



नमामि
गंगा



MINISTRY OF FOREIGN AFFAIRS
OF DENMARK

भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय

IIT INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

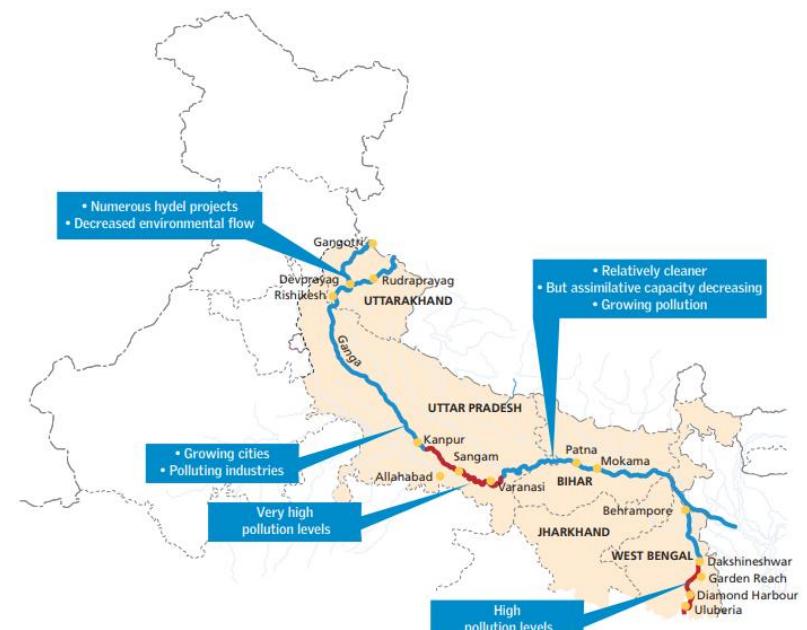
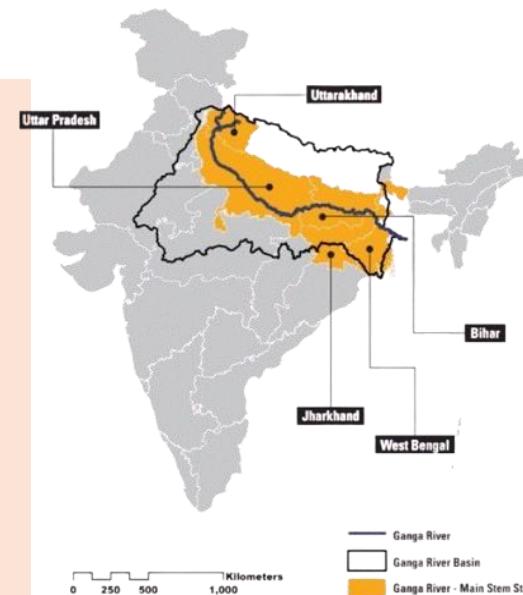


SLCR
SMART LAB ON CLEAN RIVERS

Ganga: A Story from Contamination to Rejuvenation

Ganga River System: Largest River System in India

- Origin: Gangotri Glacier
- Length: 2,525 km
- Catchment Area: 8.61 lakh sq. km (26% of the country's land mass)
- World's most populated river basin (650 million people)
- Basin covers 11 states.

