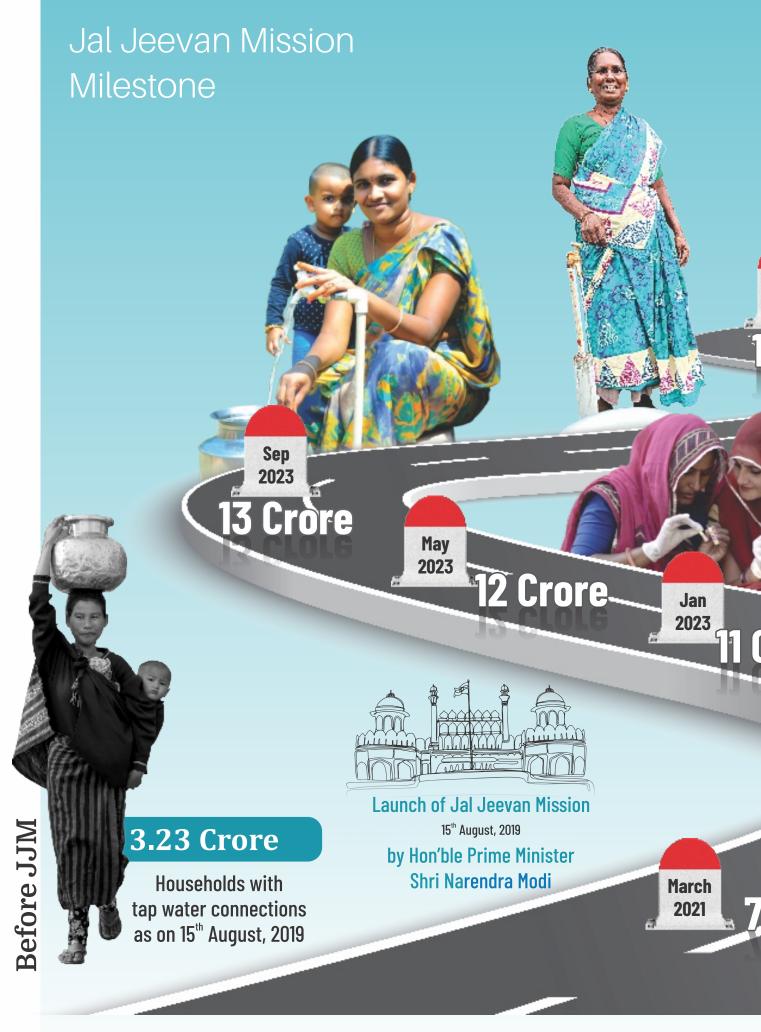
Skilling of local people for building and maintaining water supply structures

#### Source sustainability

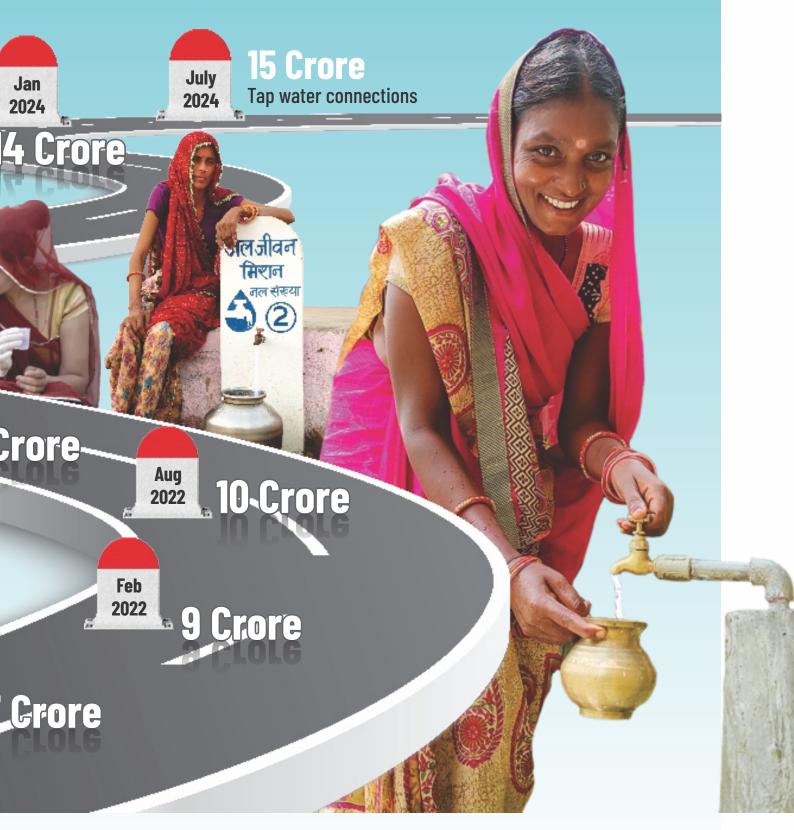
Promote groundwater recharge & water conservation



