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“माँ गंगा हर भारतीय के साथ हैं। साफ-सुथरे घाट, निर्मल गंगा और उसके अविरलता एवं अविरल प्रवाह की प्रभा—जो किसी भी व्यक्ति को सशक्त महसूस कराती है।”

”

श्री गजेंद्र सिंह शेखावत
माननीय जल शक्ति मंत्री



“नमामि गंगे केवल सफाई का ही नहीं बल्कि जन-जन में सामूहिक चेतना लाने का भी अभियान है।”

श्री विश्वेश्वर टुडु
माननीय जल शक्ति राज्यमंत्री

“जल और नदियों का सम्मान भारतीय संस्कृति का अभिन्न अंग रहा है।”

श्री प्रहलाद सिंह पटेल
माननीय जल शक्ति राज्यमंत्री



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“Pollution abatement in river stretches is of high priority for the Government. The experiences gained from Namami Gange would be very useful in this endeavor.”

Ms. Debashree Mukherjee,
Secretary, Department of Water Resources,
River Development & Ganga Rejuvenation



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“Namami Gange is one of the world's acclaimed river conservation programmes. It was recognized as one of the Top 10 World Restoration Flagship Programmes at the 15th Conference of the Parties (COP-15) on the Convention on Biological Diversity (CBD) in Montreal, Canada on 13th December 2022. Namami Gange also received praise from various quarters at the United Nations Water Conference in New York in March 2023.”

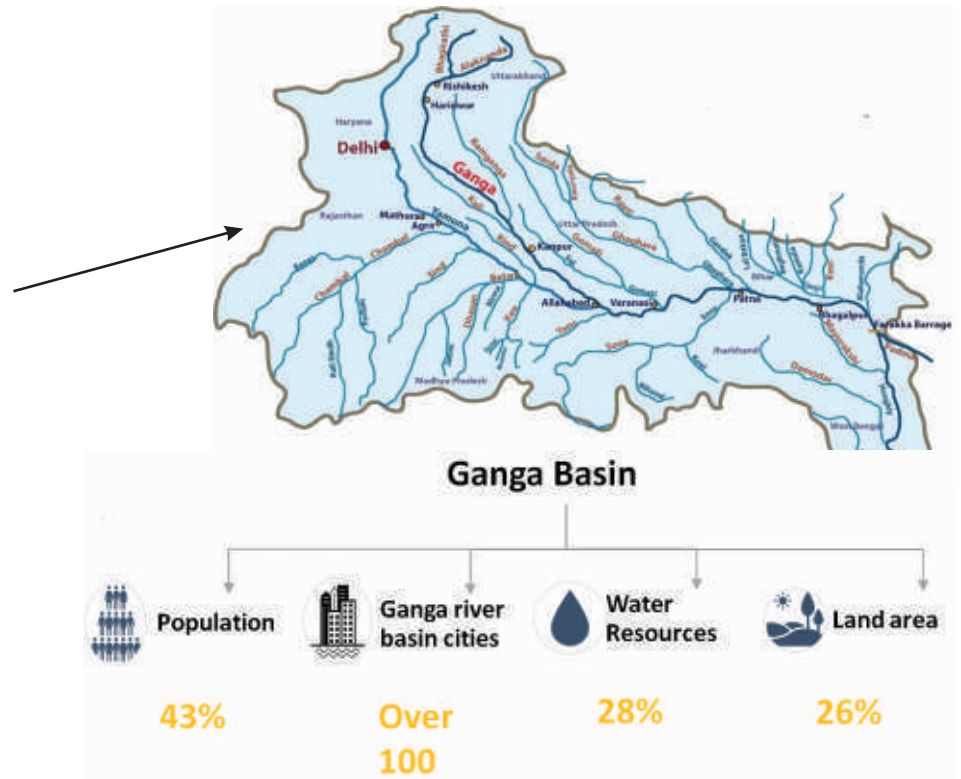
Shri. G Asok Kumar,
Special Secretary and Director General,
National Mission for Clean Ganga

”

Ganga River Basin-Fact Sheet

Ganga river basin is home to 43% of the population of India & contributes to 40% of GDP

The Ganga is the longest river in India with a length of over 2500 Km and catchment area of 8.6 lakh sq. km.





Namami Gange Mission Achievements and Accolades

Achievements and Accolades

Namami Gange Mission: Recognized as one of the TOP TEN “World Restoration Flagship” by UN Decade



Recognized as one of the **top 10 World Restoration Flagship** initiatives on 13th December 2022 at Montreal, Canada during UN Conference Biological Diversity (COP 15)

DG, NMCG receiving the Award from Ms Natalia Alexeeva, UN Decade on Ecosystem Restoration

- 2021 – 2030 declared as the Decade on Ecosystem Restoration by UNGA, positioning restoration of ecosystems as a major nature-based solution for achieving SDGs & national priorities
- World Restoration Flagships of the UN Decade are the first, best, or most promising examples of largescale and long-term ecosystem restoration in any country or region
- Led by UNEP and FAO, it embodies 10 Restoration Principles of the UN Decade

Participation in UN Water Conference -2023



- **The Only Indian entity to Organize a side event in the UN HQ during the UN Water conference- Namami Gange –**

“Namami Gange - An integrated & holistic approach towards Conservation & Rejuvenation of River Ganga and it's Ecosystem” was well attended

- **Bilateral meetings held with 13 countries –** Denmark, Egypt, European Union, France, Israel, Vietnam, Canada, Indonesia, United Kingdom, Singapore, UAE Japan and Bangladesh

Achievements and Accolades

Award for NAT - GEO Film



Meeting of EDs of World Bank in Agra



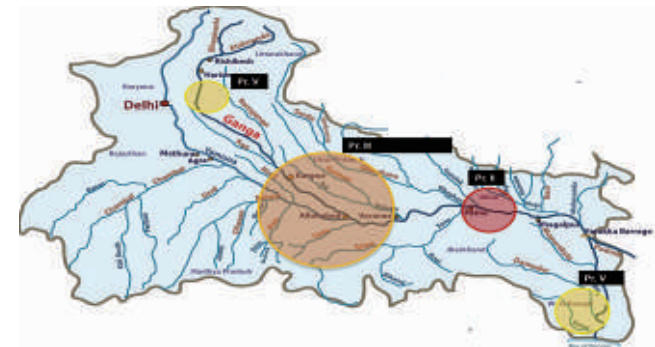
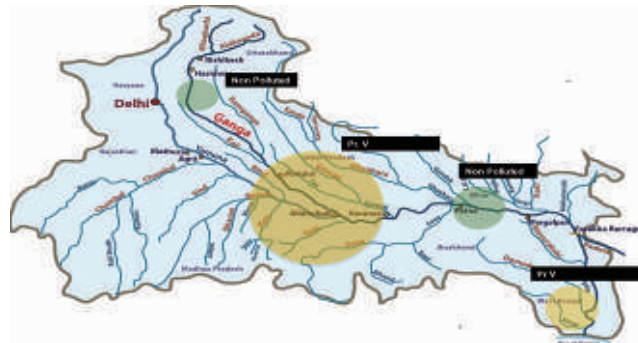
Meeting held in Agra on 5th August 2023:

As part of the visit of 12 Executive Directors (EDs) of World Bank, representing 100 countries, to see the transformational progress of India and some World Bank funded projects in India, a meeting was organized on 5 August, 2023 in Agra in which Director General, National Mission for Clean Ganga (NMCG) Mr. G. Asok Kumar gave a detailed presentation. Mr. Auguste Kouame, Country Director, World Bank, India was also present on the occasion.

Major achievements of Namami Ganga Program launched in 2014

Notable Improvement in River Water Quality, increase in numbers of Gangetic Dolphins and other biodiversity indicators

97 Manual and 76 Real Time Water Quality Monitoring Stations (RTQMS) are operational for monitoring water quality



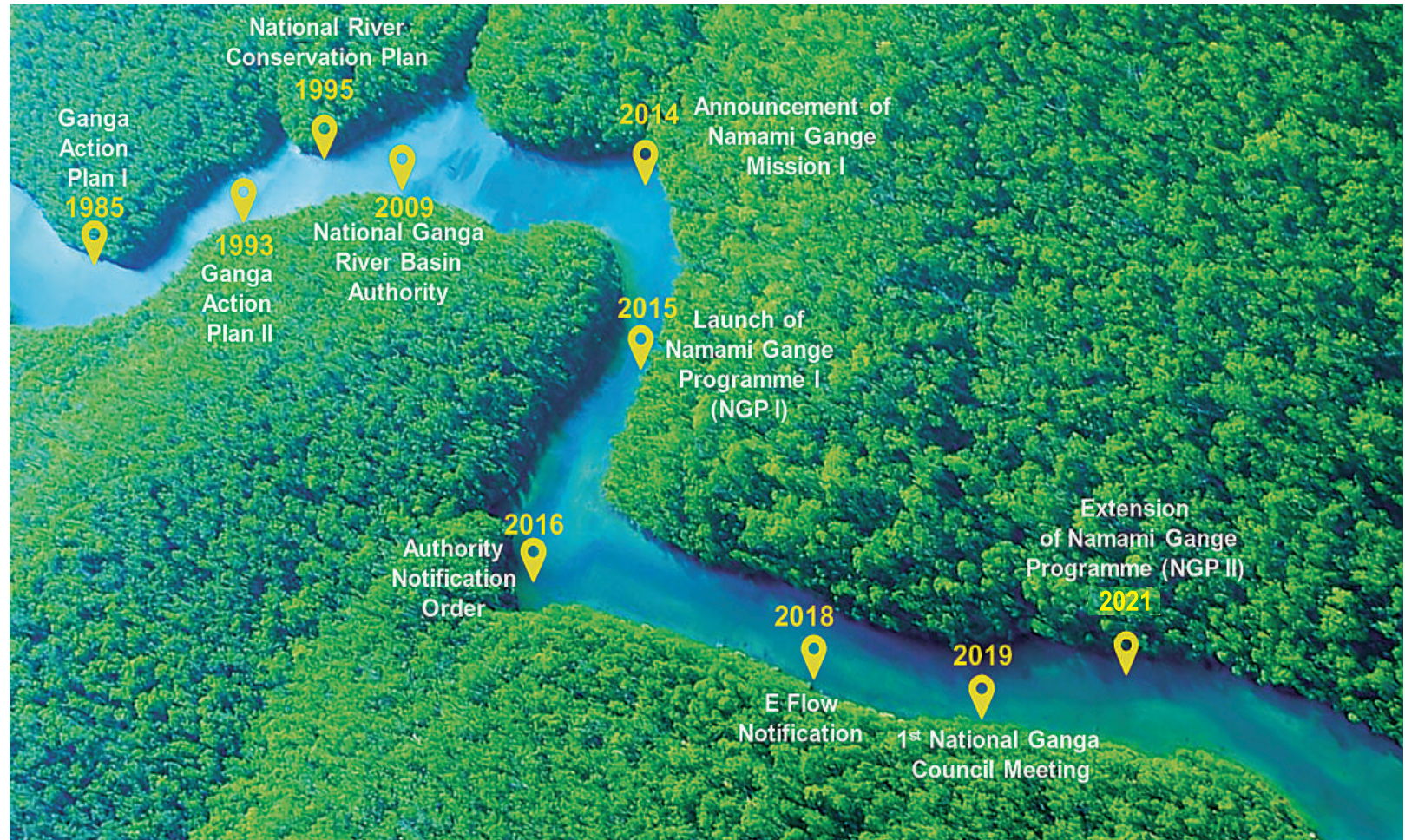
State	Polluted Stretches	Priority Category	
		2014-15	2022 (Jan to June)
Uttarakhand	Haridwar to Sultanpur	V (4.2-5.8 mg/l BOD)	Not Polluted (< 3 mg/l BOD)
Uttar Pradesh	Kannauj to Varanasi	III (3.8 - 16.9 mg/l BOD)	V (2.5– 4.3 mg/l BOD)
Bihar	Buxar to Bhagalpur	II (7.8 - 27 mg/l BOD)	Not Polluted (< 3 mg/l BOD)
West Bengal	Triveni to Diamond Harbour	V (3.1 - 5.8 mg/l BOD)	V (2.3 – 4.2 mg/l BOD)

Priority	Criteria
I	BOD > 30 mg/l
II	BOD : 20-30 mg/l
III	BOD : 10-20 mg/l
IV	BOD : 6-10 mg/l
V	BOD : 3-6 mg / l

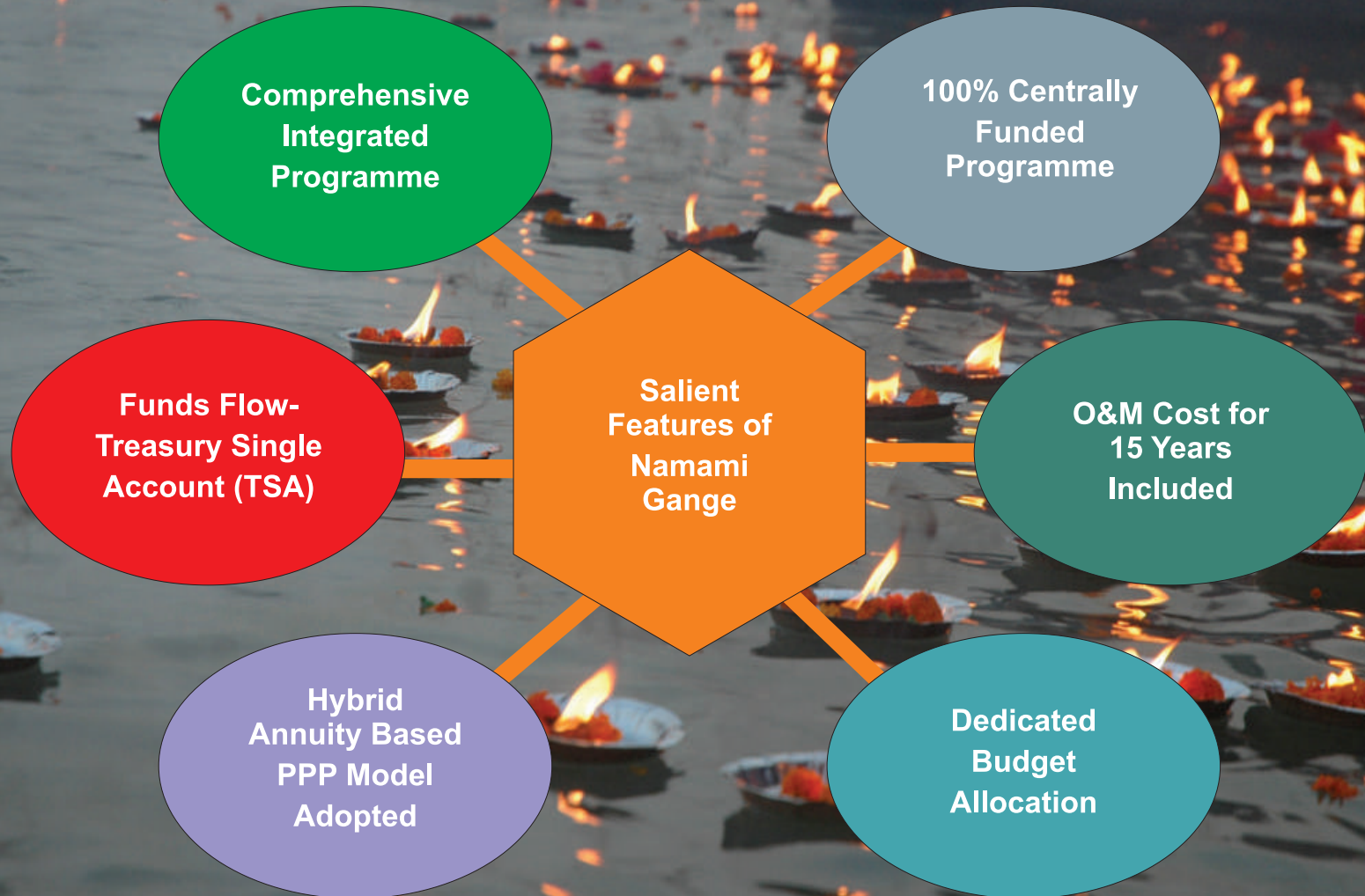
In 2022, No Stretches of River Ganga in Priority I to IV Categories of pollution

Evolution of Ganga River Conservation Program

Namami Ganga program was launched in 2014 as an integrated river rejuvenation mission



A Mission... Leading to Action

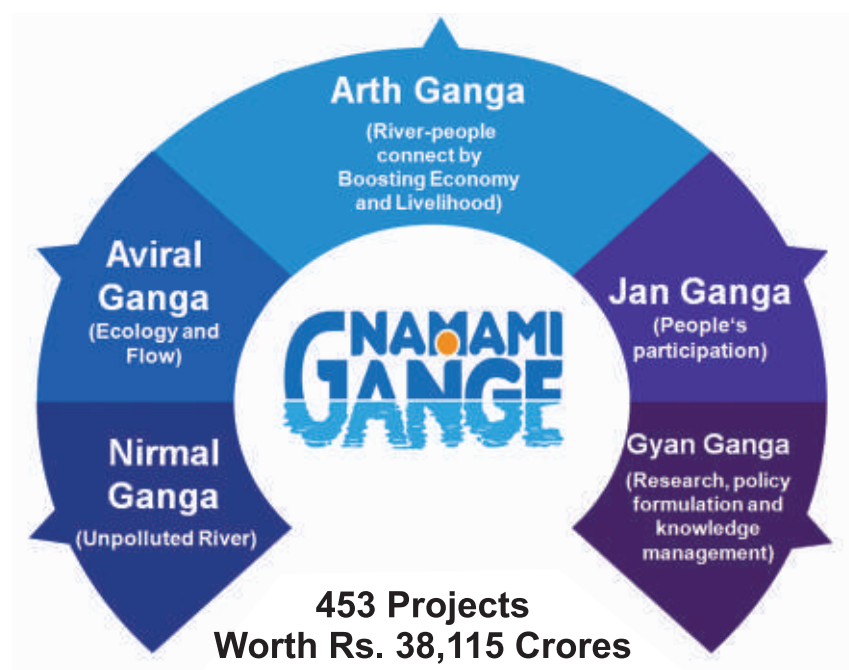


Namami Gange Program

An integrated river rejuvenation mission for the Ganga River Basin

VISION: The Vision for Ganga Rejuvenation constitutes restoring the wholesomeness of the river defined in terms of ensuring “Aviral Dhara” (Continuous Flow), “Nirmal Dhara” (“Unpolluted Flow”), Geologic and ecological integrity

Five pillars of Namami Gange



Components of the programme

Component	No of projects	Sanctioned Cost (in Rs Cr)
Sewerage Infrastructure	197	31,444
Ghats and River front development	105	1,735
Solid waste management	12	295
Institutional Development	29	1,757
Research and public outreach	37	260
Biodiversity and Afforestation	51	763
Bioremediation	15	239
Rural sanitation	1	1,422
Others	6	200
Total	453	38,115

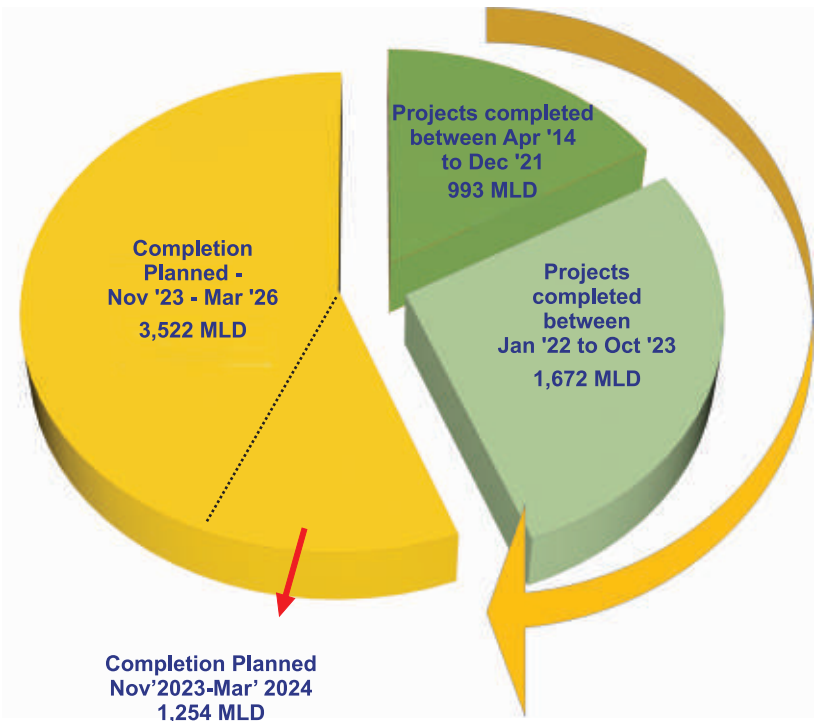
Ganga River Basin- Project Details

Total capacity of 6,187 MLD (197 projects) is sanctioned under Namami Ganga up to October 2023

Time Period	Sewage Capacity Created/ to be Created (MLD)
Completed April 2014 – December 2021	993
Completed January 2022–October 2023	1,672
Completion Planned November 2023–March 2026	3,522
Total	6,187

Expenditure in NMCG 2023-24

The Budgetary Allocation for the Namami Gange Programme for financial year 2023-24 is Rs. 4,000 crore. As on 15th October 2023, Rs. 1,681.93 crore has been assigned to the NMCG by the Department of Water Resources, River Development & Ganga Rejuvenation. Out of the assigned amount, NMCG has allocated/dispensed Rs. 1,256.90 crore to State Missions for Clean Ganga, various Executing Agencies and Contractors/Vendors for implementation of the programme. The disbursements by NMCG in the current financial year are 48 percent higher compared to the disbursements made during the corresponding period of last financial year (Rs.686.22 crore). NMCG has now fully transited to the Treasury Single Account System, and funds are drawn by the SMCGs and executing agencies on “Just in Time” basis.



