

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

LOK SABHA
UNSTARRED QUESTION NO. 3774
ANSWERED ON 11.08.2023

SCHEME FOR PROMOTION OF WATERWAYS

3774. SHRI JUAL ORAM:

Will the Minister of PORTS, SHIPPING AND WATERWAYS be pleased to state:

पत्तन, पोत परिवहन और जलमार्ग मंत्री

- (a) whether the Government has implemented any scheme to promote waterways during the last five years;
- (b) if so, the amount spent/proposed to be spent by the Government for the said scheme;
- (c) the details of National Waterways proposed to be developed by the Government;
- (d) the details of steps being taken by the Government to augment the capacity of the waterways; and
- (e) the details of work started on National Waterways considering that 25 National Waterways have been identified by Inland Waterways Authority of India?

ANSWER

MINISTER OF PORTS, SHIPPING AND WATERWAYS
(SHRI SARBANANDA SONOWAL)

(a) & (b) Yes Sir. The details of funds sanctioned for projects on National Waterway (NW) during last 5 years are detailed at **Annexure-1**.

(c) 26 National Waterways have been taken up for development till 2030, the details of which is at **Annexure-2**.

(d) & (e) For development of Inland Water Transport (IWT) in the country, 111 waterways (including 5 existing and 106 new) spread over 24 States have been declared National Waterways (NWs) under the National Waterways Act, 2016. On the basis of outcome of techno-economic feasibility study and Detailed Project Report (DPR) of these NWs action plan has been formulated for 26 NWs which were found viable for cargo and passenger movement. At present, development initiatives have been taken up in the 20 NWs. The details is at **Annexure – 2**. To augment the capacity of Haldia-Varanasi stretch of Ganga River (NW-I), details of steps taken under Jal Marg Vikas Project (JMVP) are given at **Annexure – 3**.

**The details of projects and fundssanctioned on National Waterway (NW)
during last 5 years**

S. No.	Projects Sanctioned on National Waterway (NW) with States	Investment Sanctioned (Rs. in cr.)
1.	Jal Marg Vikas Project (JMVP-I &II) on Varanasi-Haldia stretch (1390 km) of NW-1 (Ganga-Bhagirathi-Hooghly river System) in Uttar Pradesh, Bihar, Jharkhand & West Bengal sanctioned on 03.01.2018	5362
2.	(a) SFC appraised Project for Development of NW-2 (river Brahmaputra) in July 2020 and revised in November 2022 in Assam	474
	(b) DIB appraised project for construction of Alternative road to Pandu Port on NW-2 to NH-27 in Assam sanctioned in January 2023	180
	(c) DIB appraised project for construction Ship repair facility at Pandu on NW-2 to NH-27 in Assam sanctioned in January 2023	208
3.	SFC appraised Project for Development of NW-16 (river Barak) and Indian Portion of Indo-Bangladesh Route in July 2020 and revised in November 2022 in Assam	148
4.	DIB Memo approved for Phase-I development of 16 NWs (NW-3, 4, 5 & 13 new NWs) for 2 years- 2022-23 & 2023-24& till 2025-26 for certain NWs sanctioned in November, 2022 in the States of Kerala, Andhra Pradesh, Odisha, Goa, West Bengal, Uttar Pradesh, Bihar, Maharashtra & Assam-	267
	Total	6639

