

GOVERNMENT OF INDIA  
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 2874**  
ANSWERED ON 25/03/2025

**PROGRESS IN INDIA'S GREEN SEA TRANSITION**

2874. DR. KALPANA SAINI:  
SHRI BABURAM NISHAD:

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

- (a) the mechanisms that are available to track and publicly report on India's green sea transition progress;
- (b) whether any special training programmes are being conducted by Government to train maritime workers in green shipping technologies;
- (c) if so, the details thereof;
- (d) whether Government has set any specific carbon emission reduction targets for India's maritime sector in line with the "Amrit Kal Vision 2047"; and
- (e) if so, the details thereof?

**ANSWER**

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

(a) The Ministry of Ports, Shipping and Waterways (MoPSW) has launched "Harit Sagar" green port guidelines in May 2023 for Major Ports. These guidelines provide a framework for tracking and publishing the data related to Environmental Performance Indicators.

(b) & (c) The Government of India, through the Directorate General of Shipping (DGS), has initiated following training programs to equip maritime workers with the necessary skills for emerging green shipping technologies, particularly focusing on ships using fuels covered under the International Code of Safety for Ships using Gases or other Low-Flashpoint Fuels (IGF Code):

- i. Basic Training for Ships Using Fuels Covered within the IGF Code.
- ii. Advanced Training for Ships Using Fuels Covered within the IGF Code.

Both these training programs aim to enhance the competence of maritime workers in handling alternative fuels and advanced fuel systems, contributing to the Government's commitment towards green shipping and sustainable maritime development.

(d) & (e) The following targets have been set in line with the Amrit Kaal Vision 2047, which places significant emphasis on transforming India's maritime sector into an environmentally sustainable industry through comprehensive green initiatives:

- i. Carbon Emissions reduction - To reduce carbon emissions per ton of cargo by 30% by 2030 and an ambitious 70% by 2047.
- ii. India has ratified Hong-Kong Ship Recycling Convention, which will come into force from June 2025.
- iii. Development of 5 Green Hydrogen/Ammonia hubs and 1000+ green vessels in the country by 2029.
- iv. Renewable Energy Adoption - 60% renewable energy adoption across all major ports by 2030, scaling to 90% by 2047.
- v. Promotion of coastal shipping as an energy-efficient alternative.
- vi. Implementation of Shore to Ship Power Supply.

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