**Total targeted capacity by Dec' 2026: 7,001 MLD
(Including New Projects to be Sanctioned)**

Namami Gange at a Glance (15th October 2023)

S. No.	Type of Project	Name of State	Sanctioned				Expenditure (Rs. Cr)	Completed		
			No of Projects	Capacity (MLD)	Network (km)	Cost (in Rs. Cr)		No of projects	MLD Created/ Rehabilitated	Network (km)
1	Sewerage Projects	Uttarakhand	41	223	196	1,582	744	36	165	175
		Uttar Pradesh	69	2,388	1,896	14,097	4,946	37	945	1,799
		Bihar	37	745	1,792	6,160	3,583	13	274	1,305
		Jharkhand	5	262	151	1,310	183	2	16	88
		West Bengal	29	899	975	4,842	1,707	11	379	859
		Haryana	2	145	41	218	218	2	145	52
		Delhi	9	1,268	37	1,951	1,662	7	704	36
		Himachal Pradesh	1	2	0	12	4	1	2	0
		Rajasthan	1	36	146	258	170	0	36	135
		Madhya Pradesh	2	219	20	604	0	0	0	0
		Modular STP Decentralized	1	0	0	410	0	0	0	0
Total			197	6,187	5,254	31,444	13,217	109	2,666	4,449
2	River front, Ghats and Crematoria	105*	—	—	1,735	1,212	79	—	—	
3	Solid Waste Management	12	—	—	295	192	9	—	—	
4	Institutional Development (Non-Infrastructure)	29	—	—	1757	508	9	—	—	
5	Project Implementation Support, Research and Study Projects, Public Relations and Outreach	36	—	—	241	42	8	—	—	
6	Biodiversity, Afforestation and Bioremediation	66	—	—	1,002	477	40	—	—	
7	Other Projects	8	—	—	1,641	1,186	5	—	—	
Grand Total			453	6,187	5,254	38,115	16,834	259	2,666	4,449

* Including projects under NGRBA

Year-Wise Disbursement by NMCG (Rs. Cr.)



* Unspent grants-in-aid of Rs.188.12 crore, released earlier, were refunded by the SMCGs of Uttarakhand, UP, Bihar and Jharkhand, and 2 Executing Agencies, viz Delhi Jal Board and Survey of India. This was returned by NMCG to the Consolidated Fund of India in 2022-23. Further Rs. 340 Cr. Refunded by SPMG Bihar in FY 2023-24 has also been deposited to Consolidated Fund of India. In addition about Rs. 260 crore interest earned on unspent balance by various agencies, including NMCG, has been refunded to the CFI during FY 2022-23 and current FY.

*NMCG has now fully transited to the Treasury Single Account (TSA) System, and funds are drawn by the SMCGs and executing agencies on “Just in Time” basis, since FY 2021-22, i.e., now there is NO scope for parking of funds and disbursement represents actual expenditure in the field. All commercial Bank Accounts of NMCG have been closed except for one Zero Balance “Holding Account”. NMCG had Zero unspent balance at the end of FY 2022-23.

Dinapur, Varanasi 140 MLD NJK (STP)



NIRMAL **GANGA**

**“To ensure that
the flow is
bereft of
manmade
pollution”**

Sewerage Infrastructure Projects on River Ganga and its tributaries

S. No.	State	Status as on 15th Oct 2023				
		Projects	STP Capacity Created (MLD)	Completed	Work-in-Progress	Under Tendering
Ganga Main stem						
1	Uttarakhand	37	156	34	2	1
2	Uttar Pradesh	37	661.51	27	5	5
3	Bihar	28	264.5	12	14	2
4	Jharkhand	2	15.5	2	0	0
5	West Bengal	26	393.07	11	8	5
	Total (Ganga Main stem)	130	1,490.58	86	29	13
Other Tributaries						
	(Uttarkhand, Uttar Pradesh, Bihar, Himachal Pradesh, Haryana, Delhi, Madhya Pradesh, Rajasthan)	67	1,187.47	23	16	28
	Grand Total	197	2,678.05	109	45	41

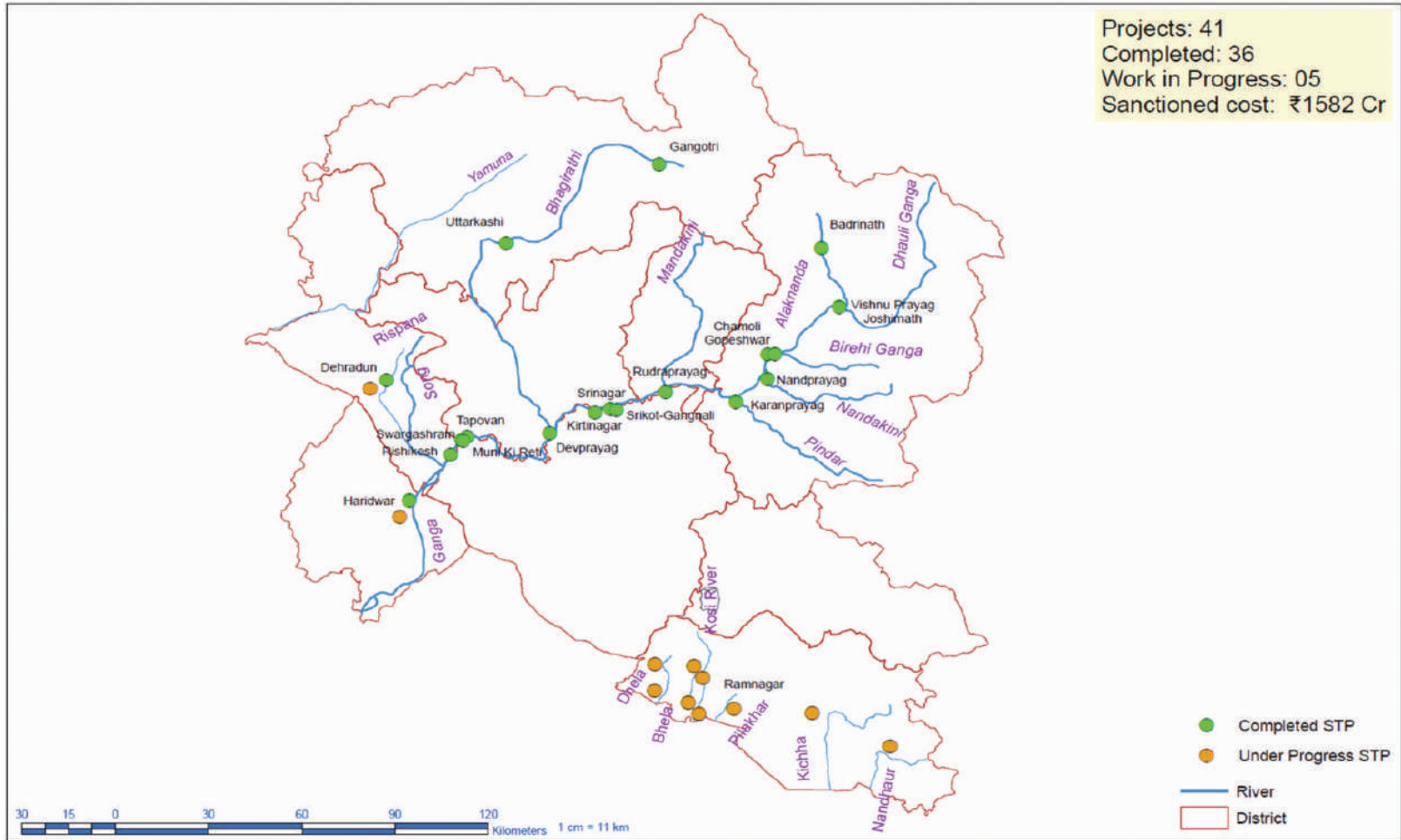
Uttarakhand Map



Sewerage Projects under Namami Gange in Uttarakhand



Projects: 41
Completed: 36
Work in Progress: 05
Sanctioned cost: ₹1582 Cr



Completed Projects in Uttarakhand

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Completion Date
1	Construction of STP at Sarai, Haridwar	18	-	24.91	Apr-14
2	Sewerage Scheme at Ahbab Nagar Jwalapur Zone E-2 at Haridwar	-	13.49	24.84	Dec-14
3	Sewerage Scheme at Triveni Ghat	-	1.02	7.23	Jun-15
4	Interception and Diversion (I&D) at Joshimath	-	27.66	9.61	Mar-16
5	Sewerage system and STP for Tapovan area	3.5	11.04	24.12	May-16
6	Sewage Treatment Plant at Devprayag	1.4	-	3.66	Jul-16
7	Restoration and Reconstruction of Sewerage Scheme due to disaster in Devprayag	-	-	4.5	Aug-16
8	Restoration and Reconstruction of Sewerage Scheme due to disaster in Gangotri	-	-	0.45	Oct-16
9	Interception and Diversion (I&D) at Gopeshwar	-	35.63	10.18	Mar-17
10	Interception and Diversion (I&D) at Badrinath	-	7.53	7.26	Aug-17
11	Restoration and Reconstruction of Sewerage Scheme due to disaster in Uttarkashi	-	-	4.84	Sep-17
12	Interception and Diversion (I&D) at Devprayag	0.22	7.6	7.26	Oct-17
13	Sewerage System and STP for Gangotri Dham	1	2.75	10.48	Oct-17
14	Upgradation of 3.50 MLD STP	-	-	2.19	Apr-18
15	Pollution Abatement works for River Alaknanda (STP creation of 10KLD & 50KLD)	0.06	-	4.23	Jul-18
16	Laying of Sewer Lines in Arihant Vihar & New Vishnu Garden, Kankhal in Haridwar	-	3.65	4.68	Dec-18
17	Upgradation of Existing STP (3.0 MLD)	-	-	5.2	Dec-18
18	Upgradation of 2MLD STP(Gyansu) in Uttarkashi	-	-	10.03	Dec-18
19	Upgradation of Existing STP (3.5 MLD) at Srinagar	-	-	15.4	Feb-19
20	I&D Works at Sarai & Jagjeetpur	-	17.1	116.28	Apr-19
21	I&D Works and STP at Srinagar	1	2.3	22.51	Apr-19
22	I&D Works and STP at Nandprayag	0.15	0.38	6.46	Apr-19
23	Tertiary treatment of existing 27 MLD STP at Jagjeetpur & Upgradation of existing 18 MLD STP at Sarai	-	-	32.65	Sep-19
24	Sewage Treatment Plant (STP) at Jagjeetpur(68MLD) & Sarai(14MLD)	82	-	273.37	Feb-20
25	I&D Works & Sewage Treatment Plant (STP) in Karanprayag	0.35	4.73	12.09	Feb-20
26	Pollution Abatement works (Interception and Diversion with STP) at Badrinath	1.01	-	18.23	Jul-20
27	Rising main (500m) and STP at Munki ki Reti	12.5	3.5	80.45	Sep-20
28	I&D Works & Sewage Treatment Plant (STP) in Rudraprayag	0.52	7.21	13.14	Nov-20
29	I&D and STP, at Chamoli	4.38	1.04	64.34	Feb-21
30	Pollution Abatement of River Alaknanda at Srikot-Gangnali Part A	0.13	-	7.86	Feb-21
31	I&D of Nallas Discharging in Kosi River at Ramnagar	8.5	1.7	55.06	Jul-21
32	Sludge Management Plant at Chorepani , Muni Ki Reti	-	-	8.67	Jan-22
33	I&D Works with STP at Rishikesh	26	2.5	158	Feb-22
34	I&D Works with STP at Joshimath	3.78	2.5	62.4	Jan-23
35	I&D Works for Rispana & Bindal River in Dehradun	-	31	63.75	Feb-23
36	Repair and Restoration (Protection works) in existing STPs/Sewerage network and its appurtenant works damaged during natural calamity	-	-	0.87	Feb-23
Total		164.5	184.33	1,177.20	

Projects Under Progress in Uttarakhand

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Date of Sanction	Expected Completion Date
1	(I&D) and STP work of 06 nos. Polluted River Stretches to Rejuvenate River Bhela, Dhela, Kichha, Kosi, Nandhore, Pilakhar and Kashipur (Udham Singh Nagar. 9 STP's)	30.30	3.70	199.36	Sep-21	Jan-24
2	I & D and STP for Gauri Kund and Tilwada, District Rudraprayag	0.31	-	23.37	Aug-22	Mar-25
Total		30.61	3.70	222.73		

Projects Under Tendering in Uttarakhand

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Date of Sanction	Current Status
1	I & D and STP works at Muni ki reti, Neelkanth, Swargaashram	12.80	4.50	94.04	Sep-22	LoA Issued
2	I&D with STP works at Sapera Basti, Dehradun	15	3.70	78.99	Oct-22	Bids received and evaluation is in progress.
3	Co-Treatment of Septage at existing STPs of Haridwar-150 KLD (100 KLD Jagjeetpur + 50 KLD Sarai), Rishikesh-50 KLD, Srinagar 30 KLD and Devprayag-5.0 KLD	0.23	-	8.60	Jun-22	NIT published
Total		28.03	8.20	181.63		

Photos of Operational Nirmal Jal Kendras (NJKs)/STPs in Uttarakhand



Devprayag 1.40 MLD NJK (STP)



Rishikesh (Swargashram) 3 MLD NJK (STP)



Chorpani 7.5MLD NJK (STP)



Chorpani, Muni Ki Reti 5 MLD NJK (STP)



Haridwar Sarai 18 MLD NJK (STP)



Srinagar 3.5 MLD NJK (STP)

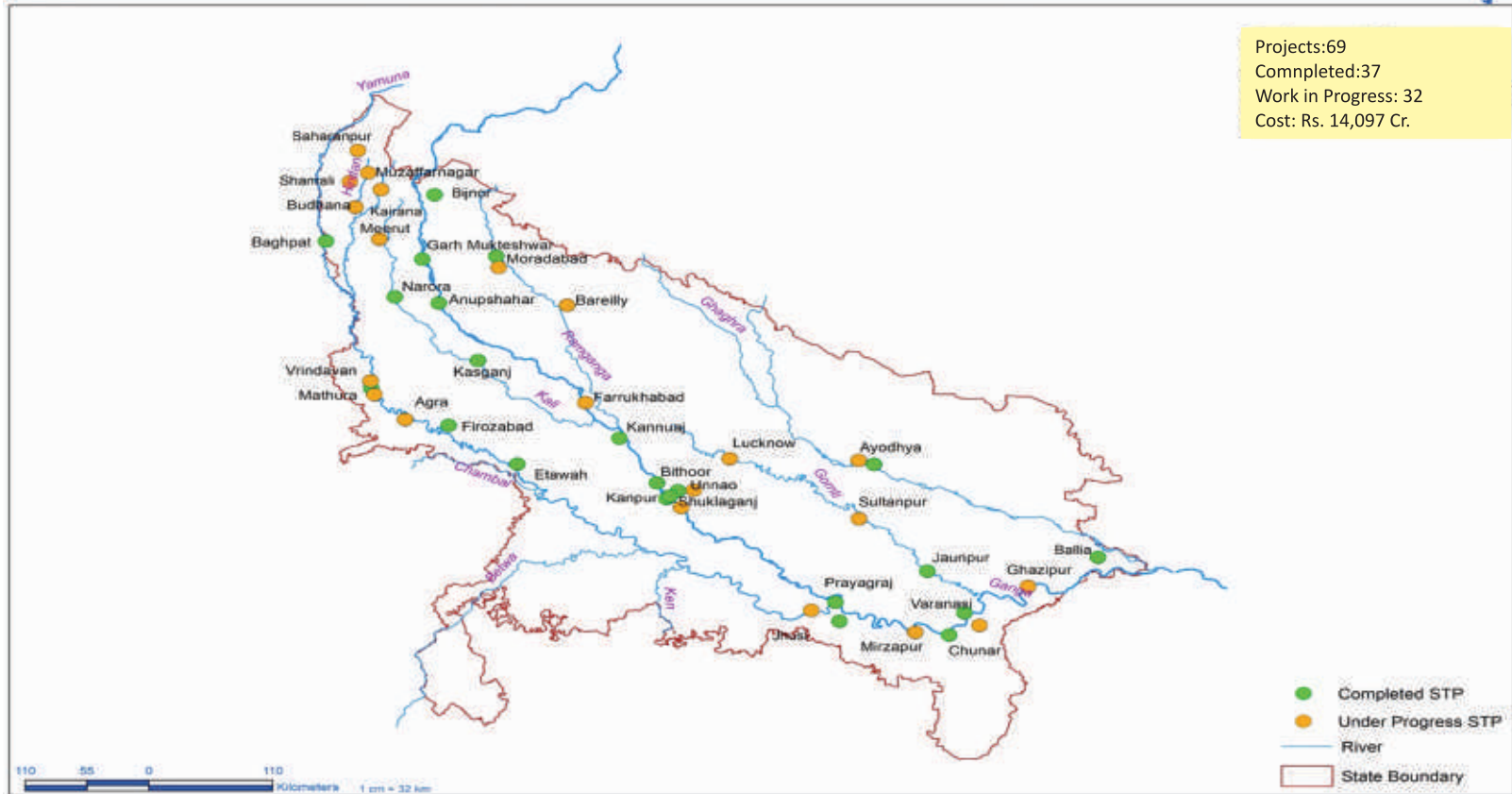
Uttar Pradesh Map



Sewerage Projects under Namami Gange in Uttar Pradesh



Projects:69
Completed:37
Work in Progress: 32
Cost: Rs. 14,097 Cr.



