



GNAMAMI GANGE

A Holistic Approach for Cleanliness of River Ganga

(Ministry of Jal Shakti)

March 7, 2025

Namami Gange Programme, is an Integrated Conservation Mission, approved as ‘Flagship Programme’ by the Union Government in **June 2014** with budget outlay of Rs.20,000 Crore to accomplish the twin objectives of **effective abatement of pollution, conservation and rejuvenation of National River Ganga.**



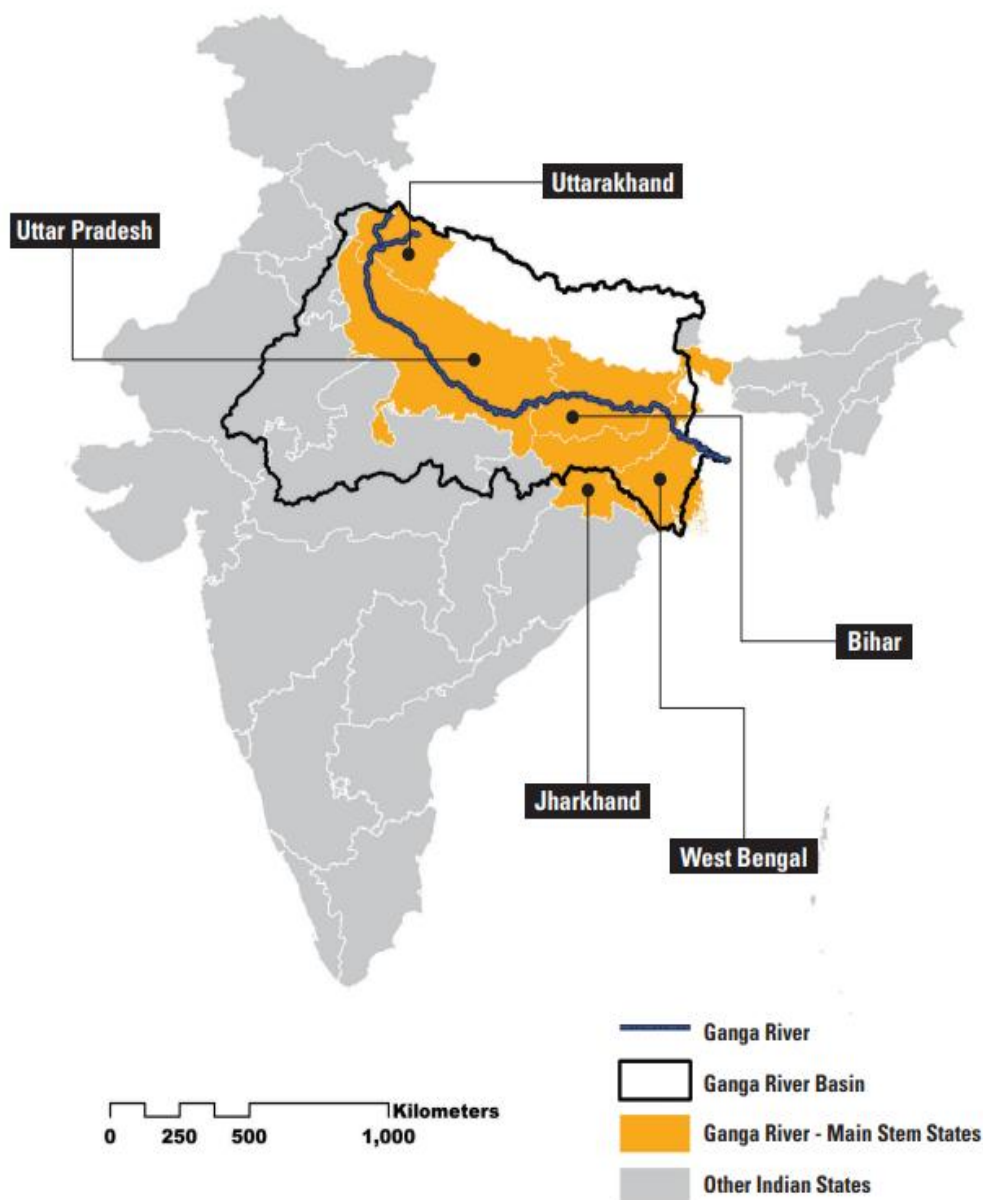
The Government of India (GoI) launched the Namami Gange Programme (NGP) in 2014-15 for the rejuvenation of river Ganga and its tributaries with a budgetary outlay of **₹ 20,000 crore, for five years, up to March 2021** and has been further extended to March 2026 with a budgetary outlay of **₹ 22,500 crore**.

The **National Ganga Plan (CS)** has been allocated a **financial outlay of ₹3,400 crore¹** for the year 2025-26. This investment aims to enhance sewage treatment capacity, improve water quality, and regulate industrial waste discharge to rejuvenate the Ganga River and achieve prescribed bathing standards by 2025.

Ganga: Lifeline of India

The Ganga River, one of the most sacred rivers in the world, faces significant threats from excessive water abstraction and pollution. As a vital part of India's cultural heritage and a key resource for sustenance, the river's health is of paramount importance. To address these challenges, the Namami Ganga program was launched with the twin objectives of effectively reducing pollution and conserving and rejuvenating River Ganga.