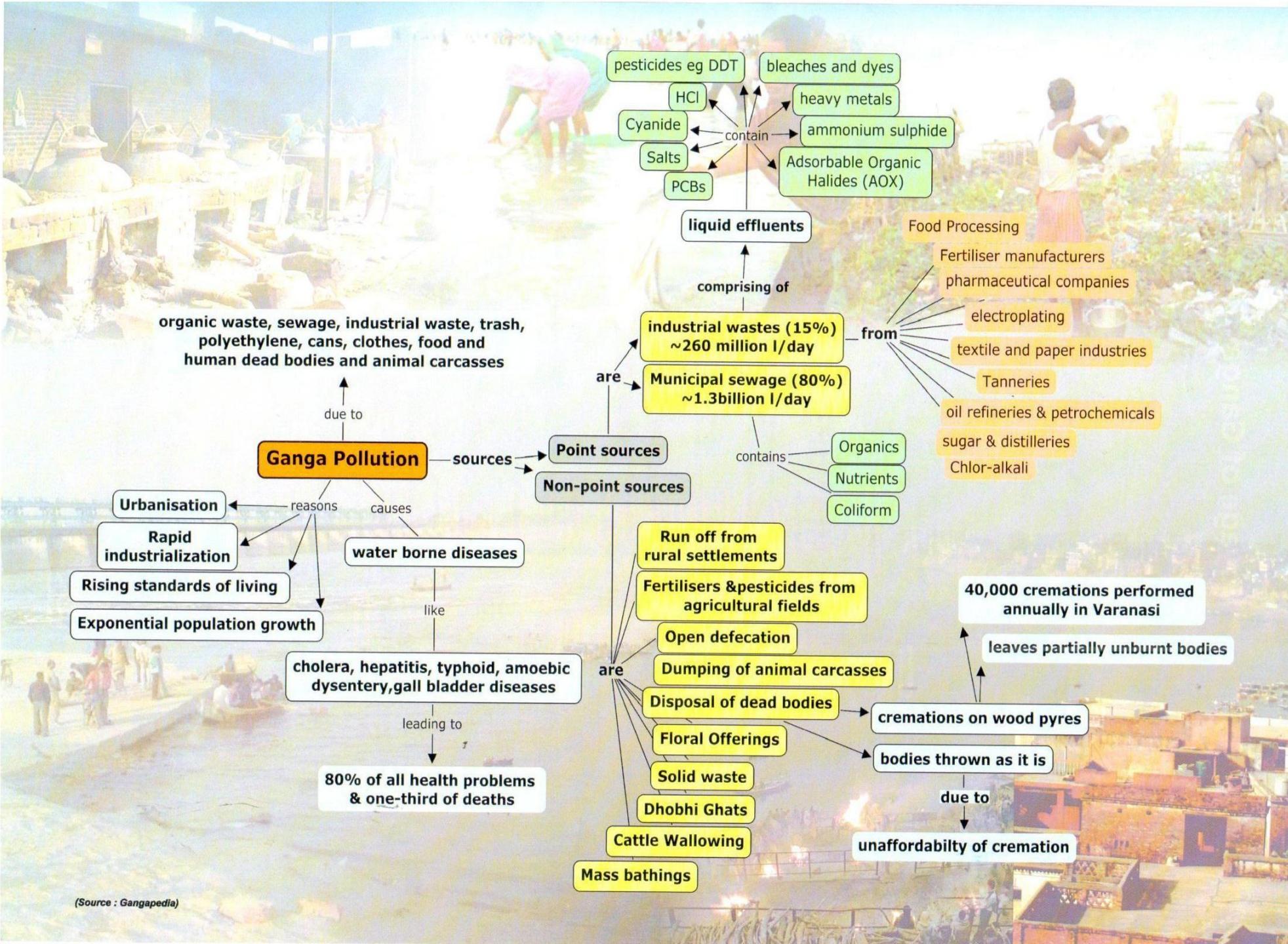


UTTARAKHAND
450 km
14 drains
440 MLD