Completed Projects in Uttar Pradesh

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Completion Date
1	Sewerage & Non-Sewerage schemes for Pollution abatement of River Ganga at District-'A' of Allahabad	20	9.24	106.1	Mar-16
2	Sewerage & Non-Sewerage schemes for Pollution abatement of River Ganga at District-'B' & 'E' of Allahabad	85	10.9	199.3	Mar-16
3	Sewerage work in Swerage District-E	0	109	142	Jun-16
4	14 MLD STP at Salori, Allahabad	14	—	42.4	Sep-16
5	Sewerage scheme at Narora, Bulandshar	4	21	48.45	Apr-18
6	Sewerage system & STP works Garhmuketswar	9	69	46.51	Apr-18
7	Sewerage system & STP works (Phase II)- Kannauj	1	62.5	43.66	Apr-18
8	JICA assisted Ganga Action Plan Phase-II Project at Varanasi (EAP - JICA) Construction of 140 MLD STP at Dinapur	140	-	246.4	Nov-18
9	Construction of interceptor sewers, relieving trunk sewer & rising mains	0	28	165.8	Nov-18
10	Construction of 3 pumping stations (Chaukaghat, Phulwariya & Sariya)	0	-	39.57	Nov-18
11	Sewerage System in Sewerage District-C & Allahpur, Allahabad (Prayagraj)	0	134	171	Jan-19
12	Sewerage Works in Anup Shahar, Buland Shahar	2.5	58.9	75.79	Feb-19
13	Sewerage system with Sewer network-(District B)	0	215	300.8	Apr-19
14	Interception/Diversion of Sisamau Nala of Kanpur City under Component "B" of Namami Gange Programme	0	1.63	63.8	Apr19
15	Sewerage Works in Sewerage District-A of Allahabad	0	242	299.4	Oct-19
16	Sewerage scheme and STP at Bithoor Kanpurnagar, (UP)	0	-	13.4	Feb-20
17	Rehabilaition of Sewerage Infrastructure & Augmenation/Upgradation of STP (4 MLD)	4	-	42.82	Feb-20
18	Interception & Diversion (I&D) of drains at Ayodhya, District-Faizabad	0	5	37.67	Feb-20
19	Rehabilitation of 5 Ghat pumping stations and STPs at Dinapur & Bhagwanpur	0	-	20.52	Jul-20
20	Rehabilitation and Operation & Maintenance of existing Sewage Treatment Infrastrcture at Allahabad (under Hybrid annuity-based PPP model)- Rehabilitation of Naini SPT (80 MLD)	80	-	904	Jun-21
21	Sewerage Treatment Plant (STP) for Assi-BHU Sewerage District at Ramana	50	-	161.3	Jun-21
22	Interception,diversion of Drains & Sewage Treatment works at Ramnagar	10	0.44	72.91	Jun-21

Completed Projects in Uttar Pradesh

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Completion Date
23	Faecal Sludge Management for pollution abatement at Chunar	0.01	-	2.7	Jun-21
24	Firozabad Sewerage Scheme (Interception & Diversion) works	0	2.5	51.08	Jul-21
25	Sewerage Works in Sewerage District 1 of Kanpur	0	397	430.5	Sep-21
26	Non Sewerage, Institutional Development & Other works	0	-	126.2	Sep-21
27	Sewerage system & STP works (Phase I)- Muradabad	58	264	330.1	Nov-21
28	Interception & Diversion with STP at Kasganj	15	2.8	76.73	Jan-22
29	Sewerage Scheme (Interception & Diversion) works- Etawah	44.95	75.3	140.6	Feb-22
30	Rehabilitation of old trunk sewer, Varanasi	0	-	89.95	Jun-22
31	Rehabilitation/Renovation of Mathura sewerage scheme : Construction of 30 MLD STP at Masani	67.3	-	460.5	Jun-22
32	Faecal Sludge Management (Co-treatment) for abatement of pollution in River Ganga at Bijnor	0	-	0.39	Aug-22
33	Interception & Diversion and STP works of Baghpat Town	14	2.35	77.36	Dec-22
34	Sewer Network in District E of Allahabad -Part 2 (Additional Work) under Component "A"	0	42.7	52.78	May-23
35	Interception, Diversion and Treatment Works for Naini (District G) Phaphamau (District F) and Jhunsi Area District	72	13	908	Jun-23
36	Interception & Diversion works and STP at Jaunpur	30	-	206	Jul-23
37	Rehabilitation of existing Sewage Treatment Infrastructure , Development of sewage Treatment Plant at Pankha (30 MLD) Rehabilitation, Operation & Maintenance of 130 MLD STP in Jajmau Zone	160	17	967	Jul-23
Total		880.76	1,783.53	7,163.76	

Projects Under Progress in Uttar Pradesh

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Date of Sanction	Expected Completion Date
1	Interception, diversion of Drains & Sewage Treatment works at Unnao (under Hybrid annuity based PPP model)	15	3.30	102.20	Jul-17	Oct-23
2	Interception & Diversion with STP at Sultanpur	17	8	70.18	Dec-19	Oct-23
3	Interception & Diversion works and STP at Muzaffarnagar	54.50	5.91	234.03	Jan-20	Dec-23
4	Interception & Diversion works and STP at Budhana	10	1	48.76	Feb-19	Dec-23
5	Interception, diversion of Drains & Sewage Treatment works at Shuklaganj (under Hybrid annuity based PPP model)	5	0.15	65.18	Jul-17	Dec-23
6	Sewerage, Sewage Treatment works at Ghazipur city (under Hybrid annuity based PPP model)	21	1.30	152.83	May-20	Feb-24
7	Interception, Diversion and Treatment Works for abatement of Pollution of River Ganga at Mirzapur Town (under Hybrid annuity based PPP model)	18	2.07	129.08	May-20	Mar-24
8	Interception & Diversion works and STP at Bareilly	63	-	271.39	Jan-19	Mar-24
9	Interception, Diversion & Sewage Treatment Works in Farrukhabad-Fategarh (under Hybrid annuity based PPP model)	47.70	5.76	261.12	Feb-21	Apr-24
10	Interception & Diversion and STP works at Lucknow	40	-	213.91	May-22	Apr-24
11	Interception & Diversion works for Kairana Town, Distt- Shamli,	15	-	78.42	Dec-22	Apr-24
12	Pollution Abatement Works for River Kali Meerut under Meerut Municipality (Interception & Diversion with STP)	220	-	690.71	May-22	Apr-24
13	Pollution Abatement Works for River Saryu/Ghaghara at Faizabad town, District Ayodhya (Interception & Diversion with STP)	33	—	221.66	May-21	Dec-24
14	Pollution Abatement Works for River Ram Ganga at Moradabad (Sewerage Zone-2)	25	—	118.69	Jul-18	Jan-25
15	Interception & Diversion with Rehabilitation of sewerage scheme at Agra	178	17.61	842.25	May-20	Mar-25
Total		762.20	45.10	3,500.41		

Projects Under Tendering in Uttar Pradesh

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Date of Sanction	Current Status
1	Sewerage Scheme (I&D and STP Works for balance drains) under Hybrid Annuity based PPP mode at Mathura	60	11.26	292.56	Sep-22	LoA Issued
2	Interception & Diversion (I&D) and Sewage Treatment Plant works at Saharanpur, Uttar Pradesh	135	16	577.23	Jun-22	Under technical bid evaluation
3	I&D and STP Works for Assi-BHU Area (Phase II), Varanasi, Uttar Pradesh	55	3.45	308.09	Oct-22	Retendering
4	I&D and STP Works Chhata	6	2.17	56.15	Oct-22	Bids Received
5	I&D and STP Works, Kosi	12	0.03	66.59	Oct-22	Bids Received
6	I&D and STP Works, Vrindavan	13	0.6	77.7	Oct-22	Bids Received
7	I&D and STP work at Hathras town	24	5.67	128.91	Jan-23	Bids Received
8	I&D and STP work at Lucknow, Phase II Part-I	50	3.5	264.67	Jan-23	Bids Received
9	Interception & Diversion of Balance 7 drains and Augmentation of Rajapur STP Capacity by 90 MLD (Sewerage District D) at Prayagraj	90	8	475.98	Jan-23	Bids Received
10	Interception and diversion of balance discharge of 13 drains and augmentation of Salori STP (sewerage district C)	43	-	331.75	Mar-23	Bids Received
11	I&D and STP works at Banat Town, Dist. Shamli in Uttar Pradesh State	5	0.64	48.71	May-23	Under Tendering
12	I&D and STP works at Babri & Bantikhera Villages, Dist. Shamli	5	2.84	55.47	May-23	Under Tendering
13	I&D and STP works at Thanabhawan Town, Dist. Shamli	10	7.54	97.19	May-23	Under Tendering
14	I&D and STP works at Shamli Town, Dist. Shamli	40	0.2	206.02	May-23	Under Tendering
15	Interception and Diversion of Drains and Sewerage at Hapur	6	0.6	49.06	Sep-23	Approved in 50 th EC
16	Interception and Diversion of Balance Discharge of 02 drains and 50 MLD STP to augment existing treatment capacity (80 MLD Naini STP for Sewerage District –A) at Prayagraj	50	0.006	186.47	Sep-23	Approved in 50 th EC
17	Interception and Diversiion (I&D) and STP works at Lucknow, Phase II, Part II	100	—	351	-	Approved in 50 th EC
	Total	704	62.506	3573.55		

Photos of Operational Nirmal Jal Kendras (NJKs)/STPs in Uttar Pradesh



Masani, Mathura 30 MLD NJK (STP)



Kodra, Prayagraj 25 MLD NJK (STP)



Rajapur, Prayagraj 90 MLD NJK (STP)



Ramanna, Varanasi 50 MLD NJK (STP)



Ramnagar, Varanasi 10 MLD NJK (STP)



Moradabad 58 MLD NJK (STP)

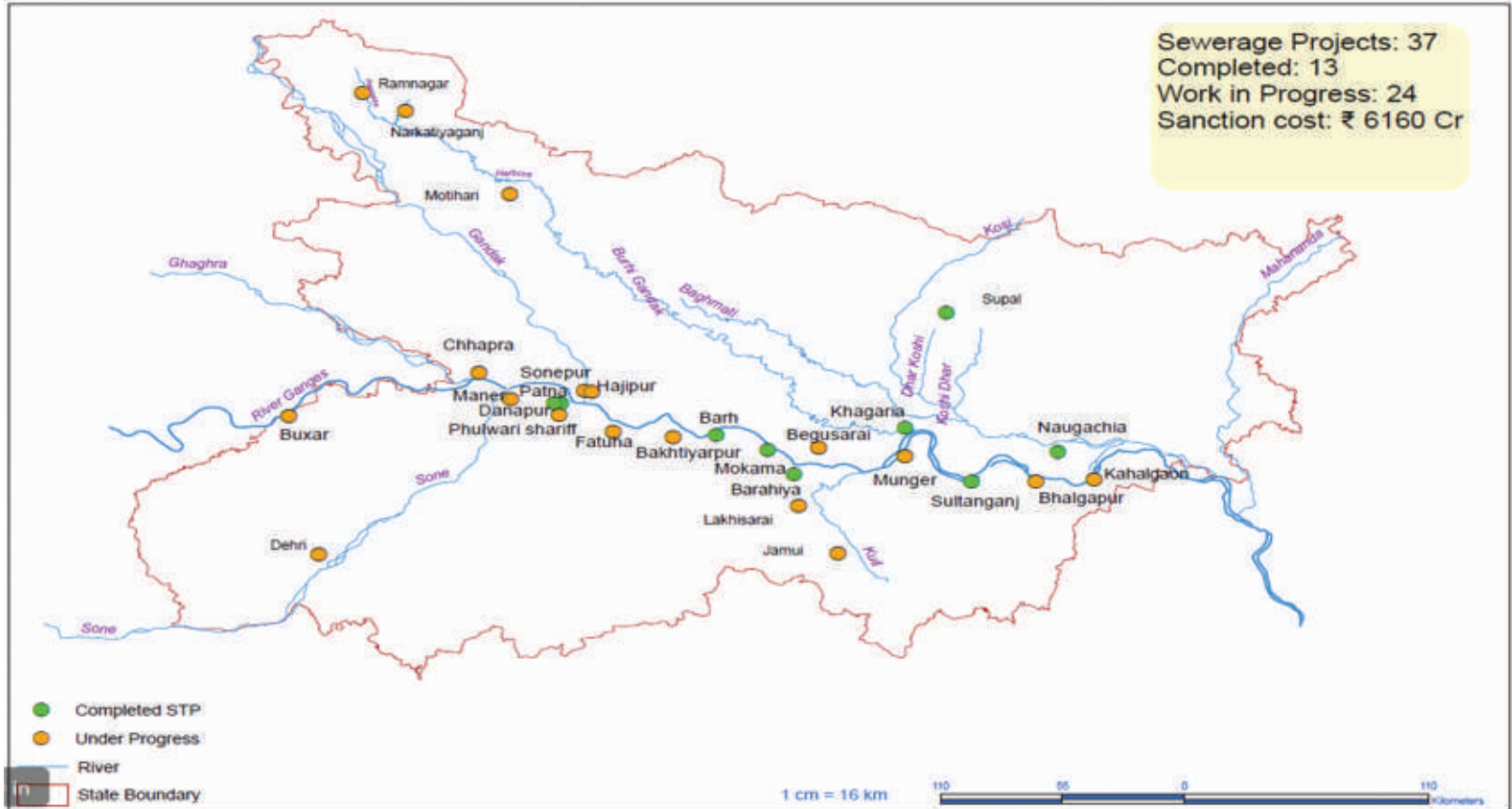
Bihar Map

NAMAMI GANGE

Sewerage Projects under Namami Gange in Bihar



Sewerage Projects: 37
Completed: 13
Work in Progress: 24
Sanction cost: ₹ 6160 Cr



Completed Projects in Bihar

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Completion Date
1	Sewage Treatment Plant - Karmalichak for Patna, Bihar	37	-	77.04	Oct-19
2	Sewage Treatment Plant - Beur for Patna, Bihar	43	-	68.16	Jul-20
3	Saidpur STP and adjoining Network for Patna, Bihar	60	55.10	184.90	Feb-21
4	Sewerage scheme at Pahari (Zone IVA(S)), Patna, Bihar	-	87.70	230.50	Jul-21
5	Interception, Diversion & Sewage Treatment Plant works at Sultanganj	10	-	60.22	Jan-22
6	I&D and STP for Barh town	11	-	61.52	Jun-22
7	I&D and STP scheme Sonapur	3.50	-	38.26	Aug-22
8	Sewerage Network for Beur	-	180	398.40	Nov-22
9	Saidpur Sewer Network for Saidpur	-	162	493	Dec-22
10	Sewerage system and network, Karmalichak	-	96.50	277.40	Feb-23
11	Sewerage Scheme at Pahari zone V	-	116	356.40	Feb-23
12	I&D and STP scheme of Naugachia	9	-	61.90	Feb-23
13	Sewage Treatment Plant at Pahari - Patna, Bihar	60	-	191.60	May-23
Total		233.50	697.30	2,499.30	

Projects Under Progress in Bihar

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Date of Sanction	Expected Completion Date
1	I&D and STP at Bakhtiyarpur	10	-	35.08	Dec-18	Oct-23
2	Mokama I&D and STP works	8	-	73.40	Feb-23	Oct-23
3	I&D and STP at Chhapra	32	18.95	236.15	Nov-18	Oct-23
4	Interception and Diversion (I&D) with STP at Maner, Bihar	6.50	3	41.36	Jan-19	Oct-23
5	Sewer Networks, SPS and STP at Munger	30	174.70	294.02	Mar-18	Dec-23
6	Danapur I & D and STP project	25	-	103.27	Feb-19	Feb-24
7	Interception and Diversion and STP works in Phulwarishariff	13	-	46.25	Feb-19	Feb-24
8	I&D and STP at Fatuha	7	-	35.49	Dec-18	Feb-24
9	Sewer Networks, SPS and STP at Hajipur	22	189.30	305.19	Mar-18	Feb-24
10	Sewerage System and STP for Digha zone, Patna (HAM)	100	303	824	Aug-17	Mar-24
11	Sewerage System and STP for Kankarbag zone, Patna (HAM)	50	150	578.89	Aug-17	Mar-24
12	Sewer Network, SPS and STP, Begusarai	17	114	230.06	Mar-18	Mar-24
13	I&D and STP works for Bhagalpur (HAM)	45	-	413.29	Nov-20	Mar-24
Total		365.50	952.95	3,216.45		

Projects Under Tendering in Bihar

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Date of Sanction	Current Status
1	I&D and STP Scheme for Kahalgaon	6	-	25.77	Dec-19	LoA issued.
2	I&D and STP Scheme for Barahiya	6	-	27.00	Dec-19	LoA to be issued.
3	I&D and STP Scheme for Dehri (Sone)	21	2.86	63.89	Dec-21	LoA issued.
4	I&D and STP Scheme for Supaul	12.1	5.74	57.09	Sep-22	Bids received and evaluation is in progress.
5	I&D and STP Scheme for Ramnagar	9	4.05	56.97	Sep-22	Bids received and evaluation is in progress.
6	I&D and STP Scheme for Narkatiyaganj	7	6.00	47.39	Oct-22	Under Tendering.
7	I&D and STP Scheme for Buxar	16	106.00	229.00	-	NMCG has agreed to fund STP and confirmation from state government is awaited for the sewer network portion.
8	I&D and STP Scheme for Motihari	23	6.50	149.16	Jan-23	Bids received and evaluation is in progress.
9	I&D and STP Scheme for Daudnagar	10.5	0.35	42.25	Jan-23	Bids received and evaluation is in progress.
10	I&D and STP Scheme for Lakhisarai	22	2.10	94.13	Mar-23	NIT Published.
11	I&D and STP Scheme for Jamui	13	1.50	77.39	Jul-23	Under Tendering
Total		145.60	135.10	870.04		

Photos of Operational Nirmal Jal Kendras (NJKs)/STPs in Bihar



Beur, Patna 43MLD NJK (STP)



Karmalichak, Patna 37MLD NJK (STP)



Pahari, Patna 60MLD NJK (STP)