¹ Union Budget https://www.indiabudget.gov.in/doc/OutcomeBudgetE2025_2026.pdf



The Ganga River Basin

The Ganga River basin is the largest in India, encompassing **27%** of the country's land mass and supporting about **47%** of its population. Spanning over **11 states**, the basin covers nearly **27% of India's total geographical area**. The majority of the basin, around **65.57%**, is used for agriculture, while water bodies cover **3.47%** of the area. Despite receiving **35.5%** of the total water input in terms of precipitation, the Ganga River Basin is the second most water-stressed basin in India, following the Sabarmati Basin, with only **39%** of the average per capita annual rainwater input among major Indian river basins.²

Vision

² Ganga Vision Document: <https://nmcg.nic.in/Disclosure.aspx>

The vision for Ganga rejuvenation revolves around restoring the river's wholesomeness, defined by ensuring "Aviral Dhara" (Continuous Flow), "Nirmal Dhara" (Unpolluted Flow), and maintaining its geological and ecological integrity. A comprehensive Ganga River Basin Management Plan (GRBMP) was developed by a consortium of seven IITs, emphasizing an Integrated River Basin Management (IRBM) approach with multi-sectoral and multi-agency interventions.



Key Interventions

- ❖ **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

Over the years, concerted efforts made by NMCG are beginning to find success in restoring the pristine glory of the river.

Progress Overview(As of 31 January 2025) ³

- ❖ A comprehensive total of **492** projects, valued at **40121.48 Crore**, have been launched.
- ❖ Among these, **307** projects have reached completion and are now operational.
- ❖ An impressive **206** projects addressing Sewage Infrastructure have been set in motion.
- ❖ A substantial fund of **33003.63Crore** has been sanctioned for these sewage infrastructure projects.
- ❖ Of these, **127** sewerage projects have been successfully completed, playing a pivotal role in

³ Monthly Progress Report: <https://nmcg.nic.in/projectsearch.aspx>

mitigating pollution.

- ❖ Additionally, **56** projects dedicated to Biodiversity & Afforestation have been undertaken.
- ❖ These projects have received a funding commitment of over **₹ 905.62 Crore**.
- ❖ Notably, **39** projects focused on biodiversity and afforestation have been successfully concluded, augmenting the ecological equilibrium of the Ganga basin.

Government's Recent Initiatives for a Pollution Free Ganga⁴

❖ In a major step towards tackling pollution, the 60th Executive Committee Meeting of the National Mission for Clean Ganga (NMCG) approved the interception and diversion of the Durga Drain and the construction of a **60 MLD** capacity sewage treatment plant (STP) in Varanasi, Uttar Pradesh, at a cost of **₹274.31 crore**. This project, based on the hybrid annuity model, includes a **75 MLD capacity** main pumping station and other essential structures, ensuring long-term wastewater management and pollution control.

❖ Additionally, a significant project was approved to prevent the flow of untreated sewage into Varuna, a major tributary of the Ganga, in Bhadohi. With an investment of **₹127.26 crore**, this initiative will establish three STPs with capacities of **17 MLD, 5 MLD, and 3 MLD**, along with an extensive sewer network to tap four major drains and prevent pollution. This project follows the Design-Build-Operate-Transfer (DBOT) model, ensuring sustainable operation and maintenance over the next 15 years.

❖ A National Framework for Safe Reuse of Treated Water has been developed by NMCG to guide States in formulating their reuse policies and to establish economic models for the reuse of treated wastewater. NMCG has also issued a guidance handbook for urban policymakers and city officials on safely reusing treated water, which aims to conserve freshwater resources and promote sustainable water management practices.⁵

❖ Seven Biodiversity Parks in **seven districts (Mirzapur, Bulandshahar, Hapur, Budaun, Ayodhya, Bijnore and Pratapgarh)** of Uttar Pradesh and 5 priority wetlands in **Uttar Pradesh (3), Bihar (1) and Jharkhand (1)** have been sanctioned.

❖ NMCG, through the State Forest Department, has implemented a forestry intervention project along the main stem of river Ganga. **33,024 hectares area** have been afforested with an expenditure of about **₹ 398 crore**.

⁴ <https://pib.gov.in/PressReleasePage.aspx?PRID=2102458>

⁵ Lok Sabha 18 UNSTARRED QUESTION NO. 684

- ❖ A total of **143.8 lakhs** of Indian Major Carp (IMC) fingerlings have been reared in the Ganga since 2017 to conserve fish biodiversity and prey base for river Dolphins, and ensure the livelihood of fishers in the Ganga basin under the special project implemented by Central Inland Fisheries Research Institute (CIFRI).
- ❖ A total of **203** number of sewerage infrastructure projects costing **₹ 32,613 crore** have been taken up for remediation of polluted river areas with treatment capacity of **6,255 Million Litres per Day (MLD)**. **127 STP** projects with a capacity of **3,446 MLD** have been completed and made operational.
- ❖ For industrial pollution abatement, **3 nos. of Common Effluent Treatment Plants (CETPs)** have been sanctioned, i.e., Jajmau CETP (20 MLD), Banther CETP (4.5 MLD), and Mathura CETP (6.25 MLD). Two projects, Mathura CETP (6.25 MLD) and Jajmau CETP (20 MLD) have been completed.

Conclusion

The National Mission for Clean Ganga (NMCG) strives to deploy the best available knowledge and resources globally for Ganga rejuvenation. With significant progress achieved in various interventions, the programme continues to strive towards its goal of ensuring a clean and thriving Ganga for future generations.

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