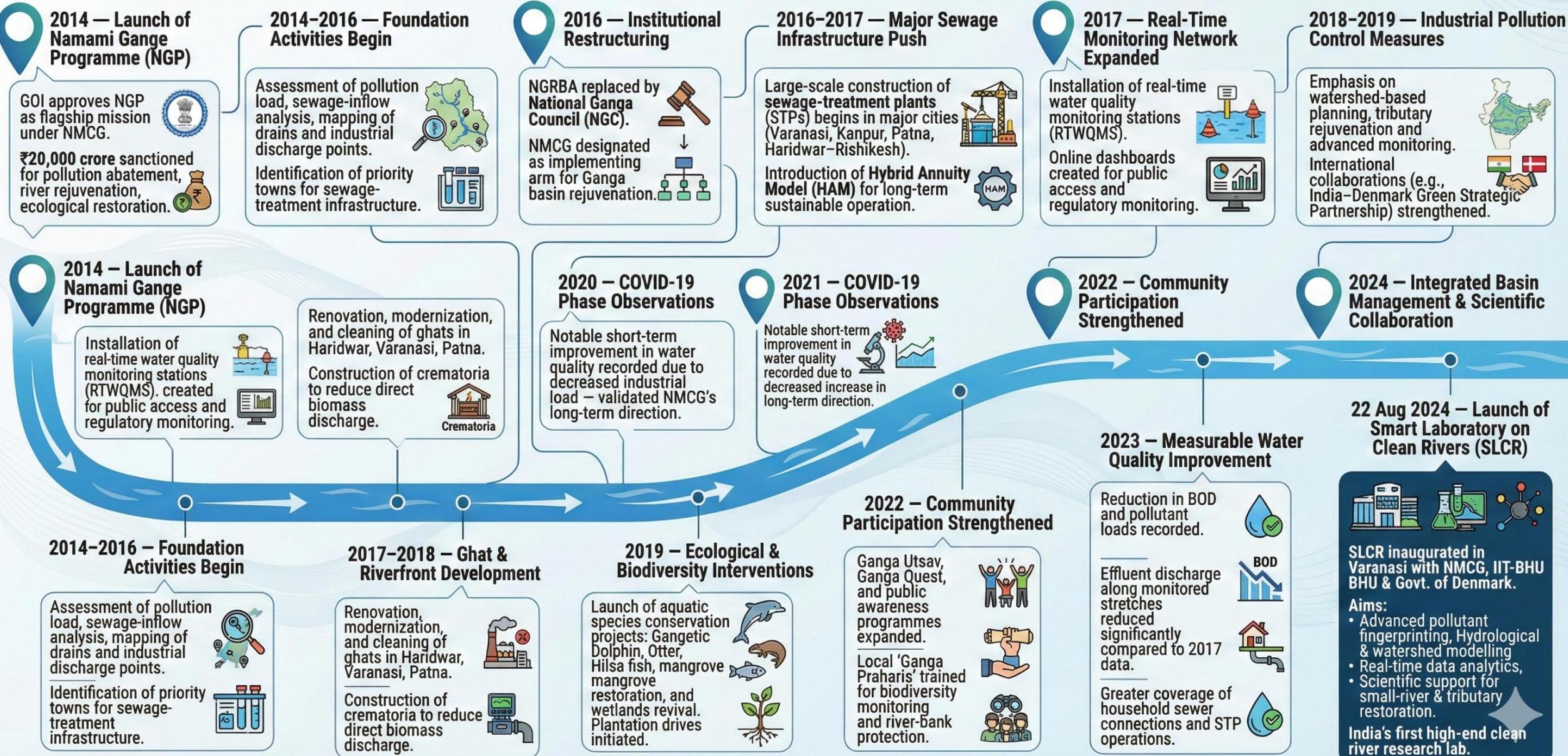
UTTAR PRADESH
1,000 km
43 drains
3,270 MLD