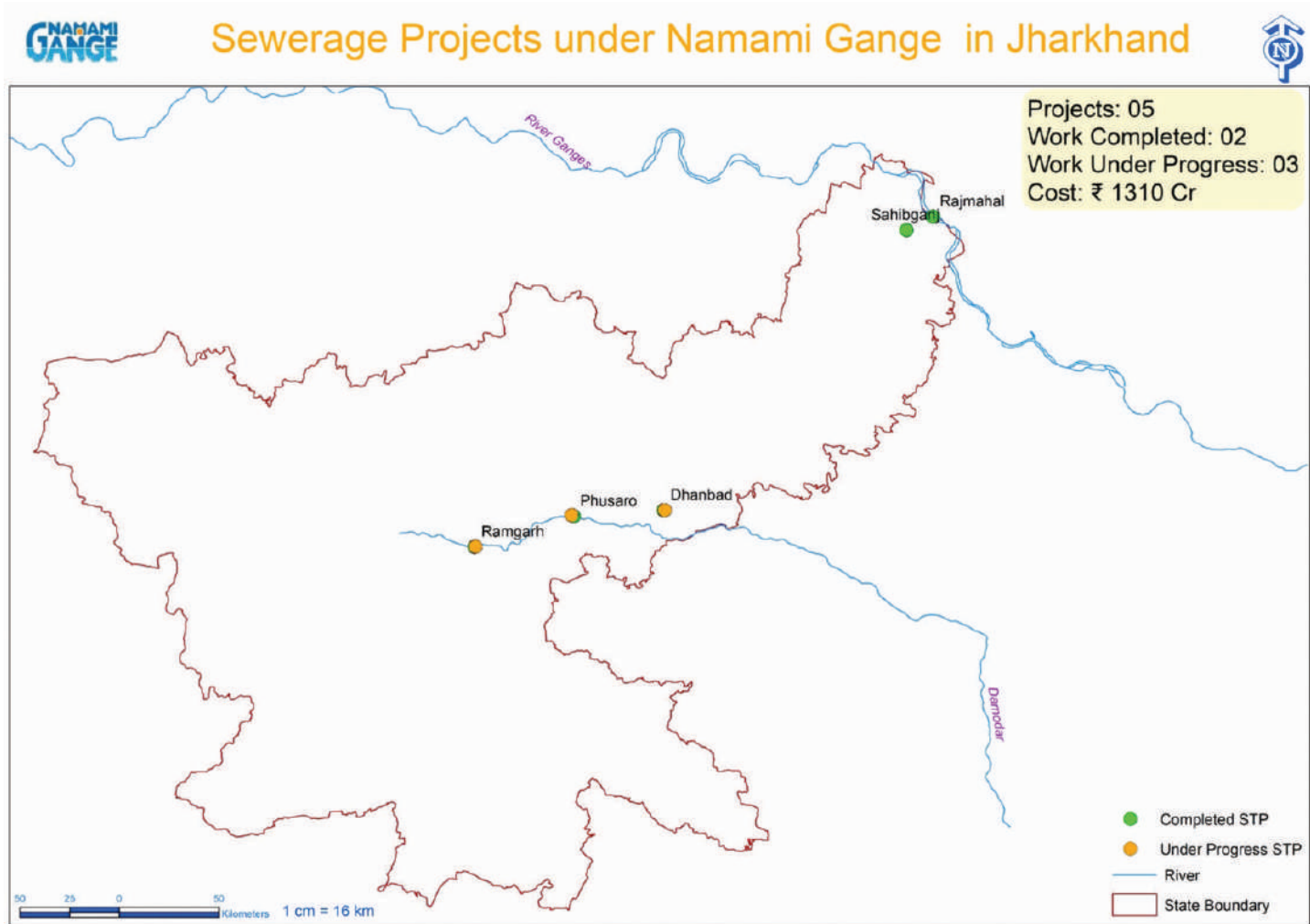


Maner, Patna 6.5MLD NJK (STP)



Chhapra 32MLD NJK (STP)

Jharkhand Map



Completed Projects in Jharkhand

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Completion Date
1	Sewerage Scheme & STP works at Sahibganj	12.00	55.00	99.36	May-19
2	Sewerage Scheme & STP works at Rajmahal	3.50	34.21	56.76	Jun-22
Total		15.5	89.21	156.12	

Projects Under Progress/Tendering in Jharkhand

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Date of Sanction	Current Status
1	I&D with STP at Phusro	15	0.65	61.05	Dec - 20	Awarded on 27.04.2023
2	I&D with STP at Ramgarh	40	36.20	284.80	Oct - 22	Bids received and evaluation is in progress.
3	I&D with STP at Dhanbad	192	27.50	808.33	Jan - 23	NIT Published
Total		247	64.35	1,154.18		

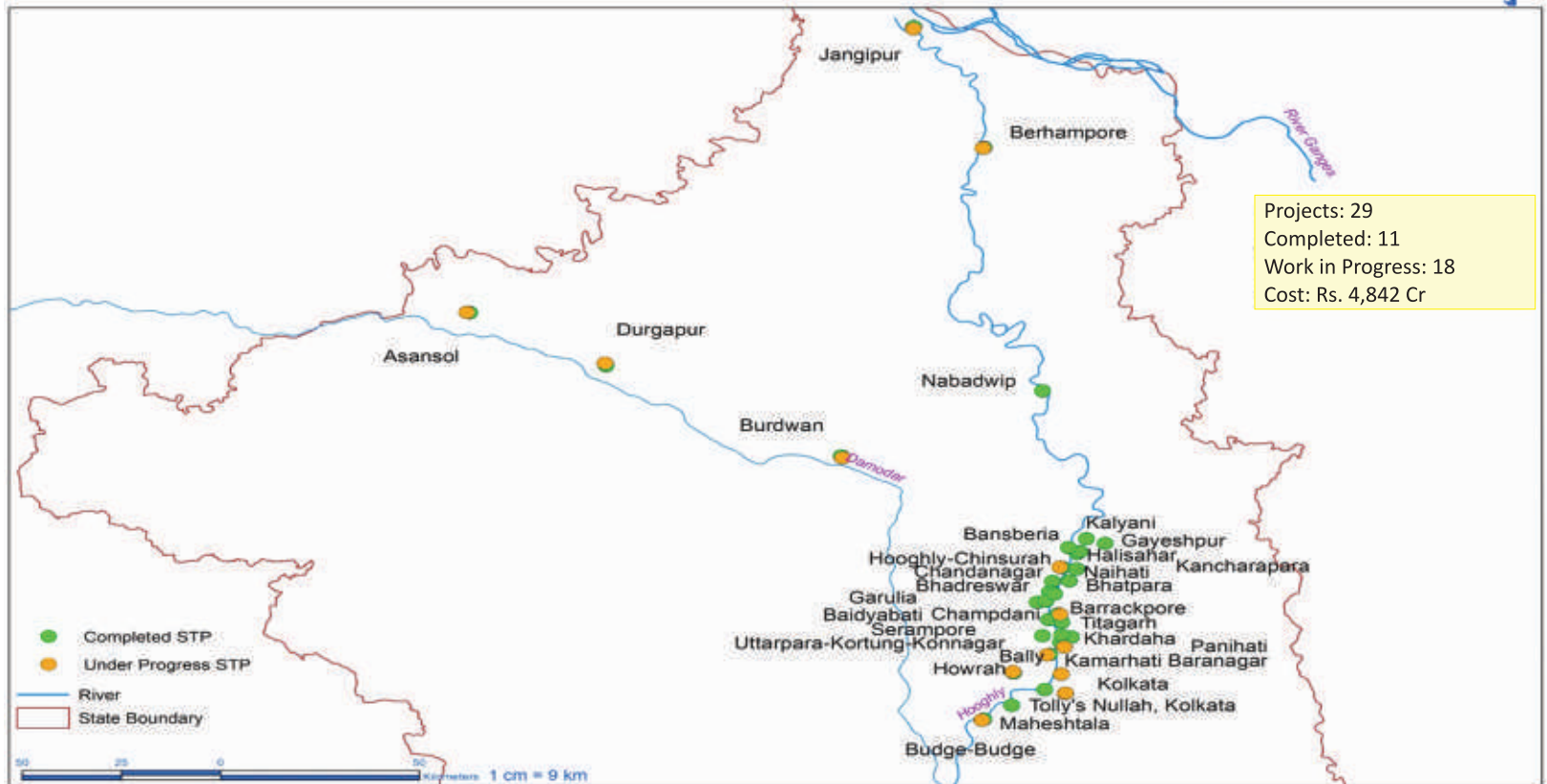


Operational 12 MLD Sahibganj NJK (STP)

West Bengal Map



Sewerage Projects under Namami Gange in West Bengal



Completed Projects in West Bengal

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Completion Date
1	Sewerage system & STP at Gayeshpur	8.23	61.00	168.70	Jan-17
2	Sewerage system & STP at Kalyani	21	46.33	57.87	Dec-17
3	Sewerage system & STP at Bhatpara	41	125.00	228.50	Nov-18
4	Sewerage System and STP at Budge-Budge	9.30	131.59	146.00	Mar-22
5	Interception & Diversion Network for existing drains falling in river Ganges including STP at Nabadwip Municipality	20	4.00	61.23	Apr-22
6	Sewerage scheme & STP Halishar	16	226.99	274.80	Jun-22
7	Sewerage system with Sewer network and STP –Barrackpore	24	247.14	272.30	Jun-22
8	Interception & Diversion with STP (Upgradation of existing 13 MLD STP to 18 MLD capacity) at Kancharapara	18	2.50	48.77	Jul-22
9	Rejuvenation of existing STPs alongwith lifting stations & pumping stations at Naihati, Garulia, Titagarh, Panihati & Titagarh-Bandipur at North 24 Parganas	57.20	17.50	65.54	Jul-22
10	Rejuvenation of existing STPs along with lifting stations & pumping stations at Chandanagar, Bansberia, Uttarpara-Kortung-Konnagar, Baidyabati, Bhadreswar-Hoogly	59.30	20.00	86.61	Jul-22
11	Design and Build of I & D structure. including Lock Gate and it's all appurtenant structures as well as allied works at Barrackpore Municipality, North 24 Parganas	-	-	0.93	Jul-22
Total		274.03	882.05	1,411.25	

Projects Under Progress in West Bengal

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Date of Sanction	Expected Completion Date
1	I&D works and STP at Arupara Howrah	65	-	595.72	Feb-21	Aug-23
2	I&D works and STP at Howrah, Bally,	40	-			
3	I&D works and STP at Kamarhati & Baranagar, Howrah	60	9.00			
4	Pollution Abatement works for River Ganga at Behrampore (Interception & Diversion)	3.50	5.25	51.21	Jan-18	Dec-23
5	Pollution Abatement Works for River Ganga at Raghunathganj Jangipur (Interception & Diversion with STP)	13	11.38	68.47	Jun-18	
6	Pollution Abatement works for River Ganga at Maheshtala-Municipal Town (Interception & Diversion with STP)	35	-	224.69	May-20	Jun-24
7	Pollution Abatement works for River Ganga at Hooghly Chinsurah (Interception & Diversion with STP)	26.50	20.00	154.73	Sep-20	Jun-24
8	Pollution Abatement Works for River Ganga at North Barrackpore (Interception and Diversion with STP)	38	10.36	214.78	Dec-21	Dec-24
Total		281.00	55.99	1,309.60		

Projects Under Tendering in West Bengal

S. No.	Project Name	STP Capacity (MLD)	Sewer Network (Km)	Sanctioned Cost (Rs. Cr.)	Date of Sanction	Current Status
1	Interception and Diversion Network for Drains including Pumping Stations and STP at Durgapur	80	11.39	287.53	Jan -19	AAES issued
2	Interception and Diversion Sewerage System & STP for Asansol & Kulti towns	95	4.50	384.96	Feb -19	AAES issued
3	Faecal Sludge Management for abatement of pollution in River Ganga at Burdwan	0.05	-	6.46	Jun -22	NIT Published
4	Pollution Abatement Works for River Ganga at Kolkata municipality. (Installation of New Penstock/construction of I & D structures Gates and Refurbishment of Existing Gates/I & D structures along the Bank	-	-	4.23	Sep - 22	Bid evaluation in progress
5	Pollution Abatement Works for River Ganga at Kolkata (Garden Reach)	65	-	289.02	Sep - 22	Bid evaluation in progress
6	Rehabilitation of existing STP Keorapukur	50	-	67.06	Oct -22	Bid Received
7	Abatement & Rehabilitation of River Adi Ganga	25.10	49.50	653.67	Jan -23	NIT Published
8	I & D with STP at Chakdaha	15	8.50	121.66	Mar -23	Bid due date - Nov-23
9	Interception and Diversion with STP at Krishnanagar Municipal Town in West Bengal	13.8	-	92.83	-	Approved in 51 st EC dtd. 12.10.2023
10	DPR for Integrated Septage Treatment Plant for Bansberia Municipality, West Bengal	0.015	-	7.09	-	Approved in 51 st EC dtd. 12.10.2023
Total		343.8	73.89	1910.3		

Photos of Operational Nirmal Jal Kendras NJKs (STPs) in West Bengal



Barrackpore 24 MLD NJK (STP)



Hrishihar 16 MLD NJK (STP)



Budge Budge 9.3 MLD NJK (STP)



Kalyani 21 MLD NJK (STP)



Bhatpara 41 MLD NJK (STP)

Summary of 67 Projects Taken up on Ganga Tributaries

S. No.	Tributary	No of Towns	Town Names	No of Projects	Sanctioned Cost (In Cr)	STP Capacity (MLD)
1	Yamuna	11	Delhi, Panipat, Sonapat, Agra, Mathura, Vrindavan, Baghpat, Firozabad, Etawah, Paonta Sahib, Kairana	23	4,366.45	1,828.57
2	Kali	4	Kasganj, Budhana, Kannauj, Meerut	4	859.86	246
3	Kosi	1	Ramnagar	1	55.06	8.5
4	Kosi	2	Supal, Naugachia	2	117.88	21.1
5	Ramrekha	1	Ramnagar	1	56.97	9
6	Karvan	1	Hathras	1	128.91	24
7	Kshipra	1	Ujjain	1	92.79	24.38
8	Harbora/ Pondai	1	Narkatiyaganj	1	47.39	7
9	Sone	1	Dehri, Daudnagar	2	106.14	31.5
10	Kanh & Saraswati	1	Indore	1	511.15	195
11	Burhi Gandak	1	Motihari	1	149.16	23
12	Bhela, Dhela, Kiccha, Kosi, Nandhore, Pilkhar	1	Udham Singh Nagar	1	199.36	30.3
13	Ram Ganga	2	Bareilly, Moradabad	3	720.13	146
14	Rispana & Bindal River	1	Dehradun	2	142.74	15
15	Suswa River	1	Dehradun	1	78.99	15
16	Gomti	3	Sultanpur, Jaunpur, Lucknow	5	1,105.81	279
17	Saryu	2	Faizabad, Ayodhya	2	259.33	33
18	Chambal	1	Kota	1	258.48	36
19	Damodar	4	Durgapur, Burdwan, Phusro, Ramgarh	5	1448.17	327.05
20	Damodar & Barakar	1	Asansol & Kulti	1	384.96	95
21	Dhamola/Hindon	1	Saharanpur	1	577.23	135
22	Hindon (Kali-West)	1	Muzaffarnagar	1	234.03	54
23	Krishni (Hindon)	1	Shamli	4	407.39	60
24	Kiul	2	Lakhisarai, Jamui	2	171.52	35
Total		45		67	12,479.90	3,678.40

Details of Projects on River Yamuna and its Tributaries

Himachal Pradesh-Completed Projects

S. No.	Project Name	Sanctioned Cost (Rs. In Cr.)	STP Capacity (MLD)	Sewer Network (Km)	Date of Completion
1	Sewerage Scheme for Zone-II and III of Paonta Town, Himachal Pradesh	11.57	1.72	-	Dec 21
Subtotal-Himachal Pradesh (Completed)		11.57	1.72	-	Dec 21

Haryana-Completed Projects

S. No.	Project Name	Sanctioned Cost (Rs. In Cr.)	STP Capacity (MLD)	Sewer Network (Km)	Date of Completion
1	Sewerage and Sewage Treatment Plant (STP) at Panipat	129.51	90	24.16	Jan 18
2	Sewerage and Sewage Treatment Plant (STP) at Sonapat	88.36	55	16.78	Jun 18
Subtotal – Haryana (Completed)		217.87	145	40.94	

Delhi-Completed Projects

S. No.	Project Name	Sanctioned Cost (Rs. In Cr.)	STP Capacity (MLD)	Sewer Network (Km)	Date of Completion
1	Rehabilitation of Rising Main, Delhi -YAP-III -Rithala zone (R1b)	45.4	-	6.42	Feb-21
2	Rehabilitation of Trunk Sewer No.5, Delhi -YAP-III - Kondli zone (K2)	83.4	-	7.61	Feb-21
3	Rehabilitation of Rising Mains, Delhi -YAP-III - Kondli zone (K4)	59.13	-	9.6	Dec-21
4	Rehabilitation of Trunk Sewer No.4, Delhi -YAP-III - Kondli zone (K1)	87.43	-	8.6	Mar-22
5	Construction of 318 MLD (70 MGD) WWTP with 10 years O & M on DBO basis at Coronation Pillar, Delhi	515.07	318	-	Mar-22
6	Rehabilitation of Trunk Sewers, Delhi -YAP-III -Rithala zone (R1a)	43.92	-	5.092	Aug-22
7	Rehabilitation and upgradation of Kondli Phase-I STP (45 MLD), Phase-II STP (114 MLD) & Phase-III STP (45 MLD)	240.00	204		July-23
Subtotal – Delhi		1,074.35	522	37.32	

Details of Projects on River Yamuna and its Tributaries

Delhi-Projects in Progress

S. No.	Project Name	Sanctioned Cost (Rs. In Cr.)	STP Capacity (MLD)	Sewer Network (Km)	Date of Completion
1	Rehabilitation and up-gradation of Phase-I STP (182 MLD), Delhi -YAP-III -Rithala zone (R2)	211.79	182	-	Dec-23
2	Construction of 564 MLD (124 MGD) Waste Water Treatment Plant (WWTP) at Okhla	665.78	564	-	Dec-23
Subtotal-Delhi (In Progress)		877.57	746	0	

Uttar Pradesh- Projects Completed

S. No.	Project Name	Sanctioned Cost (Rs. In Cr.)	STP Capacity (MLD)	Sewer Network (Km)	Date of Completion
1	Rehabilitation of Sewerage Infrastructure & Augmentation/Upgradation of STP (4MLD), Vrindavan	42.82	4	-	Feb-20
2	Firozabad Sewerage Scheme (Interception & Diversion) works	51.08	-	2.50	Jul-21
3	Sewerage Scheme (Interception & Diversion) works, Etawah	140.60	44.95	75.28	Feb-22
4	Rehabilitation/Renovation of Mathura sewerage scheme & Construction of STP at Mathura	460.45	67.30	-	Jun-22
5	Interception & Diversion and STP works of Baghpat Town	77.36	14.00	2.35	Dec-22
Subtotal-Uttar Pradesh (Completed)		772.31	130.25	80.13	

Uttar Pradesh- Projects in Progress

S. No.	Project Name	Sanctioned Cost (Rs. In Cr.)	STP Capacity (MLD)	Sewer Network (Km)	Date of Completion
1	Interception & Diversion works for Kairana Town, Distt-Shamli	78.42	15	-	Apr-24
2	Interception & Diversion with Rehabilitation of sewerage scheme at Agra	842.25	177.60	17.61	Mar-25
3	I&D and STP Works, Budhana	48.76	10	-	Dec-23
4	I&D and STP Works, Muzaffarnagar	234.03	44.5	-	Dec-23
Subtotal- Uttar Pradesh (In Progress)		1203.46	247.1	17.61	

Details of Projects on River Yamuna and its Tributaries

Uttar Pradesh Projects Under Tendering

S. No.	Project Name	Sanctioned Cost (Rs. In Cr.)	STP Capacity (MLD)	Sewer Network (Km)
1	Sewerage Scheme (I&D and STP Works for balance drains) at Mathura	292.56	60	11.26
2	I&D and STP Works, Chhata	56.15	6	2.17
3	I&D and STP Works, Kosi	66.59	12	0.03
4	I&D and STP Works, Vrindavan	77.70	13	0.6
5	I&D and STP Works, Saharanpur	577.23	135	16
6	I&D and STP Works, Hathras	128.91	24	-
7	I&D and STP Works, Banat, Shamli	48.71	5	-
8	I&D and STP Works, Babri & Bantikhera, Shamli	55.47	5	-
9	I&D and STP Works, Tahanabahwan, Shamli	97.19	10	-
10	I&D and STP Works, Shamli, Shamli	206.02	40	-
Subtotal-Uttar Pradesh (Under Tendering)		1,606.53	310	30.06
Total (Across All States)		5,763.66	2,102.07	206.06



Coronation Pillar, Delhi 318MLD STP



Okhla, Delhi 564 MLD NJK, STP

Industrial Pollution Control

For Industrial Pollution abatement, around 3,186 Grossly Polluting Industries (GPI) have been identified.