# Paradigm Shift **Reform in Drinking Water** Then Now Pre 2019 Post 2019 **Availability Habitation Level: Household Level:** provision of tap water is being made till household level in adequate quantity of people to get potable prescribed quality on regular and long-term basis. Quantity Variable 40-55 LPCD Minimum 55 LPCD **Quality infra** Very less no. of WQ labs Network of 2,162 water quality labs established Women >50% women led Pani Samitis/ No mandatory participa-**Participation** VWSCs at community level for better Limited focus Source Focus from planning stage with **Sustainability** specific emphasis on recharge of Ground Water for PWS sources **Skilling for O&M** Policy decision for skilled manpower Entrusted with Panchayat under Nal Jal Mitra Programme (NJMP) **User Charges** Accounting



World's largest programme for providing potable drinking water to every rural household of the country





## **Equity and Inclusiveness**



Inclusiveness: The mission recognizes the need for a targeted approach to address the needs of vulnerable groups like Scheduled Tribes, Scheduled Castes, and geographically disadvantaged areas



Gender Equality: Focus on Women's Leadership-Jal Jeevan Mission recognizes the crucial role women play in managing water resources at the household level

## **Freedom from Drudgery**



5.5 Crore hours saved daily from fetching water (75% women)

## **Contributing in Well-being**



As per Study by Development Innovation Lab of Chicago University, nearly 30% infant deaths can be reduced if safe water is made available to families for drinking



1.36 lakh deaths per annum pertaining to children below 5 years can be prevented in India with provision of safe water



JJM may prevent 4 lakh diarrheal deaths - As per WHO report

## **Generating Employment Oppourtunities**



As per study conducted by IIM Bangalore and ILO on 'Assessment of Employment Potential of Jal Jeevan Mission'



JJM has potential to generate 59.9 lakh person-years of direct and 2.22 Crore person- years of indirect employment



13.3 lakh additional direct employment annually during O&M Stage



SBI Research: 8.3% point decline in percentage of household fetching water from outside



7.4% point increase in women's participation in agriculture & allied activities



# Water Quality Interventions

## **Network of Water Quality Labs**

State Laboratories

40

**District Laboratories** 

**Block Laboratories** 

678

206

6

1,146

69

9 Mobile Laboratories

2,162

**Total Laboratories** 

Sub Division Laboratories



Safe drinking water provided to all 14,020 arsenic and 7,996 fluoride affected habitations (100%) in the country



Online portal on Water Quality Management Information System (WQMIS) developed for monitoring of water quality



More than 2,162 laboratories include 1,573 National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited labs at various levels established in States/ UTs

#### Field Test Kit: Women in Lead role





Benefitting entire rural population, especially vulnerable groups like women and children





In every village, at least five women are being trained on various aspects of potable water and use of Field Test Kits (FTKs) to test quality of water supplied, conduct sanitary surveys, and upload the data on JJM portal.

## More than

# 24.80 lakh

women in over 5070 thousand villages, trained for testing water samples using Field testing kit (FTK)



# Water Quality ManagementInformation System

**JJM-WQMIS** 



# Digital Initiatives Under JJM

## ...through a digital approach

Unique approach combines all these initiatives in the context of implementation of Jal Jeevan Mission.

IoT-sensor based Real-time management measurement & using technology monitoring **Development of** On-the-go solutions for water portable Water quality assessment **Testing device**  JJM Dashboard JJM-IMIS JJM Field User App JJM- WQMIS **JJM Bouquet**  JJM Website JJM- APIs JJM- Training Portal JJM- Citizen Center Upcoming tech initiatives aim **Upcoming initiatives:** for enhanced transparency, Nal Jal Seva WASH stronger community links, and Dashboard Al- Chat bot improved decision-making Enhancing coordination PM-Gati among stakeholders **Shakti Portal SPM-NIWAS** Online learning platform **Digital Academy** focused on WASH













**JJM Website** 



**JJM Documents** 



**JJM Videos** 



JJM Dashboard



**SM Handles** 



IEC Materials



JJM WQMIS



Citizen Corner

# Building Partnership **Changing Lives**

Government of India
Ministry of Jal Shakti
Department of Drinking Water & Sanitation

New Delhi - 110 003 e - mail: njjm-ddws@gov.in



Jal Jeevan Mission, India



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