

GOVERNMENT OF INDIA  
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

**LOK SABHA**  
**UNSTARRED QUESTION NO. 4284**  
ANSWERED ON 20.12.2024

**WIND-ASSISTED SHIPS**

4284. SHRI MADHAVANENI RAGHUNANDAN RAO:

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

**पत्तन, पोत परिवहन और जलमार्ग मंत्री**

- (a) whether the Government has any plans to encourage Indian shipyards to build wind-assisted ships and other vessels;
- (b) if so, the details thereof;
- (c) whether it is a fact that wind-assistance is being used by gigantic oil tankers in some countries;
- (d) if so, the details thereof; and
- (e) the steps proposed to be taken to encourage the firms working in green energy into shipping sector?

**ANSWER**

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

(a) to (e) Wind assisted propulsion has been fitted on oil tankers in some countries, for example, Maersk Tankers introduced wind-assisted propulsion system (WAPS) to its fleet in 2018 with the installation of rotor sails on the Maersk Pelican.

The various plans to encourage Indian shipyards to build wind- assisted ships and other vessels and steps taken to encourage the firms working in green energy into shipping sector are listed below:

- (i). To increase indigenous shipbuilding with regard to modern technologies and machinery, the Ministry has amended the Shipbuilding Financial Assistance Policy(SBFAP) guidelines to include
  - a) Wind farm installation vessels and construction of sophisticated dredgers as specialized vessels which are eligible to get higher financial assistance, over and above ₹40 Crores which is upper limit for non-specialized vessels.
  - b) Financial assistance of 30% for vessels where main propulsion is achieved by means of green fuels such as Methanol/ Ammonia / Hydrogen fuel cells,

c) Financial assistance of 20% for vessels with electric means of propulsion or vessels fitted with hybrid propulsion system.

(ii) Ministry of Ports, Shipping & Waterways has launched the Green Tug Transition Programme (GTTP) which aims to reduce carbon emissions and minimize environmental impact by encouraging adoption of environmentally sustainable tugboat operations.

(iii) Government has launched the Harit Nauka guidelines for inland vessels which aim to promote the adoption of greener technologies in inland waterway vessels.

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