

GOVERNMENT OF INDIA  
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 2713**  
ANSWERED ON 11.08.2026

**INFRASTRUCTURE PROGRESS, PORT EFFICIENCY, AND GREEN INITIATIVES  
UNDER SAGARMALA**

2713. SHRI KESRIDEVSINH JHALA:

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

- (a) the total number of projects completed under the Sagarmala Programme to promote port-led development;
- (b) the average reduction in cargo ship turnaround time recorded across major Indian ports over the last three fiscal years;
- (c) the financial investment allocated toward developing operational National Waterways for low-cost cargo movement; and
- (d) the steps taken under the Harit Nauka guidelines and Maritime India Vision to transition major ports into 100 per cent green maritime hubs?

**ANSWER**

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

(a) Sagarmala scheme is a central sector scheme of Ministry of Ports, Shipping and Waterways (MoPSW) with the target to promote port-led development in the country. Under Sagarmala scheme, the Ministry provides financial assistance for the projects under 5 pillars namely, port modernization, port connectivity, port-led industrialization, coastal community development, and coastal shipping & inland water transport. At present, 79 projects financed under Sagarmala scheme have been completed.

(b) The average cargo ship turnaround time across Major Ports over the last three fiscal years is as under:

Average turn round time (in hours):

| Sl. No. | Ports       | FY<br>2022-2023 | FY<br>2023-2024 | FY<br>2024-2025 | FY<br>2025-2026 |
|---------|-------------|-----------------|-----------------|-----------------|-----------------|
| 1       | Major Ports | 51.48           | 52.82           | 58.28           | 47.25*          |

\* The data is provisional

(c) The expenditure done toward developing operational National Waterways is as under:

| Year                        | 2022-23 | 2023-24 | 2024-25 | 2025-26                |
|-----------------------------|---------|---------|---------|------------------------|
| Expenditure<br>(in ₹ crore) | 514.77  | 969.63  | 1083.70 | 1074.48<br>(unaudited) |

(d) Under the 'Harit Sagar' Green Port Guidelines, 2023, all major ports were required to undertake a baseline study taking FY 2022-23 as the base year, to assess greenhouse gas emissions, carbon footprint and Environmental Performance Indicators (EPIs). The port-wise progress made by Major Ports towards implementation of these Guidelines is available at Annexure 1.

To achieve the targets under the guidelines, major ports are implementing various decarbonization measures, including expansion of renewable energy, electrification of port equipment and vehicles, provision of shore to ship power facilities, promotion of alternative marine fuels, procurement of green tugs, enhancement of green cover, improvement in energy efficiency, strengthening of waste and water management and adoption of sustainable technologies. These measures are aimed at reducing carbon emission intensity (CO<sub>2</sub>) emissions per ton of cargo handled by 30% by 2030, while enabling sustainable growth in cargo handling capacity.

## Annexure 1

Port-wise progress made by major ports towards implementation of Harit Sagar guidelines:

| Sl. No. | Major Ports | Baseline study conducted using FY 2022-23 | Port Equipment Electrification (in %age) |       | Share of Renewable Energy Consumption (Self-generated + Procurement from grid) (in %age) |       | Area under Green belt (in %) |       |
|---------|-------------|-------------------------------------------|------------------------------------------|-------|------------------------------------------------------------------------------------------|-------|------------------------------|-------|
|         |             |                                           | 2023                                     | 2026  | 2023                                                                                     | 2026  | 2023                         | 2026  |
| 1       | DPA         | Yes                                       | 88.9                                     | 89.47 | 31.2                                                                                     | 55.49 | 1.77                         | 1.83  |
| 2       | MbPA        | Yes                                       | 100                                      | 100   | 13.9                                                                                     | 85.44 | -                            | -     |
| 3       | JNPA        | Yes                                       | 13.4                                     | 22.78 | 2.7                                                                                      | 57.88 | 33.72                        | 33.72 |
| 4       | MgPA        | Yes                                       | 100                                      | 100   | 1.2                                                                                      | 9.62  | 32.97                        | 32.97 |
| 5       | NMPA        | -                                         | 100                                      | 100   | 100                                                                                      | 100   | 33.33                        | 33.33 |
| 6       | CoPA        | Yes                                       | 78.79                                    | 78.79 | 1                                                                                        | 5.17  | 6.41                         | 8.77  |
| 7       | VOCPA       | Yes                                       | 55.1                                     | 80.5  | 5                                                                                        | 94    | 5.25                         | 20.67 |
| 8       | ChPA        | Yes                                       | 9.52                                     | 11.11 | 2.4                                                                                      | 2.18  | 1.68                         | 1.82  |
| 9       | KPL         | Yes                                       | 77.78                                    | 79.2  | 50                                                                                       | 66.9  | 22.8                         | 23    |
| 10      | VPA         | Yes                                       | 80                                       | 83.3  | 34.9                                                                                     | 51    | 17.53                        | 27    |
| 11      | PPA         | Yes                                       | 59                                       | 68    | 0.1                                                                                      | 0.25  | 17.66                        | 20.9  |
| 12      | SMPA        | Yes                                       | 36.8                                     | 37.8  | 4.2                                                                                      | 5.6   | 34.5                         | 34.5  |

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