BIHAR
405 km
25 drains
580 MLD

JHARKHAND
40 km
54 drains
1,780 MLD

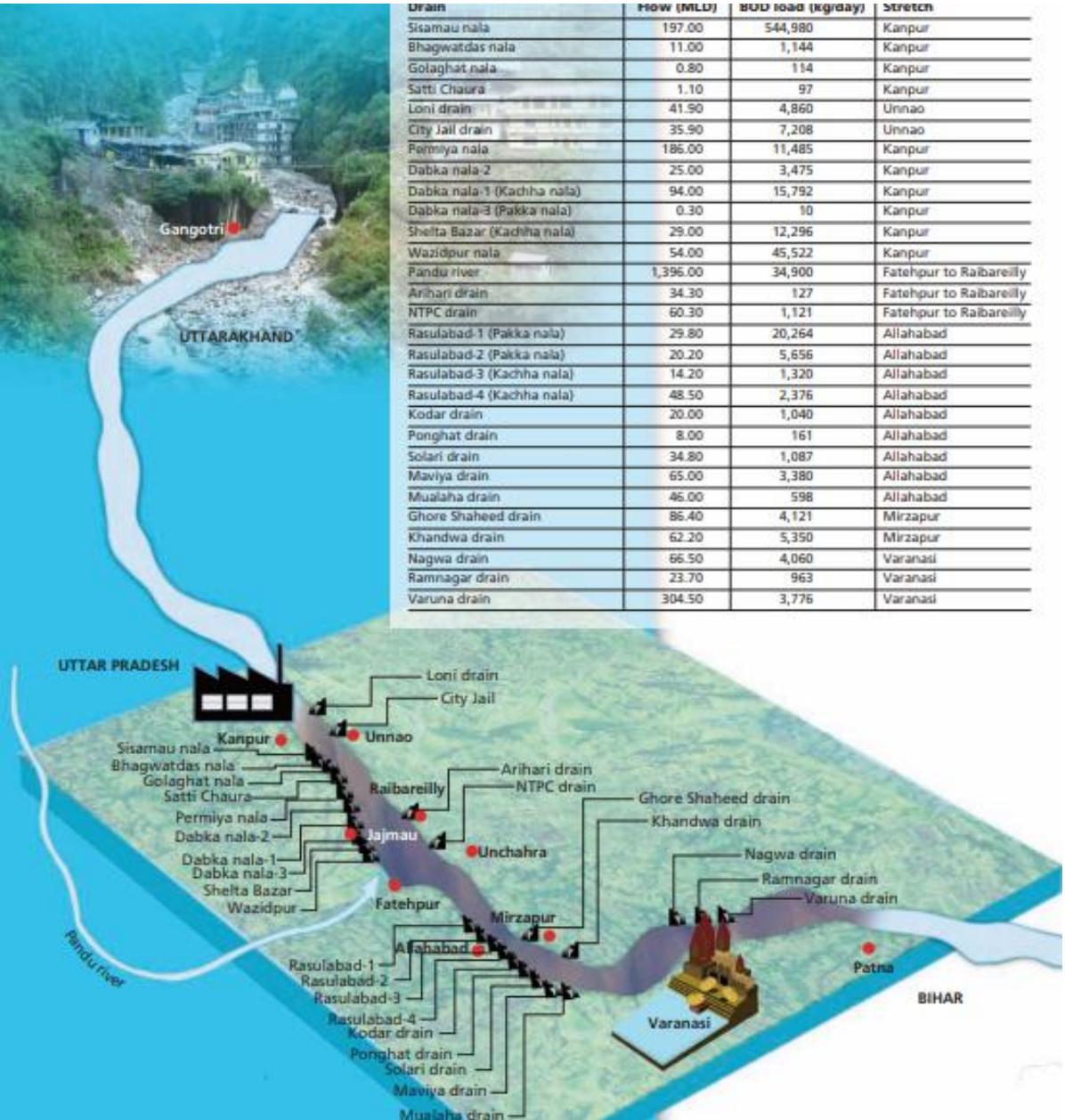
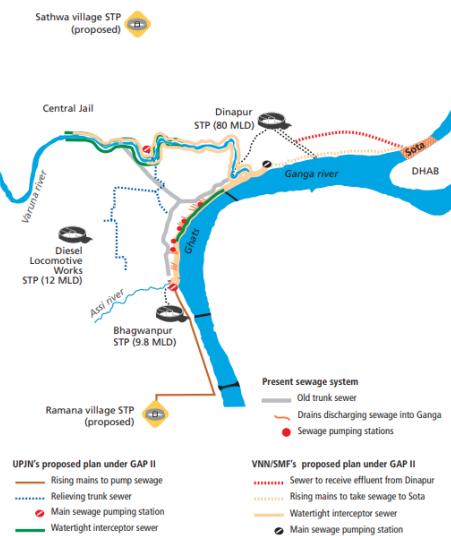


NAMAMI GANGE PROGRAMME (NGP): A DECADE OF REJUVENATION (2014-2024)

