



Development of National Waterways

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Under the National Waterways Act, 2016, a total of 111 waterways have been declared as National Waterways (NWs). Out of these 111 NWs, NWs-1, 2 and 3 are operational and cargo and passenger vessels are moving on them, while for NW-4, the development works under Phase-I from Muktyala to Vijaywada started in 2017. Further, for development of NW-5, preparation of DPR including Front End Engineering Design (FEED) for the construction of weirs/ barrages with navigational locks and check dams between Pankapal and Paradip/ Dhamra (Phase-I) has been sanctioned.

The Jal Marg Vikas Project (JMVP) has been commissioned with technical and financial assistance of the World Bank for the capacity augmentation of NW-1 (Ganga) from Haldia to Varanasi (1380 km). The JMVP aims at developing the fairway to enable safe navigation of 1,500-2,000 ton vessels. The project would be completed by 2022-23 at an estimated cost of Rs.5,369 crore.

Out of the 106 newly declared NWs, 36 NWs are considered technically feasible for development of shipping and navigation. The list is as follows-

1. BARAK (NW-16)
2. MANDОВI (NW-68)
3. ZUARI (NW-111)
4. CUMBERJUA (NW-27)
5. GHAGHRA (NW-40)
6. GANDAK (NW-37)
7. KOSI (NW-58)
8. SUNDERBAN WATERWAYS (NW-97)
9. AJOY (AJAY) RIVER (NW-7)
10. ICHAMATI RIVER (NW-44)
11. RUPNARAYAN RIVER (NW-86)
12. SUBARNREKHA RIVER (NW-96)
13. SUBANSIRI RIVER (NW-95)
14. BAITARNI RIVER (NW-14)
15. MAHANADI RIVER (NW-64)
16. ALAPPUZHA- CHANGANASSERY CANAL (NW8)
17. ALAPPUZHA- KOTTAYAM - ATHIRAMPUZHA CANAL (NW-9)
18. KOTTAYAM-VAIKOM CANAL (NW-59)
19. GURUPUR RIVER (NW-43)
20. KABINI RIVER (NW-51)
21. KALI RIVER (NW-52)
22. NETRAVATHI RIVER (NW-74)
23. SHARAVATI RIVER (NW-90)
24. CHAPORA RIVER (NW-25)
25. MAPUSA - MOIDE RIVER (NW-71)
26. AMBA RIVER (NW-10)
27. DABHOL CREEK - VASHISHTI RIVER (NW-28)

28. REVADANDA CREEK - KUNDALIKA RIVER (NW-85)
29. SAVITRI RIVER (BANKOT CREEK) (NW-89)
30. MAHI RIVER (NW-66)
31. NARMADA RIVER (NW-73)
32. TAPI RIVER (NW-100)
33. YAMUNA (NW-110)
34. JHELUM (NW-49)
35. KALYAN - THANE - MUMBAI WATERWAY, VASAI CREEK & ULHAS RIVER (NW-53)
36. TIZU / ZUNGKI RIVERS (NW-101)

The contours for development of the remaining NWs would be determined on completion of feasibility studies/ DPRs.

The Budgetary Estimates and expenditure by the Inland Waterways Authority of India (IWAI) for development and maintenance of NWs, including NW-4, during the last two years and the current year are given below:

Year	BE (Rs. in crore)	Expenditure (Rs. in crore)
2015-16	300	293.44
2016-17	BE 350 *EBR Rs 340	517.89
2017-18	228 (Grants) + *EBR Rs.660	359.04 (upto November, 2017)

*Extra Budgetary Resources

This information was given by Minister of State for Shipping and Road Transport and Highways Shri Pon. Radhakrishnan in a written reply to a question in the Lok Sabha today.

NP/MS

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