Annexure-2

LIST OF 26 NATIONAL WATERWAYS (NWs) IDENTIFIED/TAKEN UP FOR DEVELOPMENT

Sl. No	NW	Details of Waterways	Length (Km)	STATES	Status
1	NW 1	Ganga-Bhagirathi-Hooghly River System (Haldia - Allahabad)	1620	Uttar Pradesh, Bihar, Jharkhand & West Bengal	Development taken up with Assistance from World Bank Jal Marg Vikas Project
2	NW 2	Brahmaputra River (Dhubri - Sadiya)	891	Assam	Development taken up as per approved SFC for FY 2020-21 to 2024-25
3	NW 16	Barak River (Lakhimpur -Tuker Gram)	121	Assam	
4	NW 3	West Coast Canal (Kottapuram - Kollam), Champakara and Udyogmandal Canals	205	Kerala	Mostly Operational Waterways and development and maintenance work taken up under Phase-I DIB approval.
5	NW 4	Krishna River (Vijayawada – Muktyala)	82	Andhra Pradesh	
6	NW 5	Dhamra-Paradip via Mangalagadi to Pankopal	233	Odisha	
7	NW 8	Alappuzha- Changanassery Canal	29	Kerala	
8	NW 9	Alappuzha - Kottayam – Athirampuzha Canal	40	Kerala (Alternate route: 11.5km)	
9	NW 27	Cumberjua River (Cortalim-Ferry to Sao MartiasVidhanParisad)	17	Goa	
10	NW 68	Mandovi River (Usgoan bridge to Arabian Sea)	41	Goa	
11	NW 111	Zuari River (Sanvorden bridge to Marmugao Port)	50	Goa	
12	NW 86	Rupnarayan River (PratapPur to Geonkhali)	72	West Bengal	
13	NW 97	Sunderbans Waterway (Namkhana to AtharaBankiKhal)	172	West Bengal	
14	NW 40	Ghagra River (Faizabad to ManjhiGhat)	345	Bihar &U.P.	
15	NW 52	Kali River (Kodasalli Dam to Sadashivgad Bridge, Arabian Sea)	53	Karnataka	
16	NW 44	Ichamati River (Bridge at Gobra to Bansjhari near Bangladesh Border)	63	West Bengal	
17	NW 57	Kopili River (BanthaiGaonTinali Bus Stop to Chandrapur No.2 confluence with Brahmaputra)	50	Assam	
18	NW 31	Dhansiri River (MorongiT.E. village Bridge to Numaligarh)	110	Assam	
19	NW 10	Amba River (Arabian Sea, Dharamtaar Creek to Nagothane ST Stand)	45	Maharashtra	
20	NW	Dabhol Creek Vasisti River (Arabian Sea at	45	Maharashtra	

	28	Dabhol to Bridge at Pedhe)			
21	NW 25	Chapora River (Bridge near Maneri village to Morjim, Arabian Sea)	25	Goa	Mostly Operational Waterways for development by 2030.
22	NW 37	Gandak River (Bhaisalotal Barrage to Hazipur)	296	Bihar &U.P.	
23	NW 73	Narmada River (Pandhariya to Gulf of Khambhat)	226	Maharashtra & Gujarat	
24	NW 85	Revadanda Creek - Kundalika River System (Arabian Sea at Revadanda to Bridge near Roha Nagar)	31	Maharashtra	
25	NW 94	Sone River (Sone Barrage, Dehri to Confluence with the Ganga)	141	Bihar	
26	NW 100	Tapi River (Hatnur Dam to Gulf of Khambhat)	436	Maharashtra & Gujarat	