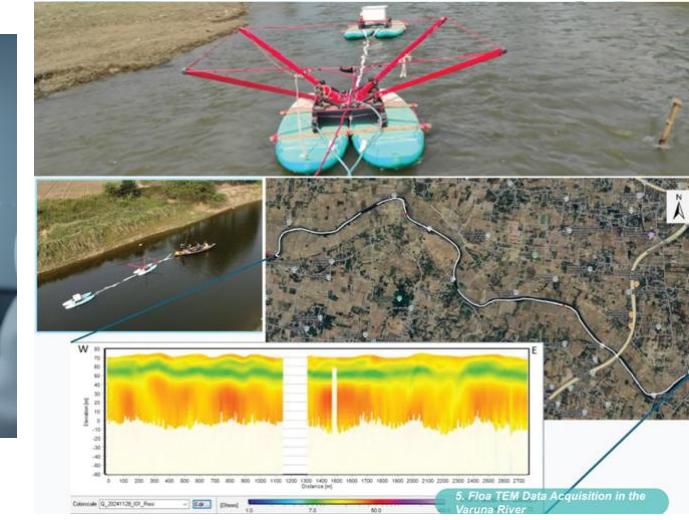
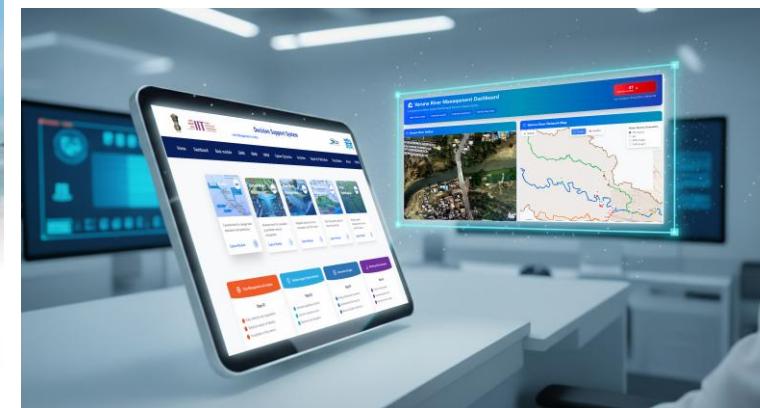
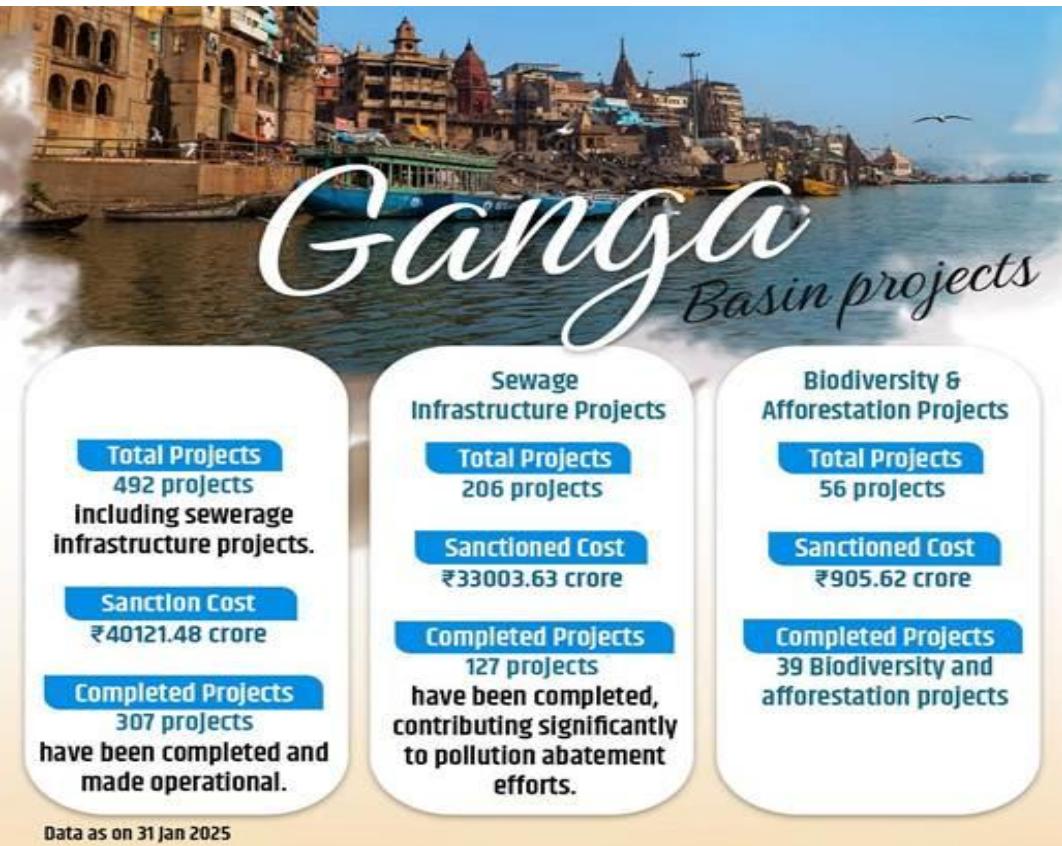