As on October 2023

Total GPIs Identified	3,186
Inspection Report Submitted for No. of GPIs*	3,184
No of GPIs Compliant	1,502
No of GPIs Non-Compliant	367
Show Cause Notice/ Compliance Direction Issued for Non Compliance of GPIs	323
Closure Notice Issued for Non-Compliance of GPIs	44

*GPIs are those industries discharging pollution load of BOD 100 Kg per day or more and/ or handling hazardous chemicals

Industrial Pollution Control

Industry Specific Intervention

Tannery

- Salt free tanning have been adopted in some of the tannery industries, which led to reduction of pollution at source.
- Reuse of treated water in tannery units as process water is being encouraged.

3 Tannery clusters in Ganga Main Stem-Jajmau, Banthar & Unnao

Jajmau
CETP Capacity: 20 MLD
Cost: Rs. 617 Cr.
Executing Agency: JTETA

Unnao
CETP Capacity: 2.6 MLD
Cost: Rs.107.21 Cr.

Banthar
CETP Capacity: 4.5 MLD
Cost: Rs.115.90 Cr.

Other Sectors

Paper and Pulp

Zero black liquor discharge achieved in paper and pulp industries. Estimated reduction in the freshwater consumption and effluent generation is about 75-80% as compared to 2012 levels.

Sugar

Effluent generation reduced from 400 to 200 litres per ton of cane crushed in Sugar sector.

Distillery

Zero liquid discharge achieved in molasses-based distillery.

Textile

Mathura Cluster
Up-gradation of 6.25 MLD existing CETP at Mathura Textile cluster has been sanctioned amounting Rs.13.87 Crore under the condition that industry has to contribute 25% of project cost and 100% O&M. The upgradation work has been completed and the plant is operational.

Pilkhuwa Textile Park
The SPV formed for the project has completed the upgradation work of 2.1 MLD CETP.

Transformational Initiatives Under Namami Gange

Governance for long-term sustainability of Sewerage Assets

Hybrid Annuity Based PPP model is used to undertake projects involving the construction of STPs and interception and diversion works, under the Namami Gange programme. A total of 32 projects in 27 towns/ cities have been sanctioned under HAM.

One city one operator model

- Shift towards a one-step solution for entire city
- Integration of new and existing sewerage treatment infrastructure under HAM model
- Single ownership and accountability for end-to-end operations
- Ensure continued performance for existing and new sewerage infrastructure



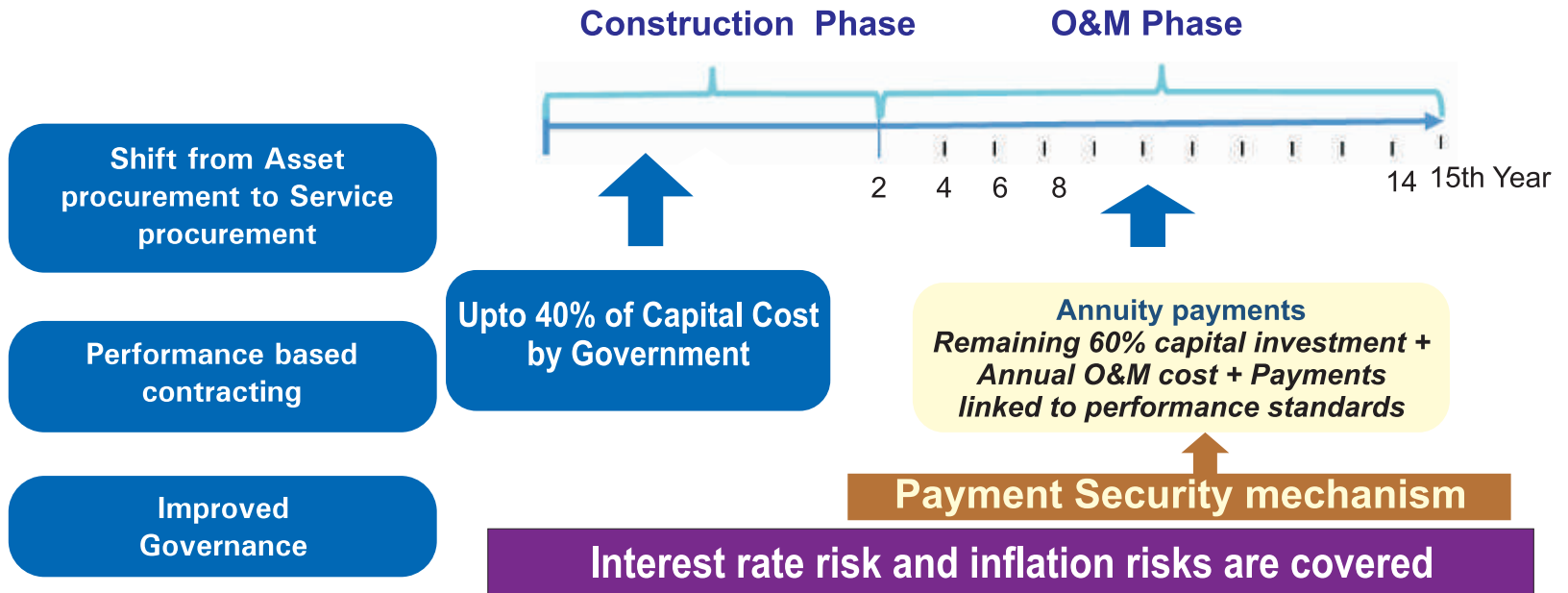
68 MLD STP, Jagjeetpur Haridwar

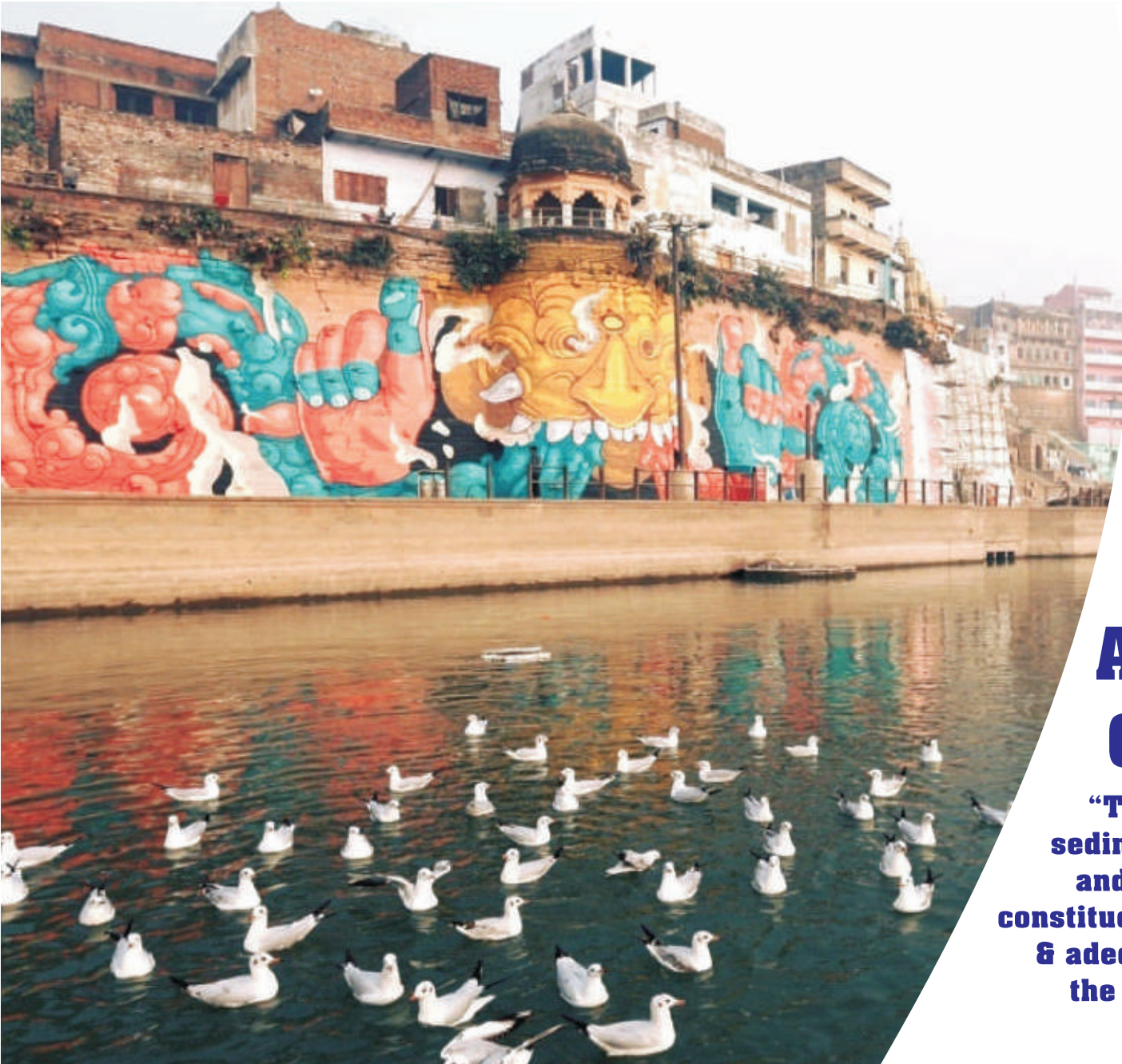


210 MLD STP Bhingawan. Kanpur

Transformational Initiatives Under Namami Gange

Hybrid Annuity Model (HAM model) for assurance of performance and sustainability of performance levels





AVIRAL GANGA

**“To ensure that
sediments, nutrients
and other natural
constituents are continuous
& adequate throughout
the river network”**

AFFORESTATION

Under the Namami Gange program, NMCG through the State Forest Departments has been implementing a Forestry Intervention Project in the Ganga river basin as per the DPR prepared by Forest Research Institute (FRI), Dehradun. The DPR proposed site-specific afforestation models along the banks of river Ganga in a total area of 1,34,104 hectares in five states of Uttarakhand, Uttar Pradesh, Bihar, Jharkhand, and West Bengal with an estimated cost of Rs. 2293.73 crores.

Coverage Area - So far 30,071 hectare plantation has been carried out under Namami Gange, for which an expenditure of Rs. 347.02 crores has been incurred by the State Forest Departments of Uttarakhand, Uttar Pradesh, Bihar, Jharkhand, and West Bengal from the year 2016-17 onwards.

States	2016-17 to 2021-22 (including Ganga Gram)	
	Area planted so far (in ha.)	Expenditure (Rs. In Cr.)
Uttarakhand	10356	128.54
Uttar Pradesh	8820	71.09
Bihar	7896	97.76
Jharkhand	884	26.25
West Bengal	2115	23.39
Total	30071	347.02

In addition plantation activities have also been undertaken in collaboration with State programmes like: Harela (Uttarakhand), Ganga Haritam Abhiyan (Uttar Pradesh), Har Parisar Hara Parisar (Bihar) and Van Mahotsav (Jharkhand &

West Bengal).

Mid-term evaluation of forestry plantations under Namami Gange was carried out by IIFM, Bhopal in 2021-22 to know the efficacy of the interventions in five Ganga States, indicates overall good survival rate and growth of the plants that was the result of good practices and adoption of suitable plantation models in natural, assisted and reconstructive Ganga riverscape / landscape.

Name of the State	Uttarakhand	Uttar Pradesh	Bihar	Jharkhand	West Bengal
Average Survival rate	83.62%	69.01%	61.46%	69.32%	73.63%

The Annual Plan of Operations (APOs) plantation and conservation works for the year 2022-23 have so far been approved for three States (Uttar Pradesh, West Bengal & Jharkhand)



BIODIVERSITY CONSERVATION

Science based species restoration programme taken-up in 5 mainstem Ganga States under Namami Gange Mission I, which has been extended to the entire Ganga basin under Namami Gange Mission –II.

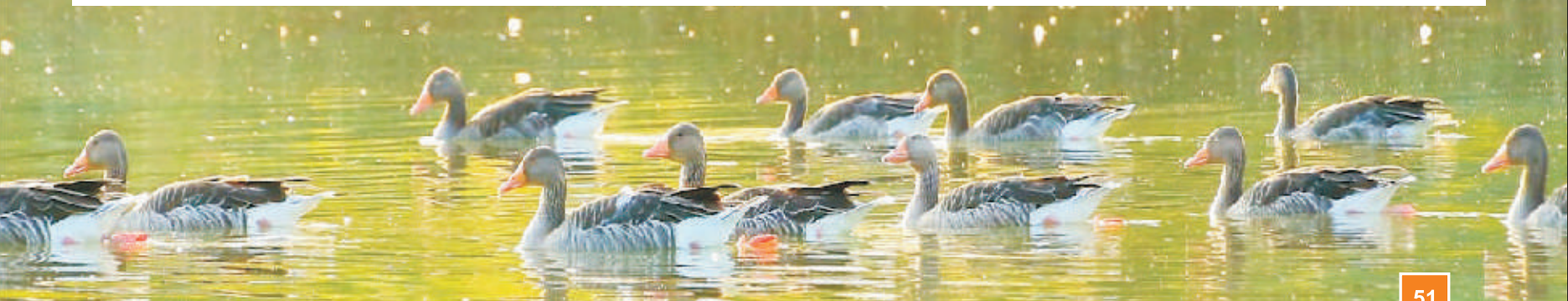
Collaboration with premier Institutes like, Wildlife Institute of India (WII), Dehradun, ICAR - Central Inland Fisheries Research Institute (CIFRI), Kolkata and Centre for Endangered Species, Kukrail, Lucknow, State Forest Department, U.P. as well with Turtle Survival Alliance India.

Studies taken-up:

- Profiling of aquatic and riparian biodiversity,
- Community based conservation programme for ecological restoration of aquatic wildlife
- Establishing rescue and rehabilitation centers
- Developing and implementing awareness programme for capacity building and livelihood enhancement
- Conservation activities of River Dolphin in Ganga are in progress through various initiatives under Namami Gange.

Projects undertaken for Biodiversity Conservation :

- Planning and management for aquatic species conservation and maintenance of ecosystem services in Ganga river basin
- Expanding conservation breeding program of freshwater turtles and Gharial at Kukrail Gharial Rehabilitation Centre, Lucknow
- Fish stock enhancement, including Hilsa, and livelihood improvement for sustainable fisheries and conservation in river Ganga
- Biodiversity of mainstem Ganga identified that the 6 stretches extending over 1,238 kms, constitute high biodiversity values (49%) and are considered as high priority areas.



Biodiversity Conservation - New Projects

■ New Projects sanctioned and taken up recently for biodiversity studies

- Establishment of Four Ganga Biodiversity Parks in Four Districts (Mirzapur, Bulandshahar, Hapur, Budaun) of Uttar Pradesh.
- Scientific exploration of floral diversity near the Ganga river banks for ethnobotanical purposes along with their conservation and economic development of the region via skill development programs in the region.
- Setting up of biodiversity park in Bijnor and Ayodhya districts, Uttar Pradesh.

■ Capacity Building Initiatives

- NMCG-TSA series organized training courses as "School in Aquatic Wildlife Biology & Conservation" for stakeholders, and students to get equipped with theoretical and practical knowledge. This shall provide capacity building and develop understanding for conserving Turtles of river Ganga basin in the Terai–Arc landscape including other species like dolphin, gharial and otters.



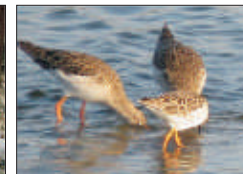
Biodiversity Conservation - NMCG Collaboration with Wildlife Institute of India

Planning & management for aquatic species conservation and maintenance of ecosystem services:

- Basin scale approach, including main stem Ganga and its major tributaries
- Profiling of aquatic and riparian biodiversity in Ganga riverscape at basin level
- Scale up of conservation & restoration actions in identified priority areas
- Germplasm conservation in/off stream zone for endemic species in Ganga
- Ecotoxicology, risks & awareness for change of approach among stakeholders
- Capacity building, education and outreach programs
- Record presence of aquatic birds, smooth otters, gharial, turtles and magar including river dolphin in its historical range
- Establish Rescue and Rehabilitation centers at strategic location
- Approved a MSc course in Fresh Water Ecology and Conservation Monitoring Centre at WII to be run by Ganga Aqualife Conservation Monitoring Centre

Outcome

- Better Ecosystem Services
- Institutional strengthening
- Training programme & Capacity Building for livelihoods opportunities
- Develop trained cadre as Ganga Prahari
- Dolphin Jalaj safari



Biodiversity Conservation - Background

Projects amounting to Rs 19.31 Cr sanctioned to CIFRI for assessment of fish and fisheries of the river Ganga.

Main objectives of the projects are:

- Assessment of fish and fisheries
- Stock assessment of selected fish species
- Identification of migratory fishes and range of migration
- Seed production (in-situ) of selected fish species and ranching in depleted river stretches
- Preparation of fisheries conservation and restoration plan
- Awareness programmes among the fishermen for conservation of depleted fish and Gangetic Dolphin all along river banks of Ganga



Biodiversity Conservation - Achievements

Achievements:

- Maximum number of fish species were recorded from Bijnor (N=95), Uttar Pradesh and Farakka (N=75), West Bengal
- Out of 190 fish species recorded, 12 are near threatened, 3 are endangered and 4 vulnerable
- CIFRI has developed a fish mapping of river Ganga on GIS platform
- Approximately 90,669 Hilsa brood fish were ranched in the upstream of the Farakka Barrage till July 2023 to restore it in its historical range
- A total of 93 lakhs of Indian Major Carp (IMC) fingerlings have been ranched in the Ganga since 2017 with a goal to conserve fish biodiversity, prey base for river Dolphin & ensure livelihood of fishers in Ganga basin
- During the period from April to June 2023, 20.52 lakhs fingerlings of IMC and 915 adult hilsa were ranched along with 14 awareness programmes. In addition, Mahaseer ranching has been undertaken in Uttarakhand
- Project costing Rs. 31.38 cr. sanctioned for Fish conservation and Stock Enhancement of Fishery of Ganga river basin.

