

GOVERNMENT OF INDIA
MINISTRY OF SHIPPING
LOK SABHA
UNSTARRED QUESTION NO. 1419
TO BE ANSWERED ON 26th JULY, 2018

PROPOSALS FOR WATERWAYS

1419. SHRI K. PARASURAMAN:

Will the Minister of SHIPPING be pleased to state:

पोत परिवहन मंत्री

- (a) the details of proposals under consideration of the Government for development of waterways in the country;
- (b) whether the Government proposes to expedite these proposals in view of very low cost of transportation through waterways; and
- (c) if so, the details thereof and the future action plan of the Government in this regard?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF SHIPPING
(SHRI PON. RADHAKRISHNAN)

(a),(b)& (c) 111 inland waterways (including 5 existing) have been declared as 'National Waterways' (NWs) under the National Waterways Act, 2016 with effect from 12th April, 2016, after due consultations and recommendations of the State Governments. Reduced transportation cost is an important factor among others for development of National Waterways. As per RITES Report of 2014 on "Integrated National Waterways Transportation Grid", the cost saving in transportation of goods through Inland Water Transport (IWT) mode is as under:-

| Mode | Railways | Highways | IWT |
|------------------|----------|----------|------|
| Freight (Rs/TKm) | 1.36 | 2.50 | 1.06 |

NW-1 (River Ganga), NW-2 (River Brahmaputra), NW-3 (West Coast Canal from Kottapuram to Kollam along with Udyogmandal and Champakara Canals), NW-16 (River Barak), NW-27, 68 and 111 (in Goa), NW-9 (in Kerala) and NW-97 are operational.

Government is implementing the Jal Marg Vikas Project (JMVP) at a cost of Rs. 5369.18 crore for capacity augmentation of navigation on the Haldia – Varanasi stretch of NW-1 with the technical and financial assistance of the World Bank.

Based on the feasibility reports completed so far, the Inland Waterways Authority of India has found 36 NWs to be technically viable for development of shipping and navigation. Development activities have been initiated on 8 NWs as per details at **Annex-I**. The status of DPRs for the remaining 28 NWs is at **Annex –II**.

List of 8 National Waterways taken up for development

| National Waterways | Status |
|---|--|
| 1. River Barak (NW-16): | Under Phase -1, the stretch between Silchar to Bhanga (71 km) has been taken up for development. Waterway is operational with limited infrastructure facility. |
| 2. River Gandak (NW-37): Bhaisalotan Barrage near TriveniGhat to confluence with Ganga river at Hajipur (296 km) in Bihar and UP. | Development works commenced from Ganga confluence to Bagaha Bridge (250 km approx.) stretch of NW-37 under Phase-1. |
| Waterways in Goa | Development works for expansion / setting up of floating jetties and upgradation/ installation of navigational aids is underway. NWs of Goa are operational. |
| 3. NW-27-Cumberjua – confluence with Zuari to confluence with Mandovi river (17 km) | |
| 4. NW 68 – Mandovi – Usgaon Bridge to Arabian Sea (41 km) | |
| 5. NW 111 – Zuari – Sanvordem Bridge to Marmugao Port (50 km). | |
| 6. Alappuzha – Kottayam – Athirampuzha Canal (NW-9) :Boat Jetty, Alappuzha to Athirampuzha (38 km) in Kerala. | Development work in the Alappuzha – Kottayam stretch has commenced under Phase-1 for cargo movement. Waterways are already operational for ferry services. |
| 7. River Rupnarayan (NW-86): Confluence of Dwarkeshwar and Silai rivers (Pratappur) to confluence with Hooghly river (Geonkhali) (72 km) in West Bengal. | Approximately 34 kms between Geonkhali to Kolaghat stretch has been taken up for development under Phase-I. |
| 8. Sunderbans Waterways (NW-97): Namkhana to AtharaBanki Khal & 13 connected rivers (654 km) in West Bengal. | Phase-I development work of this waterway from Namkhana to Athara Banki Khal (172 km) has been taken up. Waterway is already operational under Indo-Bangladesh Protocol (IBP) route. |

| Status of Detailed Project Reports (DPRs) of 28 NWs | | | |
|--|--|----------------------------------|-------------|
| Sl. No. | River/Canal (NW) | States | Length (km) |
| <u>DPRs received</u> | | | |
| 1 | GHAGHRA RIVER (NW-40) | U.P & Bihar | 354 |
| 2 | KOSI RIVER (NW-58) | Bihar | 236 |
| 3 | SUBANSIRI RIVER (NW-95) | Assam | 106 |
| 4 | BAITARNI RIVER (NW-14) | Odisha | 48 |
| 5 | MAHANADI -LUNA RIVER (NW-64) | Odisha | 98 |
| 6 | AMBA RIVER (NW-10) | Maharashtra | 45 |
| 7 | REVADANDA CREEK - KUNDALIKA RIVER (NW-85) | Maharashtra | 31 |
| 8 | MAHI RIVER (NW-66) | Gujarat | 247 |
| 9 | NARMADA RIVER (NW-73) | Gujarat & Maharashtra | 226 |
| 10 | TAPI RIVER (NW-100) | Gujarat | 173 |
| 11 | SUBARNAREKHA RIVER (NW-96) | Odisha | 30 |
| 12 | AJOY (AJAY) RIVER (NW-7) | West Bengal | 19 |
| 13 | ICHAMATI RIVER (NW-44) | West Bengal | 63 |
| 14 | KABINI RIVER (NW-51) | Karnataka | 23 |
| 15 | CHAPORA RIVER (NW-25) | Goa | 25 |
| 16 | DABHOL CREEK - VASHISHTI RIVER (NW-28) | Maharashtra | 45 |
| 17 | MAPUSA - MOIDE RIVER (NW-71) | Goa | 27 |
| 18 | SAVITRI RIVER (BANKOT CREEK) (NW-89) | Maharashtra | 45 |
| 19 | GURUPUR RIVER (NW-43) | Karnataka | 10 |
| 20 | NETRAVATHI RIVER (NW-74) | Karnataka | 30 |
| 21 | KALI RIVER (NW-52) | Karnataka | 53 |
| 22 | SHARAVATI RIVER (NW-90) | Karnataka | 29 |
| <u>DPRs under preparation</u> | | | |
| 23 | ALAPPUZHA- CHANGANASSERY CANAL (NW-8) | Kerala | 29 |
| 24 | KOTTAYAM-VAIKOM CANAL (NW-59) | Kerala | 19 |
| 25 | Kalyan-Thane-Mumbai Waterway, Vasai Creek and Ulhas river (NW- 53) | Maharashtra | 145 |
| 26 | Tizu and Zungki rivers (NW-101) | Nagaland | 42 |
| 27 | Yamuna (NW-110) | Delhi, Haryana and Uttar Pradesh | 1089 |
| 28 | Jhelum (NW-49) | Jammu & Kashmir | 110 |