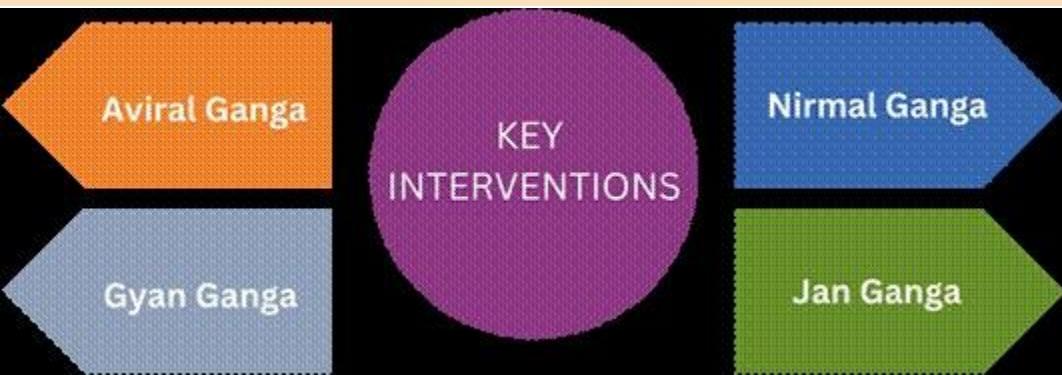
Varanasi: the river and the sewers



National Mission on Clean Ganga and SLCR



- **Pollution Abatement (Nirmal Ganga):** Addressing and reducing the sources of pollution in the river.
- **Improving Ecology and Flow (Aviral Ganga):** Enhancing the ecological health and continuous flow of the river.
- **Strengthening People-River Connect (Jan Ganga):** Fostering a deeper connection between the people and the river through community engagement and awareness.
- **Facilitating Research and Policy (Gyan Ganga):** Promoting diversified research, scientific mapping, studies, and evidence-based policy formulation





MAJOR ACHIEVEMENTS IN CLEANING RIVER GANGA: A JOURNEY OF REJUVENATION



Based on Government Data (2018-2025)



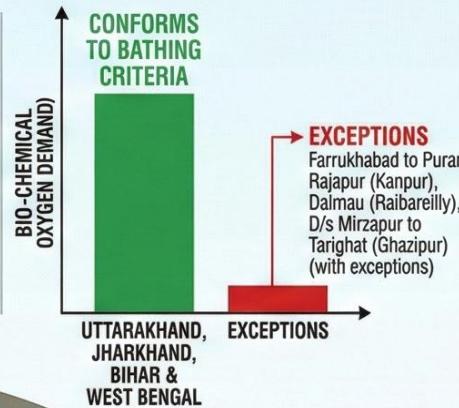
WATER QUALITY IMPROVEMENT (2025 Data)



POLLUTED RIVER STRETCHES (PRS) REDUCTION (2018 vs 2025 Comparison)



**pH & DISSOLVED OXYGEN (DO):
MEET BATHING CRITERIA AT ALL LOCATIONS**



**BIOLOGICAL WATER QUALITY (2024-25):
PREDOMINANTLY “GOOD”
TO “MODERATE”
AT 50 LOCATIONS**

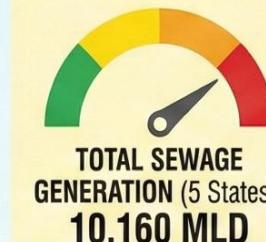
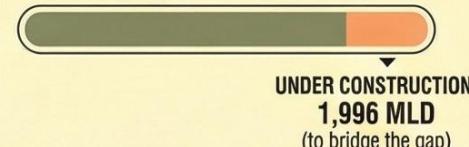
Diverse benthic macro-invertebrates indicate ability to sustain aquatic life.



SEWAGE TREATMENT CAPACITY BOOST (As of Nov 2025)



AVAILABLE STP CAPACITY:
7,820 MLD



TARGET: 473 MLD
ACHIEVEMENT: 612 MLD

TARGET: 1000 MLD

ACHIEVEMENT: 711 MLD

TECHNOLOGY & INTEGRATED MEASURES

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**LiDAR &
DRONE SURVEY:**
Identify all
discharging drains



**PARAMETRIC
MONITORING & CCTV
AT STPs:**
Physical monitoring
of operations



**NATURE-BASED
SOLUTIONS:**
Wetland rejuvenation,
Biodiversity parks,
Flood plain restoration



**NATURE-BASED
SOLUTIONS:**
Wetland rejuvenation,
Biodiversity parks,
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**URBAN RIVER
MANAGEMENT PLANS:**
River sensitive Master
Plans for cities



**CENTERS OF
EXCELLENCE:**
Decision Support System,
Digital Twin for River Ganga

THANK YOU

For your shared commitment to a cleaner, revitalized Ganga.

