

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS
LOK SABHA
UNSTARRED QUESTION NO. 282
ANSWERED ON 21.07.2023

INLAND WATERWAYS

282. SHRI RAJIV PRATAP RUDY:

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

पत्तन, पोत परिवहन और जलमार्ग मंत्री

- (a) the details of the inland waterways in the country along with funds and projects sanctioned, and date of their completion during the last five years, State/UT-wise including Bihar;
- (b) whether inland waterways are included in the Sagarmala project with the targets and projects sanctioned for the same and if so, the details and the status thereof State/UT-wise including Bihar; and
- (c) the manner in which a land locked State like Bihar can benefit from the Sagarmala project and the steps taken by the Government for the same?

ANSWER

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

- (a) The details of projects and funds sanctioned by the Government during last 5 years with timelines for completion for 19 National Waterways in various States including Bihar are at **Annexure-1**.
- (b) Infrastructure development on some of the inland waterways has been undertaken under Sagarmala Scheme for providing assistance to State Governments based on their proposals. Details of projects funded under Sagarmala Scheme are given in **Annexure-2**.
- (c) All States, including landlocked States such as Bihar can benefit from funding under the Sagarmala Programme. Details of types of development projects that could be undertaken in Sagarmala Scheme are given in **Annexure-3**.

The details of Projects Sanctioned on National Waterway (NW) with States during last 5 years:

S. No	Projects Sanctioned on National Waterway (NW) with States	Investment Sanctioned (Rs. in crore)	Timeline	States
1.	<p>Jal Marg Vikas Project (JMVP-I and II) on Varanasi-Haldia stretch (1390 km) of NW-1 (Ganga-Bhagirathi-Hooghly river System) in Uttar Pradesh, Bihar, Jharkhand and West Bengal sanctioned on 03.01.2018-</p> <p>JMVP-I- Present status of major civil works is as under:</p> <ul style="list-style-type: none"> • Constructions of multi-modal terminals at Varanasi and Sahibganj have been completed. • Multimodal terminal at Haldia and the Navigational Lock at Farakka have achieved physical progress of 99.61 % and 97.75 % each respectively. Haldia terminal Inaugurated by Hon'ble Prime Minister on 13th January 2023. • Contracts for providing Least Assured Depth of 3 m and bottom channel width of 45 m on the stretch between Farakka – Kahalgaon, Sultanganj-Mahendrapur and Mahendrapur-Barh have been awarded on 09th April 2018, 12th April 2019 and 12th April 2019 respectively and are currently in progress with financial progress of Rs. 174.21 crores, Rs. 100.98 crores and Rs. 97.38 crores respectively. • Dredging Management Plan (DMP) in consultation with Expert Committee including NTCPWC, IIT Madras has been prepared and approved by IWAI Board for implementation. • Construction of Intermodal Terminal (IMT) at Kalughat: The contract has been signed on 26.11.2021. Agency mobilized at site and work started. Physical progress stands at 60.10% and financial at 40.76 %. <p>JMVP-II (Arth-Ganga)- The major procurement in JMVP-II (Arth Ganga) are envisaged from the following components of the project: (i) Fairway development, (ii) Channel stabilization works, (iii) River Information System , (iv) River Charting and Hydrographic equipment, Automatic Gauge Stations, (v) Modernization of Existing Navigational Lock at</p>	4634	Dec., 2023	Uttar Pradesh, Bihar, Jharkhand, West Bengal

	Farakka, (vi) Construction of Ro-Ro terminals, (vii) Community Jetties, (viii) Modernization of existing jetties, (ix) IWT Promotions and (x) Consultancy			
2.	(a) SFC appraised Project for Development of NW-2 (river Brahmaputra) in July 2020 and revised in November 2022 in Assam- There are 18 activities approved by SFC for NW-2. Out of these 18 activities, 06 are of permanent nature viz, (i) Construction of Jogighopa terminal, (ii) Alternative Road to Pandu Port, and (iii) Ship repair facility at Panduand (iv) Construction of Cargo cum Passenger terminal at Bogibeel, Dibrugarh (new component) (v) Boundary wall at IWAI parcel of land at Pandu, Neamati and Nagaghuli (vi) Improvement of existing approach road including study and land acquisition for Dhubri Terminal. The remaining 12 activities are of recurring nature viz., (i) Fairway development (ii) O and M of navigational aids (iii) O and M of fixed and floating terminals (iv) O and M of vessels (v) Consultancy training (vi)Maintenance of e-portal etc.	474	March 2025	Assam
	(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	Feb., 2026	Assam
	(c) DIB appraised project for construction Ship repair facility at Pandu on NW-2 to NH-27 in Assam sanctioned in January 2023	208	March, 2025	Assam
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- There are 10 activities as approved by SFC for NW-16 and IBP route. Out of these 10 activities, 03 are of permanent nature viz, (i) Construction of Terminal at Sonamura on Gumti river, (ii) Construction of terminal at Maia on Ganga River and(iii) Up-gradation of Badarpur and Karimganj terminals, which are in consideration. The remaining 07 activities are of recurring nature viz., (i) Fairway development (ii) O and M of navigational aids (iii) Consultancy training (iv) cargo promotion, and (v) amenities at Ports of Call etc. These activities are carried out on annual maintenance basis	148	March 2025	Assam, Tripura
4.	DIB Memo approved for Phase-I development of 16 NWs for 2 years- 2022-23 and 2023-24 and till 2025-26 for certain NWs sanctioned in November, 2022	267		

