

GOVERNMENT OF INDIA  
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2660**  
ANSWERED ON 04.08.2023

**CLEAN AND GREEN ENERGY IN PORT**

2660. SHRI S. JAGATHRAKSHAKAN:

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

**पत्तन, पोत परिवहन और जलमार्ग मंत्री**

- (a) whether the government is planning to lay emphasis on use of Clean/Green energy in Port operation, developing Port capabilities for storage, handling and bunkering Greener Fuels;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefor?

**ANSWER**

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

(a) & (b) Yes, Sir. The Ministry of Ports, Shipping and Waterways has launched "Harit Sagar" Green Port Guidelines to reduce carbon intensity and to develop an environment-friendly ecosystem at Major Ports with the participation of all stakeholders. Under these guidelines, various green interventions such as electrification of Port Equipments, use of greener fuels in Port crafts, creation of infrastructure at select Ports for storage, bunkering, and refueling of Green Hydrogen and its derivative, increase share of renewable energy etc. have been provided.

(c) Does not arise.

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