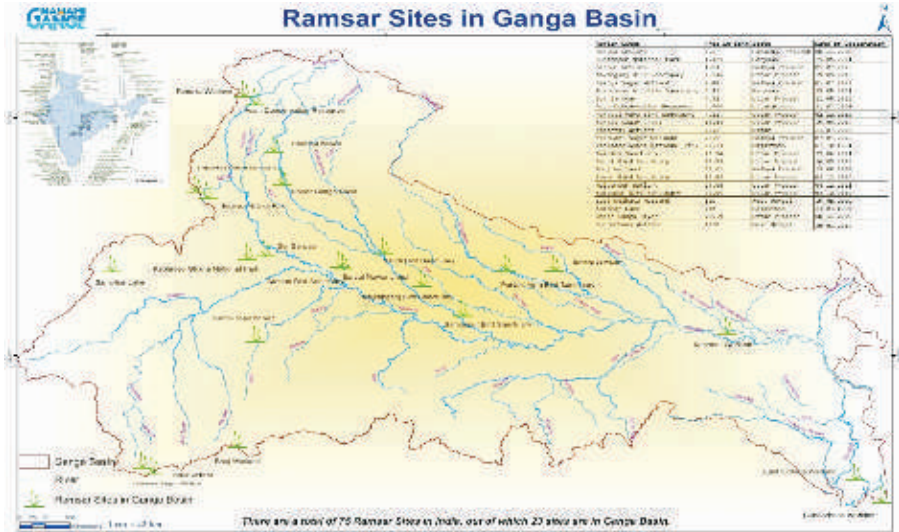


WETLAND CONSERVATION

Since 23 Ramsar sites feature in the Ganga Basin, out of a total of 75 Ramsar sites in India, Wetland conservation forms an integral component of Namami Gange Programme, under which projects amounting to Rs 12.53 crore were sanctioned.

The key initiatives undertaken include:

1. Project costing Rs. 4.16 crore sanctioned for wetland inventory assessment & management planning within 10 Kms of either side of the River Ganga in 27 districts of Uttar Pradesh
2. Project costing Rs. 2.51 Crore for wetland inventory assessment and management planning within 10 Kms. on either side of the main Ganga river channel in 12 districts in Bihar
3. Project costing Rs. 50 lakhs sanctioned for conserving & sustainably managing Udhwa Lake Bird Sanctuary, Sahibganj, Jharkhand
4. Developed a model Tool Kit with the help of the School of Planning & Architecture, New Delhi for Integrated management and rejuvenation of urban wetlands.
5. Project costing Rs. 5.36 cr. sanctioned for conserving and sustainably managing three priority wetlands in Kalewala Jheel, Muzaffarnagar District, Numaiya Dahi Jheel - Kheduva Taal, Prayagraj District and Dahtal Reoti wetland, Ballia District of Uttar Pradesh.





**ARTH
GANGA**
“Sustainable
development model
with a focus on
economic activities”

National Ganga Council Meetings, chaired by Hon'ble PM



1st NGC meeting held on 19th December 2019 at Kanpur, Uttar Pradesh



2nd NGC meeting held on 30th December 2022 at Kolkata, West Bengal

6 Key Verticals for Interventions under Arth Ganga

Zero Budget Natural Farming



- Chemical free ZBNF along 10 kms either side of river
- Increasing farmer's income & generating "more income per drop"
- "Gobar-Dhan"

Monetisation of Reuse of Sludge & Wastewater



- Treated wastewater
 - For revenue generation by ULBs
 - Industrial purposes
- Conversion of sludge into reusable products

Livelihood Generation Opportunities



- 'Ghat Main Haat'
 - Promotion of local Ganga basin products
- Capacity building of Ganga Praharis
- Creating Economic Bridge between people of Ganga basin and the River;

Public Participation



- Increased public participation
- Monthly Mandated Minuted Monitored meetings of DGCs
- Synergies with other Ministries/ State Departments

Culture Heritage & Tourism



- Emphasis on religious cultural heritage tourism
- Promotion of yoga, wellness, medical, adventure, eco tourism
- Regular Aartis by the river
- Cruise through community Jetties

Institutional Building



- Capacity enhancement for better water governance
- Long term sustenance of the projects

Key Highlights – Thrust on Natural Farming and Allied Areas

- **MoUs for the promotion of Natural Farming signed with**
 - (a) MoA&FW, Art of Living, and Patanjali
 - (b) MoU with Sahakar Bharati for setting up "Sahakar Ganga Grams signed on 16th August, 2022. They have formed 314 block level cooperative societies (FPOs) for capacity building and marketing of natural farming products. 10 such societies have been registered in Uttarakhand;
- **Series of Natural Farming Workshops** have been organized in coordination with State Agriculture Departments, NCONF, Art of Living & Sahakar Bharati - Workshops in Hastinapur (1.12.2022), Bijnor (25.01.2023), Saran (1.03.2023), Bhojpur (3.03.2023), Buxar (11.03.2023), Samastipur (15.03.2023), Purnea (18.03.2023), Katihar (19.04.2023), Bhagalpur (20.04.2023), Khagaria (21.04.2023), Sahebganj (28.04.2023), Bhagalpur (29.04. 2023).
- **Promotion of Millet Farming:**
 - 23rd December 2022- Workshop on Millets Farming titled: "Developing resilience of the vulnerable communities of the Ganga Basin for LiFE in the face of increasing climate change impacts" with WII, Dehradun
 - 24th January 2023 - Seminar on Millets for LiFE (Lifestyle for Environment): Developing climate resilient communities in Ganga Basin with WII, Dehradun



Workshop on Millets Farming (24.01.2023)



Farmers' Meet in Bulandshahar, UP (05.09.2022)

Key Highlights – Thrust on Monetization of Reuse of Sludge & Wastewater

- 20 MLD Mathura Tertiary Treatment Plant commissioned for supply of treated wastewater to IOCL's Mathura Refinery
- Published “National Framework for Safe Reuse of Treated Water”
- Centre for Excellence established in partnership with The Energy Research Institute (TERI)
- MoUs with Ministry of Power, Ministry of Railways, Ministry of Agriculture and Farmers Welfare signed in December 2022
- MoU with Patanjali - NMCG Team including representatives of Ministry of Fertilizers visited Patanjali to assess technical feasibility in March 2023

Tertiary Treatment Plant, Mathura



Key Highlights – Livelihood Generation Opportunities

- JALAJ Livelihood Model - Implementation in progress at 40 locations. To be replicated at 75 locations by Wildlife Institute of India (WII), Dehradun
- **Awareness and Marketing of Jalaj Center set up in Dilli Haat, INA**
- A district-wise presentation of the Project “Sustainable Economic Development of Ganga Districts linked to river conservation in 5 States viz. Uttarakhand, Uttar Pradesh, Bihar, Jharkhand & West Bengal” was made by IIM-IIT consortium to the concerned District Magistrates of 53 districts in March 2023 (via video conference mode)
- Launched ‘Ganga Bhog – Gangotri Se Ganga Sagar Tak’ to promote awareness on livelihood generation among locals; centered on the ‘5 Ms’ concept: Maa (mother), Mandir (temple), Mitti (land), Mahila (women) and Mota-anaj (millets)
- Project on ‘Capacity Building Programme for Leveraging Community and Local Resources Based on Technology’ with HESCO - various training programmes conducted at the village level
- ‘Ghat Par Haat’ campaign organized as a major activity under the Arth Ganga initiative to strengthen ‘river-people connect’.



Ghat pe Haat



Ganga Bhog – Gangotri Se Ganga Sagar Tak



Ghat pe Haat

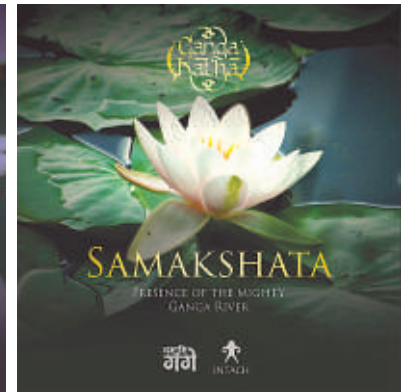
NAULA - Jalaj Kendra at Dilli Haat, INA, New Delhi



The layout

Key Highlights – Culture Heritage and Tourism

- All Ganga Basin districts were mapped for documenting architectural, natural and intangible cultural heritage under INTACH study
- Two publications on these aspects released, titled: Samagrata & Samakshata.
- 75 locations identified for promoting tourism during AKAM
- MoU signed with Ministry of Tourism, Ministry of Culture and IWAI (Ministry of Ports, Shipping and Waterways) on 23rd December 2022
- World's longest river cruise - MV Ganga Vilas flagged off by Hon'ble Prime Minister in Varanasi
- Inauguration of 11 community jetties in Varanasi & work orders issued for launch of 22 Jetties in Bihar and launch of 11 Jetties in West Bengal by IWAI
- Promotion of tourist circuits, development of Gangotri Dham (under PRASAD scheme), recreational activities
- Launched a Mobile Science Exhibition on Maa Ganga: On 12th January 2023 by Ministry of Culture for creating public awareness about conservation and restoration of the holy river



Key Highlights – Public Participation

- Cadre of Ganga Doots (45,000 nos.), Ganga Praharis (2,900 nos.) and Ganga Mitra (700 nos.) involved in public participatory activities
- A series of 14 Awareness & Aarti Training/Workshop are planned at Parmarth Niketan, Rishikesh, out of which the 3rd workshop was held from 24th to 26th August, 2023.
- Regular Ganga Aarti at several ghats (Uttakashi, Champawat, Dehradun, Bulandshshar, Chandauli, Buxar, Bhagalpur, Vaishali, Munger, Hooghly, North 24 Parganas, Purba Bardhaman etc.) conducted by District Ganga Committees, Ganga Doots & other trained volunteers by NMCG
- Promotion of Yoga on Ghat - “हर हफते होगा, घाट पे योगा”



Key Highlights – Institution Building

- Ganga Districts Performance Monitoring System and DGC 4M (Monthly, Mandated, Monitored and Minuted) meeting was launched by Hon'ble Minister of Jal Shakti on 6th April 2022. 1800+ DGC 4M meetings held so far
- For strengthening the District Ganga Committee, one dedicated person (DPO) to 139 DGCs and 4 SPMGs/SMCG (49 District Project Officers, 2 State Project Assistants & 2 Project Assistants onboarded since 1st June 2023)
- Indian Institute of Public Administration has been entrusted with the project “Blended Capacity Building Programme for Stakeholders of River Ganga, Phase-II”, after successful implementation of its Phase-I, sponsored by NMCG, DoWR, RD & GR, Ministry of Jal Shakti
- River Cities Alliance formed with 143 member cities including 1 international city for promoting River-centric Urban Planning
- MoUs signed with 50+ universities to foster awareness among the youth on water conservation in general and river rejuvenation in particular
- NMCG has taken the webinar series ‘Igniting Young Minds: Rejuvenating Rivers’ global. The 13th edition of the webinar series, now titled, ‘Igniting Young Minds: A Global Campaign’ was virtually organized on 8th July 2023 in collaboration with APAC News Network, with the objective of facilitating participation from ‘Young Water Sustainers to Build Tomorrow’s Global Sustainability Leaders’
- Niche Online Certification programmes organized with National Institute of Urban Affairs
- Hybrid trainings programmes organized with Centre for Science and Environment
- Web Based Tool Launched to monitor *Health Status of Urban Water Bodies*



The Hon'ble Union Minister for Jal Shakti, Shri Gajendra Singh Shekhawat in the 'Namami Gange: Universities Connect' event



The 13th edition of the webinar series, now titled, 'Igniting Young Minds: A Global Campaign'



Inception Meeting at IIPA, New Delhi

Training Workshops/Sessions on Occupational Health & Safety Audit / ESA

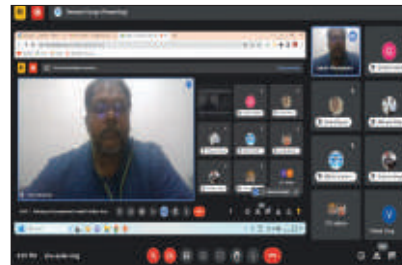
Components of OSHA

Review of implementation of Environmental and Safety Management framework of the NGRBA Program, Environmental

Verified compliance with Indian Standard Code of Practice on Occupational Safety and Health Audit

Workshops/Sessions on Occupational, Health & Safety Audit/ESA

- National Workshops held on **17-June-2022, 12-June-2023.**
- **Session on Occupational Health & Safety Audit/ESA:** Held under the chairmanship of Director General NMCG was held on 20th July 2023 at 04:00 PM through video conferencing. A total of 565 members joined through video conferencing and 24 members were present at Conference Hall, NMCG.
- **Safety Audits:** Multiple Safety Audits of sewerage projects Organized over the past 5 years.



National Workshop on OSHA on 17.06.2022



JAN GANGA

“To enhance public awareness, promote people river connect, large scale participation and involvement of community and common masses”

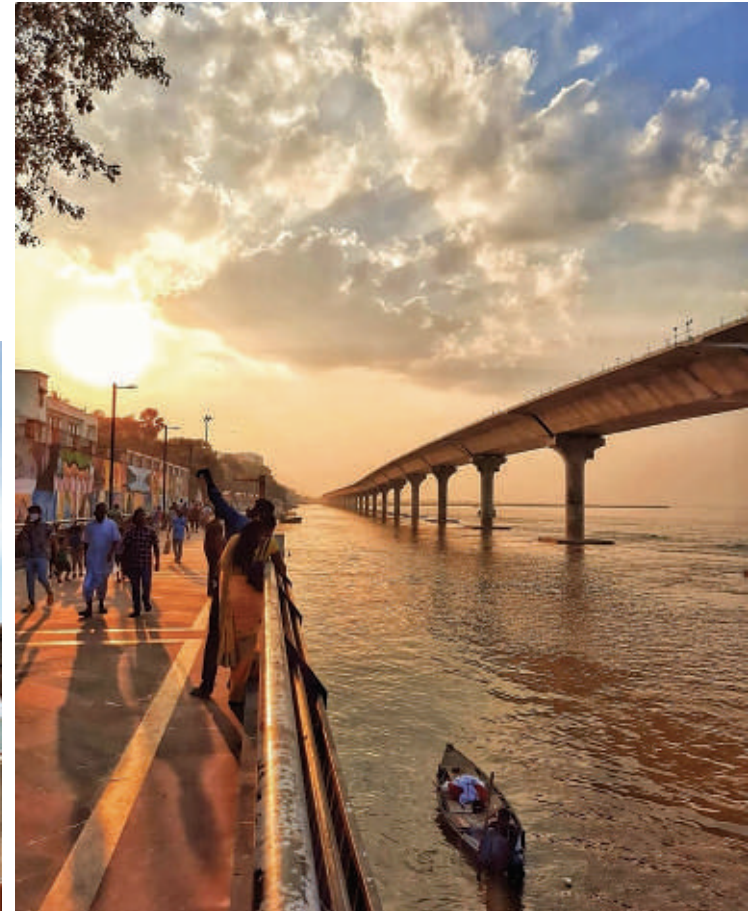
Jan Ganga: Patna River Front Development

Project Cost: Rs 336.73 Cr

Ghats: 16

Promenade- 4.9KM

Crematorium: 1



Ghats, Crematoria, Kunds and River Front Development

Ghats, Kunds, Crematoria and River Front Development Status

S. No.	State	No. of Projects	No. of Projects Completed	Proposed			Cost (Rs. Cr.)	Completed		Ongoing/Under Progress		Under Tendering		Expenditure incurred (till 31st Aug) (Rs. Cr.)
				Ghats	Crematoria	Total		Ghats	Crematoria	Ghats	Crematoria	Ghats	Crematoria	
1	Uttarakhand	21	13	33	27	59	329.44	25	26	4	1	4	0	234.55
2	Uttar Pradesh	24	20	112	15	127	466.78	102	15	2	0	8	0	293.40
3	Bihar	20	13	62	10	72	520.33	52	4	4	3	6	3	438.22
4	Jharkhand	4	4	13	3	16	62.07	13	3	0	0	0	0	47.20
5	West Bengal	9	5	14	6	20	45.33	13	3	1	2	0	1	26.33
6	Madhya Pradesh	3	0	3	1	4	100.03	0	0	3	0	0	0	3.14
	TOTAL	81	55	237	62	298	1523.98	205	51	14	6	18	4	1042.836

*No of Kunds Completed in Uttar Pradesh – 9 Nos.

Uttarakhand - Ghats and Crematoria

State	No. of Projects	No. Of			Sanctioned Cost (in Cr)	Status					
		Ghats (G)	Crematoria (C)	Total (T)		Completed		Under Progress		Under Tendering	
						G	C	G	C	G	C
NGP Projects	12	26	24	50	208.74	23	23	2	1	1	-
CGF	8	5	2	7	94.06	1	2	1	-	3	0
CSR	1	2	1	3	26.64	1	1	1	-	-	-
Total	21	33	27	60	329.44	25	26	4	1	4	0

Ghats

S. No.	District/ Town	Name of Ghat
1	Pauri Garhwal	Phool Chatti
2	Pauri Garhwal	Ramkund
3	Tehri Garhwal	Bharat Ghat
4	Tehri Garhwal	Kirtinagar -Old Ganga
5	Tehri Garhwal	Kirtinagar-New Ganga
6	Pauri Garhwal	Srinagar Nathani
7	Rudraprayag	Renovated Ghat-1
8	Rudraprayag	Renovated Ghat-2
9	Rudraprayag	Ghat-1 on Alaknanda D/S of Main Bridge (RHS)
10	Rudraprayag	Ghat-2 on Alaknanda D/S of Main Bridge (LHS)
11	Haridwar	Balawali
12	Haridwar	Chandi Ghat
13	Uttarkashi	Manokamna
14	Uttarkashi	Jad-Bharat
15	Uttarkashi	Kedar

Ghats

S. No.	District/ Town	Name of Ghats
16	Uttarkashi	Heena
17	Tehri Garhwal	Koteshwar
18	Uttarkashi	Nageshwar Dham
19	Rudraprayag	Koteshwar Mahadev
20	Rudraprayag	Karnprayag
21	Chamoli	Nandprayag Bathing Ghat 02
22	Maneri	Bathing Ghat
23	Khatima	Bathing Ghat- 1
24	Khatima	Bathing Ghat- 2
25	Haridwar	Mata Bal Kumari
26	Srinagar	Shardanath Ghat
CGF		
27	Haridwar	Har ki Pauri
28	Badrinath	Part A, F1 & G1
CSR		
29	Uttarkashi	Badrinath Bathing Ghat
30	Uttarkashi	Gangotri Bathing Ghat



Alaknanda LHS Ghat, Rudraprayag

Uttarakhand - Ghats and Crematoria

Crematoria

S. No.	District/ Town	Name of Crematoria
1	Pauri Garhwal	Phool Chatti
2	Pauri Garhwal	Sangam Ghat -Alaknanda
3	Tehri Garhwal	Sangam Ghat
4	Pauri Garhwal	Kirtinagar - Ufanda Village
5	Pauri Garhwal	Srinagar ITI
6	Pauri Garhwal	Srinagar Nathani
7	Rudraprayag	Mandakani River
8	Haridwar	Shampur
9	Haridwar	Bhogpur
10	Haridwar	Balawali
11	Haridwar	Chandi Ghat
12	Uttarkashi	Kedar
13	Uttarkashi	Heena
14	Tehri Garhwal	Koteshwar
15	Uttarkashi	Dunda
16	Rudraprayag	Gholtir
17	Chamoli	Gaucher
18	Chamoli	Karnprayag Crematoria
19	Chamoli	Umarkot
20	Chamoli	Nandprayag
21	Chamoli	Chamoli
22	Maneri	Cremation Ghat
23	Haridwar	Mata Bal Kumari

