

GOVERNMENT OF INDIA  
MINISTRY OF PORTS, SHIPPING AND WATERWAYS  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO- 3813**  
ANSWERED ON 05/04/2022

**DEVELOPMENT OF INLAND WATERWAYS**

3813. MS. SAROJ PANDEY:

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

the State-wise details of the new inland waterways launched during the last five years, the financial expenditure made by Government in construction of these waterways and the financial benefit Government is likely to gain in the future against the expenses made?

**ANSWER**

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

To promote inland water transport (IWT) in the country, 111 National Waterways (NWs) (including 5 existing and 106 new) were declared under the National Waterways Act, 2016. Based on the outcome of techno-economic feasibility and Detailed Project Reports (DPRs) prepared for NWs, action plan has been formulated for 26 NWs found viable for cargo/passenger movement (Details at **Annex-1**). Development activities have been initiated in the first 13 NWs out of the 26 viable NWs.

Financial expenditure made by IWAI from 2016-17 to 2020-21 for development of shipping and navigation in these waterways during the last five years is detailed at **Annex-2**. Details of other expenditure made under Sagarmala Programme of the Ministry for development of waterways in Karnataka is at **Annex-3**.

Financial benefits in Rs./tonne km of promoting / utilizing Inland Water Transport (IWT) mode in comparison to other modes of transport like Rail and Road are as under –

As per RITES Report of 2014 on “Integrated National Waterways Transportation Grid”, the cost comparison between Inland Water Transport (IWT) mode and other dominant modes of surface transport is as below:

Mode	Railways	Highways	IWT
Freight (Rs./T.km)	1.36	2.50	1.06

**Annex-1**

**LIST OF 26 NATIONAL WATERWAYS FOUND FEASIBLE FOR CARGO / PASSENGER MOVEMENT:**

Sl. No	National Waterway	Details of Waterways	STATES	Status
1	National Waterway 1	Ganga-Bhagirathi-Hooghly River System (Haldia - Allahabad)	Uttar Pradesh, Bihar, Jharkhand & West Bengal	Development taken up with Assistance from World Bank <b>Jal Marg Vikas Project</b>
2	National Waterway 2	Brahmaputra River (Dhubri - Sadiya)	Assam	Development taken up as per approved SFC for FY 2020-21 to 2024-25
3	National Waterway 16	Barak River	Assam	
4	National Waterway 3	West Coast Canal (Kottapuram - Kollam), Champakara and Udyogmandal Canals	Kerala	Mostly Operational Waterways and development and maintenance work taken up.
5	National Waterway 4	Krishna River (Vijayawada - Muktyala)	Andhra Pradesh	
6	National Waterway 5	Dhamra-Paradio via Mangalagadi to Pankopal	Odisha	
7	National Waterway 8	Alappuzha- Changanassery Canal	Kerala	
8	National Waterway 9	Alappuzha - Kottayam - Athirampuzha Canal	Kerala (Alternate route: 11.5km)	
9	National Waterway 27	Cumberjua River	Goa	
10	National Waterway 68	Mandovi River	Goa	
11	National Waterway 86	Rupnarayan River	West Bengal	
12	National Waterway 97	Sunderbans Waterway	West Bengal	
13	National Waterway 111	Zuari River	Goa	
14	National Waterway 10	Amba River	Maharashtra	Development proposal at appraisal stage.
15	National Waterway 40	Ghagra River	Bihar	
16	National Waterway 44	Ichamati River	West Bengal	
17	National Waterway	Kali River	Karnataka	

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18	National Waterway 57	Kopili River	Assam
19	National Waterway 25	Chapora River	Goa
20	National Waterway 37	Gandak River	Bihar
21	National Waterway 28	Dabhol Creek Vasisti River	Maharashtra
22	National Waterway 73	Narmada River	Maharashtra & Gujarat
23	National Waterway 85	Revadanda Creek - Kundalika River System	Maharashtra
24	National Waterway 94	Sone River	Bihar
25	National Waterway 100	Tapi River	Maharashtra & Gujarat
26	National Waterway 31	Dhansiri River	Assam

**Annex-2**

The details of expenditure on NWs during the last five years, are as under:

(Rs. in Crore)

Sl. No.	Budget Head/Waterways	2016-17	2017-18	2018-19	2019-20	2020-21
<b>1</b>	Grants to IWAI-Grants for creation of Capital Assets					
(a)	NW-1 (Ganga-Bhagirathi-Hooghly river system) in U.P., Bihar, Jharkhand and West Bengal	112.94	54.77	211.09	155.10	58.54
(b)	NW-3 (West Coast Canal, Kerala) including NW-8 & 9	8.33	29.09	14.97	26.06	21.52
(c)	Phase-I, NW-4(river Krishna, A.P.)	0.96	14.78	20.79	4.41	3.62
(d)	Phase-I, NW-5 (Odisha)	26.95	33.59	2.23	3.29	2.13
(e)	Other Plan schemes including new NWs-NW-27, 68, 111 in Goa, NW-86, 97 in West Bengal	16.20	36.86	25.68	23.68	13.21
<b>2</b>	Grants to IWAI for Jal Marg Vikas Project (JMVP) on NW-1 (U.P., Bihar, Jharkhand and West Bengal) - Grants for creation of Capital Assets (Gol share)	301.99	348.53	430.92	461.82	214.05
<b>3</b>	Grants to IWAI (NER)-NW-2&16-Grants for creation of Capital Assets in Assam	74.67	118.97	103.60	58.42	38.79
	<b>Total</b>	<b>542.04*</b>	<b>636.58*</b>	<b>809.28*</b>	<b>732.78*</b>	<b>351.86</b>

\* Expenditure during 2016-17 to 2019-20 also include expenditure from EBR.

**Annex-3**

**Details of expenditure made under Sagarmala Programme of the Ministry for development of waterways in Karnataka:**

S.no	Name of Work	Project cost ( in Cr)	Date of in-principle approval conveyed to GoK
<b>1</b>	Integrated Development of Tadadi – Aghanashini Waterway in Kumta Taluka of Uttar Kannada District	<b>20</b>	Administrative Approval and Expenditure Sanction (AAES) given by Sagarmala Cell, MoPSW dated 14.03.2022
<b>2</b>	Development of waterways from Almatti to Bagalkot in Karnataka	<b>12.20</b>	Administrative Approval and Expenditure Sanction (AAES) given by Sagarmala Cell, MoPSW dated 14.03.2022 <b>for Rs 12.2 Cr</b>
<b>3</b>	Development of waterways on Gurupur (NW-43) in Mangalore Taluka of Karnataka	<b>29.62</b>	Administrative Approval and Expenditure Sanction (AAES) for Phase – I was given by Sagarmala Cell, MoPSW dated 16.03.2022

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