

State	Major Port Name and Type	No. of Projects
Goa	Mormugao Port Trust	3
Karnataka	New Mangalore Port Trust	2
Kerala	Cochin Port Trust	3
Tamil Nadu	Chennai Port Trust	3
Tamil Nadu	V.O. Chidambaranar Port Trust	4
Tamil Nadu	Kamarajar Port Limited	2
Andhra Pradesh	Visakhapatnam Port Trust	3
Odisha	Paradip Port Trust	4
Odisha & West Bengal	Haldia- Kolkata Port Trust Paradip- Paradip Port Trust	1
West Bengal	Kolkata Port Trust	5
GRAND TOTAL		47

These 47 projects are part of 173 projects identified in the National Perspective Plan, April 2016. The other projects pertain to area of port connectivity, port-led industrialization, coastal community development and modernization of minor ports.

#### **Yamuna Action Plan**

\*84. SHRI D. RAJA: Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether it is a fact that the efforts made by the National Green Tribunal (NGT), so far, to clean up the river Yamuna have not produced any result;
- (b) if so, what are the efforts made in this regard and the results thereof; and
- (c) the reasons for failure of Yamuna Action Plans?

THE MINISTER OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION (SUSHRI UMA BHARATI): (a) and (b) NGT has given directions to take up cleaning of Yamuna under Maily Se Nirmal Yamuna Revitalization Plan, 2017. Accordingly, DJB has submitted priority of projects amounting to ₹ 1,969 crore to be

taken up under Phase I of Maily Se Nirmal Yamuna-Revitalization Plan, 2017. These projects are as follows:

- Rehabilitation of existing waste treatment plant of 182 MLD at Rithala (R2).
- Rehabilitation of peripheral sewer line of Ashok Vihar and Jahangirpuri (R1a).
- Rehabilitation of 1100 mm dia. twin rising mains from Bharat Nagar Sewage Pumping Station to Pitampura Chamber (R1b).
- Construction of 40 MGD (182 MLD) STP and rehabilitation of existing STPs at coronation pillar (PI).
- Construction of 9 no. STPs and related works (P2).
- Construction of 5 STPs and 2 no. STPs and related works (P3).

However, Cleaning of Rivers is an ongoing process and this Ministry is supplementing the efforts of the States for pollution abatement of river Yamuna, a tributary of River Ganga, by providing financial assistance to Delhi State Government in phased manner since 1993 under the Yamuna Action Plan (YAP).

Further, under YAP Phase-III project, five components in Rithala and Kondli region Pkg R1a, R2, K3, K1, and K2 have been appraised by IIT Roorkee and recommended by ESC and further sanctioned. The details are as below:

- Rehabilitation of Trunk Sewer No.4 - Pkg 'K1' for ₹ 87.43 crore.
- Rehabilitation of Trunk Sewer No.5 - Pkg 'K2' for ₹ 83.40 crore.
- Rehabilitation and upgradation of Kondli Phase-I STP (45 MLD), Phase-II STP (114 MLD) and Phase-III STP (45 MLD) - Pkg 'K3' for ₹ 239.11 crore.
- Rehabilitation of Trunk Sewers - Pkg 'R1a' for ₹ 43.92 crore.
- Rehabilitation and up-gradation of Phase-I STP (182 MLD) - Pkg 'R2' for ₹ 211.79 crore.

The remaining three projects under above DJB's priority list, have been appraised by Prof. Aran Kumar of AHEC, IIT Roorkee for a total cost of ₹ 1388.23 crore and are in the process of funding.

(c) Earlier plan did not take wholesomeness of the Yamuna river system for cleaning Yamuna, due to insufficient engineering efforts, and also the desired result of earlier action plan were not achieved as desired due to lack of availability of fresh water

in the river, especially during the lean period and a large gap between generation and treatment of sewage. In fact, there is no fresh water flow downstream of Wazirabad barrage in Delhi.

#### **Benefits of Sagarmala project**

\*85. DR. T. SUBBARAMI REDDY: Will the Minister of SHIPPING be pleased to state:

(a) how many coastal and river states are to be benefited under the Sagarmala project to promote port-led development;

(b) what is the estimated number of job opportunities to be created in shipping and port sector under this project during the next five years, with details for each sector; and

(c) what would be the cost of the project and the roadmap for its funding?

THE MINISTER OF SHIPPING (SHRI NITIN JAIRAM GADKARI): (a) All the 9 coastal States stand to benefit from the Sagarmala Programme. Besides this, other hinterland states will also receive direct and indirect benefits due to reduced logistics cost and resultant industrial development in hinterland.

(b) The consultants have projected that projects under Sagarmala Programme are expected to enable creation of approximately 1 crore new jobs, including approximately 40 lakh direct jobs, in the next 10 years. The details of creation of direct employment is given in table below:

Sl. No.	Source of Job creation	Direct Job Creation Potential (lakh)
1.	Energy clusters	0.6
2.	Materials clusters	2.6
3.	Marine clusters	2.5
4.	Discrete manufacturing clusters	33
5.	Construction jobs expected to be created for the development of infrastructure projects under Sagarmala	2-3
TOTAL		40