Crematoria

S. No.	District/ Town	Name of Crematoria
CGF		
24	Haridwar	Kankhal
25	Haridwar	Kharkhadi
CSR		
26	Uttarkashi	Gangotri Cremation Ghat



Village - Uffalda, Kirtinagar, Pauri District, on the banks of river Ganga

Uttarakhand - Ghats and Crematoria Photos



Shampur Crematorium, Haridwar



Chandi Ghat, Haridwar



Ramkund Ghat, Pauri Garhwal



Nathani Ghat, Srinagar



Renovated Ghat- 2, Rudraprayag

Uttar Pradesh - Ghats and Crematoria

State	No. of Projects	No. Of			Sanctioned Cost (in Cr)	Status					
		Ghats (G)	Crematoria (C)	Total (T)		Completed		Under Progress		Under Tendering	
						G	C	G	C	G	C
NGP Projects	19	102	12	114	393.05	94	12	0	0	8	-
CGF	5	10	3	13	73.73	8	3	2	0	-	-
Total	24	112	15	127	466.78	102	15	2	0	8	0

Ghats

S. No.	District/ Town	Name of Ghat
1	Bijnor	Bijnor (Barrage)
2	Muzzafarnagar	Shukratal
3	Bulandshahar	Ravani Katiri
4	Garhmukteshwar	VIP Ghat
5	Sambhal	Dhamarpura Ghat
6	Bulandshahar	Gandhi Ghat
7	Kanpur	Bhukailash Ashram Ghat
8	Kanpur	Bandimata ghat
9	Kanpur	Sarayan ghat
10	Kanpur	Seng ghat
11	Kanpur	Nanamau Ghat
12	Farukhabad	Panchla Ghat
13	Kanpur	Gola Ghat
14	Kanpur	Sarsiya Ghat
15	Kanpur	Bhairav Ghat
16	Kanpur	Guptar Ghat
17	Kanpur	Koyala Ghat
18	Kanpur	Makjain Ghat

Ghats

S. No.	District/ Town	Name of Ghat
19	Kanpur	Sidhnath Ghat
20	Kanpur	Bhagwatdas Ghat
21	Kanpur	Maskan Ghat
22	Kanpur	Parmat Ghat
23	Kanpur	Atal Ghat
24	Bithoor	Bhairav Ghat, Bithoor
25	Bithoor	Brahmavatar Ghat
26	Bithoor	Chappar Ghat
27	Bithoor	Laxman Ghat
28	Bithoor	Mahila & Tulsi Ram Ghat
29	Bithoor	Pandav Ghat
30	Bithoor	Pathar Ghat
31	Bithoor	Punchlameshwar Baradri Ghat
32	Bithoor	Sita Ghat
33	Bithoor	Rani Laxmi bai Ghat
34	Bithoor	Bharat Ghat
35	Bithoor	Kaushalya Ghat

Ghats

S. No.	District/ Town	Name of Ghat
36	Bithoor	Tuta Ghat
37	Fathehpur	Adampur Ghat
38	Fathehpur	Hajipur ganj Ghat
39	Fathehpur	Ramchandra Ghat
40	Fathehpur	Khusurupur Ghat
41	Raebareli	Sarak Ghat
42	Raebareli	VIP Ghat
43	Raebareli	Rani Shivala Ghat
44	Raebareli	Sankat Mochan Ghat
45	Raebareli	Mahabiran Ghat
46	Unnao	Ganga Mandir Ghat
47	Pratapgarh	Amethi Ghat
48	Pratapgarh	Ramjanki Ghat
49	Pratapgarh	Saraswati Ghat
50	Pratapgarh	Kila Tat Pucca Ghat
51	Kaushambi	Karra Dhab Ghat
52	Kaushambi	Asadpur Ghat
53	Kaushambi	Badanpur Ghat

Uttar Pradesh - Ghats and Crematoria

Ghats

S. No.	District/ Town	Name of Ghat
54	Prayagraj	Ramchaura Ghat
55	Prayagraj	Kali Maa Ghat
56	Prayagraj	Gau Ghat
57	Prayagraj	Rasulabad Ghat
58	Prayagraj	Balua Ghat
59	Prayagraj	Bargad Ghat
60	Ghazipur	Mahadev Ghat
61	Bulandshahar	Brighuashram
62	Varanasi	Prabhu Ghat
63	Varanasi	Bhadaini Ghat
64	Varanasi	Janaki Ghat
65	Varanasi	Anandmai Ghat
66	Varanasi	Badrinarayan Ghat
67	Varanasi	Gola Ghat
68	Varanasi	Trilochan Ghat
69	Varanasi	Naya Ghat
70	Varanasi	Ram Ghat
71	Varanasi	Nishadraj Ghat
72	Varanasi	Gai Ghat
73	Varanasi	Bundiparkota Ghat
74	Varanasi	Mansarovar Ghat
75	Varanasi	Jain Ghat
76	Varanasi	Sankatha Ghat
77	Varanasi	Pandey Ghat
78	Varanasi	Lal Ghat
79	Varanasi	Kedar Ghat
80	Varanasi	Chauki Ghat
81	Varanasi	Jatar Ghat
82	Varanasi	Sakka Ghat
83	Varanasi	Telianala Ghat

Ghats

S. No.	District/ Town	Name of Ghat
84	Varanasi	Raja Gwalior Ghat
85	Varanasi	Narad Ghat
86	Varanasi	Sheetala Ghat
87	Varanasi	Nandeshwar Ghat
88	Hapur	Pooth Ghat
89	Jaunpur	Bajrang Ghat
90	Jaunpur	Hanuman Ghat
91	Prayagraj	Interconnection
92	Prayagraj P-1	Interconnection
93	Prayagraj P-2	Interconnection
94	Bulandshahar	Additional work Brighuashram
95	Fatehpur	Nageshwar Dham
96	Prayagraj	Dashashmedh Ghat
97	Prayagraj	Quila Ghat
98	Prayagraj	Naukayan Ghat
99	Prayagraj	Gyan Ganga Ghat
100	Prayagraj	Saraswati Ghat
101	Prayagraj	Maheva Ghat
102	Prayagraj	Rasulabad Ghat
CGF		
103	Mirzapur	Nar Ghat
Ghats		
S. No.	District/ Town	Name of Ghat
104	Mirzapur	Pukka Ghat
105	Mirzapur	Ganga Ram Ghat
106	Mirzapur	Oliyur Ghat
107	Mirzapur	Bariya Ghat
108	Mirzapur	Kacheri Ghat
109	Mirzapur	Gau Ghat

Ghats

S. No.	District/ Town	Name of Ghat
110	Mirzapur	Fatah Ghat
111	Bulandshahar	Karanwas Ghat
112	Jaunpur	Additional work

Crematoria

S. No.	District/ Town	Name of Crematoria
1	Bulandshahar	Rajghat Crematorium
2	Kanpur	Bandimata Crematorium
3	Kannauj	Mehandi Crematorium
4	Kanpur City	Bhairav Crematorium
5	Kanpur City	Bhagwatdas Crematorium
6	Bithoor	Balu Crematorium
7	Kanpur	Dhonri Crematorium
8	Fatehpur	Mainpuri Ghat Crematorium
9	Pratapgarh	Manikpur Ghat Crematorium
10	Prayagraj	Rasulabad Crematorium
11	Prayagraj	Kanhaiyapur Crematorium
12	Badaun	Kachla Crematorium
CGF		
13	Mirzapur	Chauba Crematorium
14	Mirzapur	Ram Gaya Crematorium
15	Mirzapur	Bhagaon Crematorium

Uttar Pradesh - Ghats and Crematoria Photos



Bhairav Ghat, Kanpur



Ravani Katiri Ghat, Bulandshahar



Ganga Mandir Ghat, Garhmukteshwar



Hajipurganj Ghat, Fatehpur



Brighuashram Ghat, Bulandshahar



Atal Ghat, Kanpur

Bihar - Ghats and Crematoria

State	No. of Projects	No. Of			Sanctioned Cost (in Cr)	Status					
		Ghats (G)	Crematoria (C)	Total (T)		Completed		Under Progress		Under Tendering	
						G	C	G	C	G	C
NGP Projects	16	51	8	59	476.62	43	3	2	2	6	3
CGF	4	11	2	13	43.71	9	1	2	1	-	-
Total	20	62	10	72	520.33	52	4	4	3	6	3

Ghats

S. No.	District/ Town	Name of Ghat
1	Hajipur	Chawni Mandir Ghat
2	Hajipur	Bhutandas Ghat
3	Hajipur	Sidhi Ghat
4	Sonepur	Pul Ghat North
5	Sonepur	Pul Ghat Connect
6	Sonepur	Pul Ghat South
7	Sonepur	Naulakha Ghat
8	Sonepur	Pul Ghat (4 Nos.)
9	Sonepur	Kali / Harihar Nath Ghat
10	Buxar	Sati Ghat
11	Buxar	Gola Ghat
12	Buxar	Ramrekha Ghat
13	Buxar	Nath Baba Ghat
14	Buxar	Mahadev Ghat
15	Munger	Karbala Ghat
16	Munger	Dumantha Ghat
17	Munger	Babua Ghat
18	Danapur	Ramjichak Bathing Ghat
19	Danapur	Nasriganj
20	Danapur	Janardan Ghat
21	Muzaffarpur	Sikandarpur Ghat

Ghats

S. No.	District/ Town	Ghat
22	Muzaffarpur	Sidhi Ghat
23	Muzaffarpur	Chandwara Ghat
24	Gopalganj	Dumariya Ghat
25	Gopalganj	Bridge Ghat
26	Vaishali	Chechar Ghat
27	Katihar	Manihari Bathing Ghat-1
28	Katihar	Manihari Bathing Ghat-2
29	Buxar	Additional work of Nath Baba Ghat
30	Vaishali	Renovation of Old Ghats
31	Sonepur	Promenade (Walkway)
32	Saran	Atal Ghat Manjhi
CGF		
33	Chhapra	Aami Ghat
34	Chhapra	Pipra Ghat
35	Chhapra	Moksdham (Reval Ganj) Ghat
36	Chhapra	Sitabdiyara Ghat
37	Chhapra	Nathbaba Ghat
38	Chhapra	Bengali Baba Ghat
39	Chhapra	Doriganj Ghat

Bihar - Ghats and Crematoria

Ghats

S. No.	District/ Town	Name of Ghat
40	Chhapra	Malkachak Ghat
41	Sultanganj	Balu Ghat
42	Sultanganj	Balu Ghat- 1
43	Begusarai	Simariya Bathing Ghat

19 Ghats in RFD Patna: 43+19=62



Balu Ghat Crematorium, Sultanganj

Crematoria

S. No.	District/ Town	Name of Crematoria
1	Hajipur	Konhara Crematorium
2	Danapur	Ramjichak Crematorium
3	Danapur	Janardhan Ghat Crematorium
4	Gopalganj	Conventional Crematorium
5	Gopalganj	Electric Crematorium
6	Vaishali	Chechar Crematorium
7	Katihar	Manihari Cremation Ghat
8	RFD Patna	Crematoria
CGF		
9	Sultanganj	Balu Ghat
10	Begusarai	Simariya Cremation Ghat



Pul Ghat, Sonapur



Balu Bathing Ghat, Sultanganj



Walkway Connecting Ghats, Sonapur

Jharkhand – Ghats and Crematoria

S. No	State	No. of Projects	No. Of			Sanctioned Cost (in Cr)	Status					
			Ghats (G)	Crematoria (C)	Total (T)		Completed		Under Progress		Under Tendering	
							G	C	G	C	G	C
Sanctioned Projects		4	13	3	16	62.07	13	3	0	0	0	0

Ghats

S. No.	District/ Town	Name of Ghat
1	Sahibganj	Mukteshwar Dham
2	Sahibganj	St. Xavier Ghat/ Madan Mohan Ghat
3	Sahibganj	Kusum Ghat
4	Sahibganj	Maskalaiya Ghat
5	Sahibganj	Sarkanda Ghat
6	Sahibganj	Bijli Ghat
7	Sahibganj	Ferry Ghat
8	Rajmahal	Mangal Haat Ghat
9	Rajmahal	Mahajan toli to Ram Ghat
10	Rajmahal	Kali Ghat to Kasim Bazar Ghat
11	Rajmahal	Ferry Ghat
12	Rajmahal	Singhidalan Ghat
13	Rajmahal	Kanhaiyasthan

Crematoria

S. No.	District/ Town	Name of Crematoria
1	Sahibganj	Maskalaiya
2	Sahibganj	Munilal Ghat
3	Rajmahal	Madhusudan Colony Crematorium



Mangalhat Ghat, Rajmahal



Sarkanda Ghat, Sahibganj



Maskalaiya Cremation Ghat, Sahibganj

West Bengal - Ghats and Crematoria

State	No. of Projects	No. Of			Sanctioned Cost (in Cr)	Status					
		Ghats (G)	Crematoria (C)	Total (T)		Completed		Under Progress		Under Tendering	
						G	C	G	C	G	C
NGP	5	9	4	12	16.77	9	3	0	0	0	1
CGF	4	5	2	7	28.56	4	0	1	2	0	0
Total	9	14	6	20	45.33	13	3	1	2	0	1

Ghats

S. No.	District/ Town	Name of Ghat
1	Garulia	Ratneswar
2	Garulia	Babu Ghat
3	Garulia	Giris Ghat
4	Garulia	Rasiklal
5	Garulia	Sideswari
6	Garulia	Old Burning
7	Garulia	Jalipara
8	Garulia	Thakurbari
9	Garulia	Kangali
CGF		
10	Katwa	Ballavpara Jetty
11	Kalna	Ferry Ghat
12	Agradwip	Narshkumar & Military Ghat
13	Agradwip	Ferry Ghat
14	Nabadwip	Prabhupada Ghat

Crematoria

S. No.	District/ Town	Name of Crematoria
1	Garulia	Garulia Electric Crematorium
2	Naihati	Naihati Electric Crematorium
3	Bhatpara	Bhatpara Electric Crematorium
4	Barrackpore	Barrackpore Electric Crematorium
CGF		
5	Nadia	Kalyani Crematorium
6	Murshidabad	Kaliganj Crematorium



Ratneswar Electric Crematorium, Garulia



Babu Ghat, Garulia

Madhya Pradesh - Ghats and Crematoria

State	No. of Projects	No. Of			Sanctioned Cost (in Cr)	Status					
		Ghats (G)	Crematoria (C)	Total (T)		Completed		Under Progress		Under Tendering	
						G	C	G	C	G	C
NGP	1	1	0	1	31.88	0	3	1	0	0	0
CGF	2	2	1	3	68.15	0	0	2	1	0	0
Total	3	3	1	4	100.03	0	0	3	1	0	0

Ghats

S. No.	District/ Town	Name of Ghat
1	Chitrakoot	Bathing Ghat
2	Mandsaur	Bathing Ghat
3	Mandsaur	Idol Immersion Ghat

Crematoria

S. No.	District/ Town	Name of Crematoria
1	Mandsaur	Crematorium

7th India Water Week 2022

On 1st November 2022, during the 7th India Water Week 2022, NMCG organized a session on Ganga Rejuvenation aligned with UN Sustainable Development Goals. NMCG had set up the Namami Gange Pavilion, which was inaugurated by Shri Gajendra Singh Shekhawat, Hon'ble Union Minister of Jal Shakti and Ms. Maryprisca Winfred Mahundi (MP) Hon'ble Dy Minister of Water, Tanzania in the presence of DG, NMCG and other NMCG officials



Ganga Utsav 2022

National Mission for Clean Ganga (NMCG) organized Ganga Utsav - The River Festival 2022 on 4th November 2022 at New Delhi in two sessions. Shri G. Kishan Reddy, the Hon'ble Union Minister for Culture & Tourism; DoNER was the Chief Guest in the morning session in the gracious presence of Shri Bishweswar Tudu, the Hon'ble Minister for State, Jal Shakti and Tribal Affairs, H.E. Freddy Svan, Royal Danish Ambassador to India, Sh. Sriram Vedire, Advisor, Ministry of Jal Shakti.



World Water Day

To mark the occasion of World Water Day on 22nd March, National Mission for Clean Ganga (NMCG) organized a cleanliness drive at Kalindi Kunj ghat on Yamuna in the National Capital on 25th March 2023.



UN Water Conference 2023

Hon'ble Union Minister of Jal Shakti, Shri Gajendra Singh Shekhawat delivered the keynote address at a panel discussion on 'Namami Gange - an integrated and holistic approach towards conservation and rejuvenation of River Ganga and its ecosystem' organized by National Mission for Clean Ganga (NMCG) during the UN Water Conference 2023 at United Nations Headquarter, New York on 23rd March 2023.



NMCG's participation during G20 event

National Mission for Clean Ganga (NMCG) set up an exhibition at the second G20 Environment and Climate Sustainability Working Group (ECSWG) held from 27th to 29th March 2023 at Gandhi Nagar in Gujarat. NMCG also set up an exhibition showcasing the various achievements under the Namami Gange Programme. The NMCG exhibition was visited by several dignitaries and received praise from various quarters for working positively towards Rejuvenation of river Ganga in India.



World Bank visit to review the transformational impact of the Namami Gange projects

The progress of the World Bank projects is reviewed internally by NMCG on regular basis and semi-annually by the Implementation Support Missions led by the World Bank. The implementation support missions are scheduled with the objective to:

- (i) Review the implementation progress of various activities under the project with participating States and executing agencies and agree on concrete and realistic actions to accelerate implementation.



- (ii) Review the monitoring and evaluation of project activities including the status of results framework; and
- (iii) Update the status of pipeline of infrastructure investments.

A meeting was held on 5th August 2023 in Agra, Uttar Pradesh as part of a visit of Executive Directors of the World Bank to understand the transformational impact of the Bank's projects in the country. Director General, NMCG, Mr. G. Asok Kumar gave a detailed presentation on Namami Gange to Executive Directors of the World Bank. The EDs represent over 100 countries around the world. Mr. Auguste Kouame, Country Director, World Bank, India was also present on the occasion.

NMCG's Participation in Stockholm World Water Week 2023

National Mission for Clean Ganga officials participated virtually in the World Water Week 2023

World Water Week is a prominent global event organized by the Stockholm International Water Institute (SIWI) which brings together experts, policymakers, researchers, practitioners, and stakeholders from around the world to discuss and address various water-related challenges. The event was held from 20 to 24th of August 2023.

The sessions in which NMCG organized/participated are :

- Water Quality Management: Lessons Learned from India – along with Physikalisch Technische Bundesanstalt (PTB), Germany
- Breaking with Business as Usual: Sanitation Innovations in the Asia-Pacific – along with Asian Development Bank (ADB), Japan Sanitation Consortium (JSC), Asia Pacific Water Forum (APWF) and Bill & Melina Gates Foundation)
- Peer Networking for Integrated River Basin Planning and Management – along with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Germany
- Addressing Water Security Challenges in the Himalayan Region – along with International Water Management Institute (IWMI) and US Department of States



CLEAN GANGA FUND (CGF)

An initiative under Namami Gange which offers the general public a special platform for participation in the noble cause of Ganga rejuvenation. CGF was established as a trust under the Indian Trusts Act, 1882. The trust is chaired by Hon'ble Finance Minister.

Objectives:

- To support the national effort of rejuvenation of river Ganga through public participation
- To set up a reliable and credible institution for the individuals, institutions, corporates, NRIs, PIOs to contribute.