a.	NW-3- West Coast Canal (Kottappuram -Kollam and Kottapuram- Kozhikode), Champakara and Udyogmandal Canals in Kerala.	March 2026	Kerala
b.	NW-4- Kakinada Canal, Godavari river, Eluru Canal, Krishna River, Commamur Canal, North and South Buckingham Canal, Marakanam to Puducherry through Kaluvelly tank (Project Sanctioned for Krishna river in Telangana)		Telangana
c.	NW-5- East Coast Canal and Matai River, Brahmani-Kharsua -Dhamra rivers, Mahanadi delta rivers in Odisha		Puducherry
d.	NW-8- Alappuzha-Changanassery Canal in Kerala		Kerala
e.	NW-9- Alappuzha-Athirampuzha Canal in Kerala		Kerala
f.	NW-27-Cumberjua River in Goa		Goa
g.	NW-68- Mandovi River in Goa		Goa
h.	NW-111- Zuari River in Goa		Goa
i.	NW-86- River Rupnarayan in West Bengal		West Bengal
j.	NW-97- Sundarbans Waterways in West Bengal		West Bengal
k.	NW-40- Ghaghra River in U.P. and Bihar		Uttar Pradesh and Bihar
l.	NW-44- Ichamati River in West Bengal		West Bengal
m.	NW-10- Amba River in Maharashtra		Maharashtra
n.	NW-28-Dabhol Creek Vashisthi River in Maharashtra		Maharashtra
o.	NW-57- Kopili River in Assam		Assam
p.	NW-31- Dhansiri River in Assam		Assam
	Total	5911	

Details of Inland Waterways projects funded by Sagarmala

Sr. No.	Name of Project	Implementing Agency	Status	State	Cost (Rs. Cr)	Funds Sanctioned (Rs. Cr)
1	Anti-erosion work on the left bank of river Hooghly/Bhagirathi Block and P.S. Kalyani Nadia district, Kolkata	Syama Prasad Mookerjee Port Authority	Under Development	West Bengal	17.7	17.7
2	Development of waterways on Gurupur - NW-43	Ports and IWT, Karnataka	Under Implementation	Karnataka	29.62	14.81
3	Integrated Development of Tadadi – Aghanashini Waterway in Kumta Taluka of Uttar Kannada District	Ports and IWT, Karnataka	Under Implementation	Karnataka	20.00	10.00
4	Development of waterways from Almatti to Bagalkot in Karnataka	Ports and IWT, Karnataka	Under Implementation	Karnataka	12.20	6.10
5	Development of waterways in Kali River (NW 52) in Karwar Taluka	Ports and IWT, Karnataka	Under development	Karnataka	9.54	4.53

Details of types of development projects that could be undertaken in Sagarmala

- Port-led industrialization
- Port based urbanization
- Port based and coastal tourism and recreational activities
- Coastal shipping, inland waterways transportation and short-sea shipping
- Ship building, ship repair and ship recycling
- Logistics parks, warehousing, maritime zones/services
- Integration with hinterland hubs
- Offshore storage, drilling platforms
- Specialization of ports in certain economic activities such as energy, containers, chemicals, coal, agro products, etc.
- Offshore renewable energy projects with base ports for installations
- Modernizing the existing ports and development of new Ports
- Holistic development of islands and coastal districts
- Dredging / breakwater at major ports / non major ports / waterways
- Skill development, port hospitals, water treatment plants and warehouses
- Fish harbour / fish landing centres / floating jetties
- Coastal tourism projects such as development of beaches, cruise terminals, lighthouse tourism, port and maritime museums including heritage sites, ropeways, Ro-Ro jetties and passenger terminals
- Coastal protection work
- Aerodromes and seaplane
- Floating assets like ships, etc.