Steps taken for capacity augmentation of NW-1 under Jal Marg Vikas Project

Sr. No.	Works on NWS																											
1	<p>Jal Marg Vikas Project (JMVP) on NW-1 (Varanasi-Haldia stretch, 1390 km)- Present status(31.07.2023) of civil works is as under:</p> <table border="1" data-bbox="321 443 1421 1417"> <thead> <tr> <th data-bbox="321 443 1206 548">Sub Project with States</th> <th data-bbox="1206 443 1421 548">Physical. Progress</th> </tr> </thead> <tbody> <tr> <td data-bbox="321 548 1206 615">MMT Varanasi (Uttar Pradesh)</td> <td data-bbox="1206 548 1421 615">100%</td> </tr> <tr> <td data-bbox="321 615 1206 682">MMTSahibganj (Jharkhand)</td> <td data-bbox="1206 615 1421 682">100%</td> </tr> <tr> <td data-bbox="321 682 1206 749">MMTHaldia (West Bengal)</td> <td data-bbox="1206 682 1421 749">100%</td> </tr> <tr> <td data-bbox="321 749 1206 816">New Navigational Lock Gate at Farakka (West Bengal)</td> <td data-bbox="1206 749 1421 816">98.53%</td> </tr> <tr> <td data-bbox="321 816 1206 884">IMTKalughat (Bihar)</td> <td data-bbox="1206 816 1421 884">65.5%</td> </tr> <tr> <td data-bbox="321 884 1206 951">Development of Community Jetty in Uttar Pradesh</td> <td data-bbox="1206 884 1421 951">50%</td> </tr> <tr> <td colspan="2" data-bbox="321 951 1421 1018">Fairway Development</td> </tr> <tr> <td data-bbox="321 1018 1206 1115">Farakka – Kahalgaon stretch (146 Km) – (W.B., Jharkhand & Bihar)</td> <td data-bbox="1206 1018 1421 1115">100%</td> </tr> <tr> <td data-bbox="321 1115 1206 1182">Sultanganj – Mahenderpur stretch (74km)- (Bihar)</td> <td data-bbox="1206 1115 1421 1182">69%</td> </tr> <tr> <td data-bbox="321 1182 1206 1249">Mahenderpur – Barh stretch (71 Km)- (Bihar)</td> <td data-bbox="1206 1182 1421 1249">57%</td> </tr> <tr> <td data-bbox="321 1249 1206 1316">Channel Stabilization Works at 7 locations (JMVP-II)-(U.P.)</td> <td data-bbox="1206 1249 1421 1316">100%</td> </tr> <tr> <td colspan="2" data-bbox="321 1316 1421 1417">Tendering process for development of fairway for the remaining stretches is initiated. (W.B., Bihar &U.P.)</td> </tr> </tbody> </table> <p data-bbox="321 1459 1429 1806">Arth Ganga (JMVP-II) is under implementation to energize socio-economic-development along the banks of National Waterway-1 including river Hooghly. Project implementation under JMVP-II may play a vital role in improving the livelihoods of communities living along the river with an aim to integrate people's participation and economic development with Ganga rejuvenation. This programme under JMVP-II will provide simple logistics solutions for small farmers, fishery units, unorganized farm producing units, horticulturists, florists and artisans to reach the nearest market place, which would steer a massive economic revolution in the region generating substantial employment.</p> <p data-bbox="321 1816 649 1848">Projects under JMVP-II:</p> <ul data-bbox="321 1858 714 1921" style="list-style-type: none"> • Cluster – I (Uttar Pradesh) Awarded in Dec 2022 		Sub Project with States	Physical. Progress	MMT Varanasi (Uttar Pradesh)	100%	MMTSahibganj (Jharkhand)	100%	MMTHaldia (West Bengal)	100%	New Navigational Lock Gate at Farakka (West Bengal)	98.53%	IMTKalughat (Bihar)	65.5%	Development of Community Jetty in Uttar Pradesh	50%	Fairway Development		Farakka – Kahalgaon stretch (146 Km) – (W.B., Jharkhand & Bihar)	100%	Sultanganj – Mahenderpur stretch (74km)- (Bihar)	69%	Mahenderpur – Barh stretch (71 Km)- (Bihar)	57%	Channel Stabilization Works at 7 locations (JMVP-II)-(U.P.)	100%	Tendering process for development of fairway for the remaining stretches is initiated. (W.B., Bihar &U.P.)	
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	<p>Completion: Dec 2023</p> <ul style="list-style-type: none"> Cluster – II Bihar & Jharkhand Awarded in Feb. 2023 <p>Completion: Oct. 2023</p> <ul style="list-style-type: none"> Cluster – III Development of community jetties in West Bengal 11 Awarded in June 2023 and remaining to award in August and Spet. 2023 <p>Completion: Dec 2023</p> <ul style="list-style-type: none"> Construction of 1 pair of Ro-Ro terminals- Market soundings opened on 26.10.2022 Clearance from Bihar State Government for dolphin sanctuary is awaited. <ul style="list-style-type: none"> Supply and commissioning of FRP (12 nos.) and Inspection Boats (03 nos.)- FRP boats 12 No's Awarded: 12.05.2022 <p>Work is completed on 24th June 2023</p> <ul style="list-style-type: none"> 4 nos. inspection VIP boats Awarded: 12.05.2022 Completion: September 2023 <ul style="list-style-type: none"> O&M and CAMC of River Information Systems (RIS) System in Sagar at a cost of Rs. 13.21 cr. are in progress through outsource agency since June 2022 and completion by May 2025. Modernization of Navigation Lock at Farakka. NIT Published on 08.05.2023 Award: October 2023 Completion: August 2025