Summary of Completed Projects			
Project-Category	Number of Projects	Sanctioned Cost (Rs. Cr.)	Completion Cost (Rs. Cr.)
Afforestation	5	87.83	65.08
In-situ Bioremediation	3	7.37	1.96
Ghat Works/ RFD	6	112.6	93.83
Total	14	207.8	160.87

- To act as a catalyst in bringing innovation and technological know-how in river rejuvenation
- To re-establish the river, connect with common public and thereby making it as a mass movement (Jan Andolan)

Summary of Ongoing Projects

Sr. No.	Project	Sanction date	Sanctioned Cost (Rs. Cr.)
1	Development Works at Fatah Ghat and Bhagaon Crematorium, Mirzapur	04.06.2021	19.24
2	Development of Balu Ghat-1 at Sultanganj, Bihar	01.11.2021	6.21
3	Development of Ghat and Crematoria at Simarya, Barauni, Bihar	08.11.2021	11.92
4	Development of Karnwas Bangar Ghat, Bulandshahar, Uttar Pradesh	03.03.2021	3.21
5	Development work at Gaurikund, Rudraprayag, Uttarakhand	05.03.2018	0.96
	Total		41.54

District Ganga Committee (DGC)

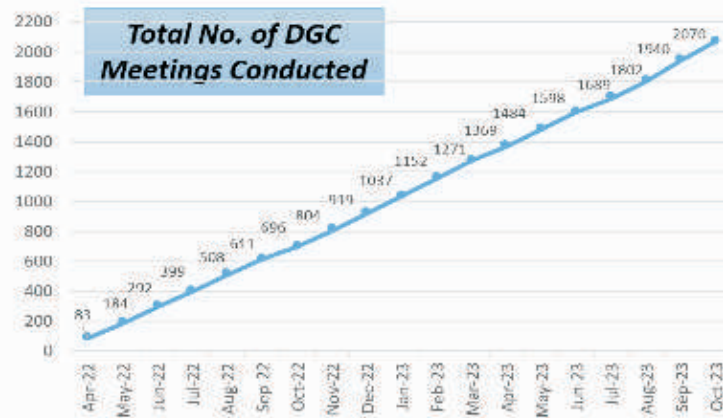
Launch of GDPMS and DGC 4M –Apr'22

- Authorities order dt. 7.10.2016 issued by Government of India under Environment (Protection) Act, 1986, creates mechanism of State Ganga Committees (SGCs) & District Ganga Committees (DGCs) for addressing challenge of pollution abatement & rejuvenation of R. Ganga.
- DGC 4M (Monthly, Mandated, Minuted and Monitored meeting) meetings and the Digital Dashboard for Ganga Districts Performance Monitoring System (GDPMS), a dedicated portal for District Ganga Committees (DGCs) were launched by Hon'ble Minister of Jal Shakti on 06th April,2022.
- Regular meetings of SGCs and DGCs are taking place under the chairmanship of respective Chief Secretaries and the DMs respectively on aspects of Ganga rejuvenation.
- Between Apr-2022 to Oct-2023, a total of 2070 Monthly Meetings were conducted and minutes of all Meetings are uploaded in the portal



DGCs on main stem and on tributaries of river Ganga

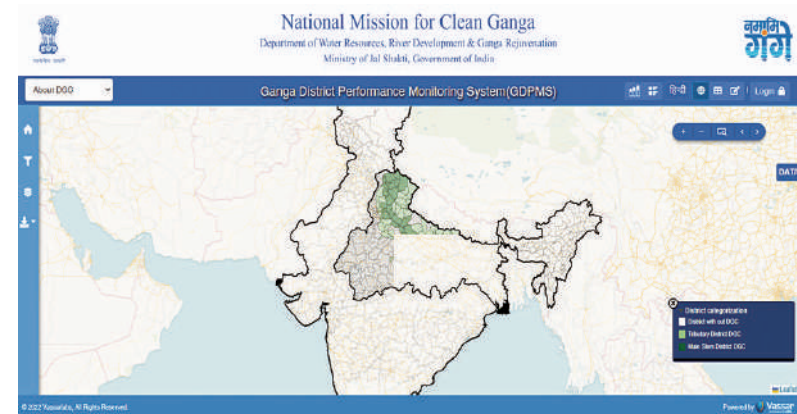
State	No. of Districts	
	Main Stem	Tributaries
Uttarakhand	7	6
Uttar Pradesh	25	50
Bihar	12	26
Jharkhand	1	3
West Bengal	7	2
Total	52	87
Grand Total	139	



Enablement and Functioning of DGCs

- A symbiotic & close functional relationship is now evolving, (1) - between NMCG and SGCs, (2)- between NMCG and DGCs directly and (3) - between SGCs and DGCs leading to joint-partnership & ownership in Ganga rejuvenation efforts
- DGCs have also been directly provided with funds by NMCG to begin their activities and set up requisite secretariat for Ganga Rejuvenation and DGCs
- Each DGC should conduct their Monthly, Mandated, Monitored, Minuted meetings (DGC 4M Meetings) on a fixed date and time, preferably on the 2nd Fridays of the month, at a time fixed at convenience of the DMs.

GDPMS Portal – To centrally monitor conduct of DGC meetings



Agenda for the DGC Meeting

Mandated Agenda

- Progress of works / O&M under Namami Gange
- Identification and tapping; monitoring of drains/nalas bringing in liquid and solid wastes into the river within the district boundary
- Arth Ganga

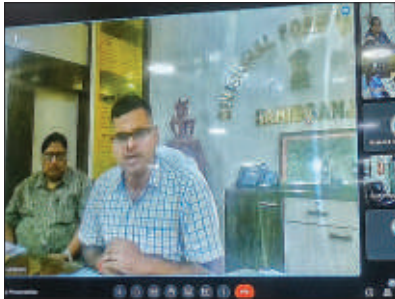
Local agenda which are State/ District specific to be decided locally:

- Promotion of Natural/Organic Farming
- Conservation of Biodiversity; afforestation, promotion of river/ghat based tourism etc
- Maintenance of ghats.

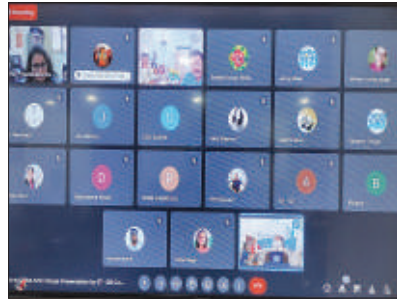
Seasonal agenda

- Swachhta Pakhwada, afforestation drives,
- 'Catch the rain' campaign, water conservation during monsoon period etc

Few DGC Meeting Photographs



Presentation made by IIM-IIT consortium to 53 DGCs



Nadia



Purba Bardhaman



Kishanganj



Kanpur



Hooghly



Buxar



Katihar



Ghazipur



Moradabad



South 24 Parganas

Ganga Vichaar Manch Workshop

A workshop of Ganga Vichaar Manch was organized on 19th November 2022. The workshop was presided over by Shri Gajendra Singh Shekhawat, Hon'ble Minister for Jal Shakti.



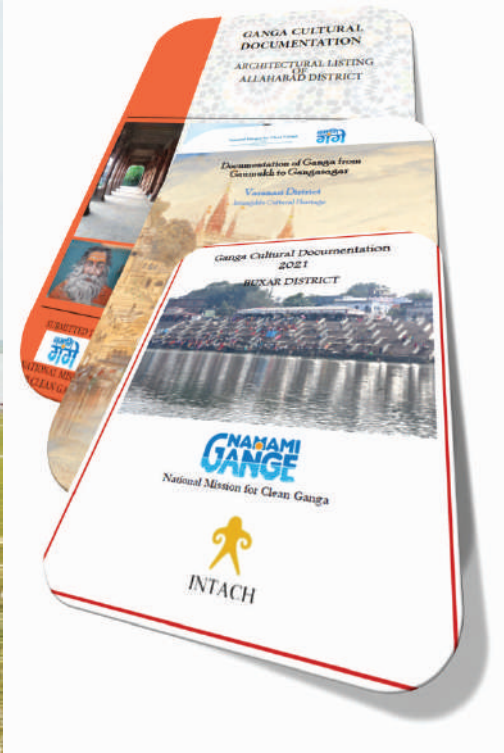
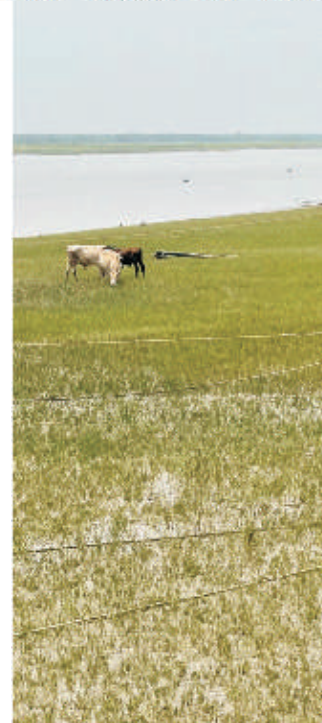


GYAN GANGA

**“Promoting research
and knowledge management
and evidence based
policy making under
Ganga Knowledge Centre”**

Ganga Cultural Heritage Documentation

Documentation of the heritage of River Ganga has been undertaken relating to the aspects of Architecture Heritage, Natural Heritage and Intangible Cultural Heritage, throughout 51 districts along river Ganga. The project was carried out in partnership with INTACH. It has been summarized in two book volumes and four-film series.



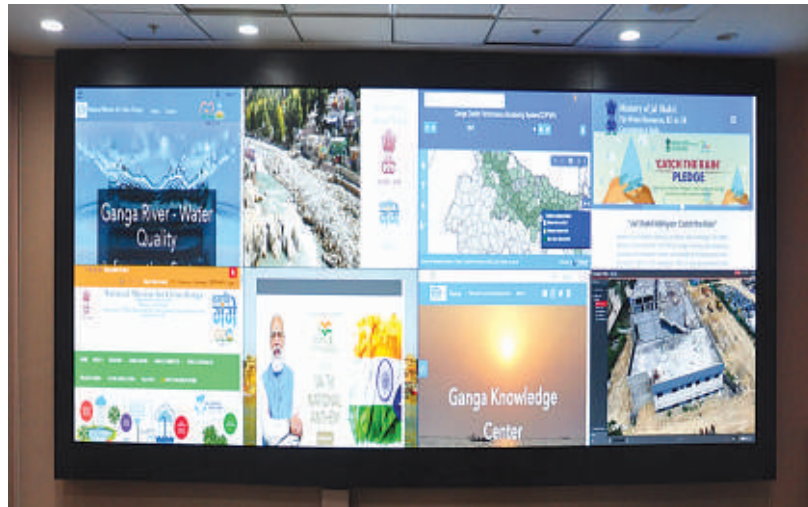
51 Districts to be covered

- Uttarakhand - 4 Districts
- Uttar Pradesh – 26 Districts
- Bihar - 11 Districts
- Jharkhand - 1 District
- Bengal - 9 Districts

PRAYAG : Monitoring Centre at NMCG

Platform for Real - time Analysis of Yumuna And Ganga & their Tributaries

- Inaugurated on 20th April 2023 by Hon'ble Minister of Jal Shakti, Government of India
- PRAYAG is a Real Time Monitoring Centre with on-line dashboards for planning and monitoring of project progress through real time feeds, river water quality, Performance of STPs, PMT Tool Dashboard, Ganga Districts Performance Monitoring System, etc.



River Cities Alliance

NMCG and NIUA have established a first-of-its kind “RIVER CITIES ALLIANCE” to serve as a dedicated platform for river cities in India to ideate, discuss and exchange information for sustainable management of urban rivers. The alliance was formally launched on 25th November, 2021 by Shri Gajendra Singh Shekhawat, Hon’ble Minister of Jal Shakti, Government of India.

The first formal meeting of River Cities Alliance was held via online mode on 2nd March, 2022, during which ten member cities consisting of Howrah, Bhubaneswar, Jangipur, Maheshtala, Vijaywada, Farrukhabad, Aurangabad, Dehradun and Rishikesh participated.



River Cities Alliance

- RCA Member Cities: Today, RCA has 143 cities member cities (142 Indian cities and 1 International City).
- UN Water Conference 2021: RCA commitment made in UN Water Conference 2023 for building Partnership for Developing international River Sensitive Cities focusing on River Development Goals (RDGs).
- RCA Global Seminar: A Global Seminar on RCA was organized on 4th May 2023 in which River Cities from UK, Denmark, Germany and key Embassies expressed their interest in the initiative



**River Cities Alliance of
143 Member Cities**

DHARA 2023

On 13th and 14th February 2023, National Mission for Clean Ganga (NMCG) in collaboration with National Institute of Urban Affairs organized “DHARA 2023: Driving Holistic Action for Urban Rivers” in Pune, Maharashtra. Hon'ble Minister of Jal Shakti inaugurated the Conference, which was attended by over 51 Municipal Commissioners/Additional Commissioners of member cities of the River Cities Alliance. The DG, NMCG, delivered the keynote address in the two-day Conference which had more than 300 participants.



Urban River Management Plan (URMP)

Framework for Urban River Management Plan (URMP)

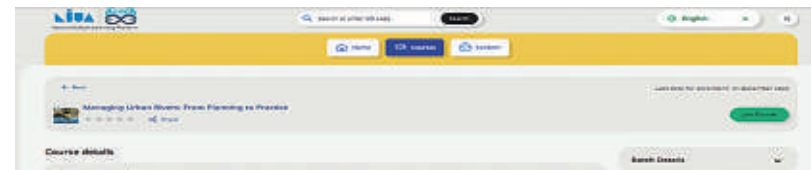


An integrated approach to manage the river and its associated elements in a city sustainably

03 URMPs Developed: Kanpur, Ayodhya & Chattrapati Sambhaji Nagar

Two Online Modules focusing on the below mentioned topics were developed and uploaded in National Urban Learning Portal (NULP):

- Managing Urban Rivers from Planning to Practice
- Making River Sensitive Master Plans



International Collaboration

World Bank Cooperation

The World Bank has been supporting the Government of India in rejuvenation and restoration the water quality of Ganga. Initially World Bank sanctioned \$600 Million financial assistance in the form of soft loan for pollution abatement and strengthening of river basin. For the second National Ganga River Basin Project (Ganga-II) the Government of India and the World Bank has signed the Loan Agreement for an amount of US \$400 Million. Under World Bank funded Ganga 2.0, there is a component called Performance Based Incentive Grant (PBIG) worth approximately INR 720 Cr, which will provide grants for priority investments to ULBS for support to Clean Ganga.

India-Israel Cooperation

A Memorandum of Understanding between the Ministry of Jal Shakti (Water Resources, River Development, and Ganga Rejuvenation then), India, and the Ministry of National Infrastructure, Energy and Water Resources of Israel was signed on 11.11.2016 in New Delhi on cooperation in water resource management and development. As per provision of (Article IV of) the MoU, a Joint Working Group (JWG) to monitor/implement the activities envisaged in the MoU has been formed under the chairmanship of DG, NMCG (from the Indian side). It is also agreed in the MoU that The Working Group shall endeavor to hold its meetings alternately in India and Israel at least once in every two years. So far, two meetings of the JWG have been convened on 3rd May 2018 in India and on 19th November 2020 virtually. Two Indian delegation for training program visited Israel during May'22 and Sep'22.

JAPAN

A Memorandum of Cooperation (MoC) has been signed

between D/o Water Resources, RD & GR, Ministry of Jal Shakti, India and Ministry of Environment of Japan in the areas of Decentralised Domestic Waste Water Management on 19-03-2022. Under the MoC both sides have established the Management Council which will be responsible for the implementation of the MoC.

Japan International Cooperation Agency (JICA) Cooperation

A loan agreement between Government of India and Japan International Cooperation Agency was signed in 2005 for ₹ 11.184 Billion for implementation of Ganga Action Plan project in Varanasi. JICA has also sanctioned a loan assistance of ₹ 32571 Million to Government of India for abatement of pollution of river Yamuna in Delhi under YAP-III. The project cost will be shared between the Government of India (Gol) and the Government of NCT of Delhi on 85:15 basis as per pattern adopted for the earlier JICA assisted YAP-II project

OISCA International

The MoU between OISCA International, Japan and NMCG was signed on 15th June 2017 for a period of 5 years which was further extended for 5 years on 7th Nov 2019 on water monitoring, agro forestry, organic farming, wastewater treatment and management and industrial effluent treatment, renewable energy and capacity building. Kyoto-Varanasi School Children exchange program towards environmentally sustainable development from 11th to 14th September, 2017 at Kyoto, Japan to sensitize young children with best practices in Japan in areas of sustainable environment conservation and a plantation drive was undertaken at Sambhal on 7th September 2019 and Varanasi on 10th September 2019.

International Collaboration

Germany

An Implementation Agreement was signed between GIZ/ Germany and MoWR, RD & GR on 13th April, 2016 for support to Ganga Rejuvenation. The German Government committed € 3 million through GIZ under Indo-German Technical Cooperation for Ganga Rejuvenation. KfW is extending Euro 120 Million to Uttarakhand for integrated sewerage network & waste water treatment in the district of Rishikesh & Haridwar

India-Netherlands Cooperation

An MoU on cooperation in the field of water resources between MoWR, RD & GR and Ministry of Infrastructure and Water Management of the Netherlands was signed on 27th June, 2016. The Strategic Water Partnership has been again signed on 29.3.2022 for a tenure of 5 years. During the virtual summit held on 09-04-2021 between Hon'ble Prime Ministers of both the countries the Joint Working Group has been elevated to Ministerial level. Recently, a workshop on the Dutch concept of Water as Leverage was organised in association with Dutch Government and trainers.

Australia

A Memorandum of Understanding (MoU) between India and Australia was signed on 5th September, 2014 at New Delhi for enhancing cooperation in water resources development and management, surface and groundwater, river basin management and impact of climate change on water resources.

Scotland

MoU has been signed between National Mission for Clean Ganga (NMCG) and Scottish Government: Water Industry Division (SG:WID) to support Government of India in

sustainable management of water resources in Ganga Basin through collaborative programmes of research and innovation and exchange of policy experts with the support of Scottish Government.

United Kingdom

The draft Memorandum of Understanding between NMCG and National Environment Research Council (NERC), United Kingdom is under consideration with Ministry of External Affairs for facilitate arrangements and understandings that lead to cooperation and coordination of all activities relating to pollution abatement & rejuvenation of river Ganga.

Denmark

An MoU for the partnership in the water sector with Ms. Lea Wermelin, Environment Minister of Denmark was signed for reduction of Carbon emission as part of the global Coalition for Disaster Resilient Infrastructure and is based on a five-point (Panchamrit) set of targets. Hon'ble Minister of Jal Shakti and DG, NMCG attended World Water Congress at Copenhagen, Denmark held on 12th Sep 2022. A Joint Working Group has been established and development of smart laboratory for Clean rivers in Varanasi has been initiated.

PTB (Physikalisch-Technische Bundesanstalt), Germany

In July 2019, NMCG signed an implementation agreement with PTB, the national metrology institute of Germany. Initially the project "Strengthening quality infrastructure for water monitoring of the Ganges River- I" was for 3 years, which was extended till April 2023. The second phase of the Indo-German NMCG-PTB project "Strengthening quality infrastructure for water monitoring of the Ganges River- II" began on May 2023.

Common Effluent Treatment Plants (CETPs)



Banthar CETP 4.5 MLD



Pilakhua CETP 2.1 MLD



Jajmau CETP 20 MLD



Jajmau CETP 20 MLD