

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS

LOK SABHA
UNSTARRED QUESTION NO. 841
ANSWERED ON 07.02.2025

GREEN TUG TRANSITION PROGRAMME

841. SMT. POONAMBEN HEMATBHAI MAADAM:
SHRI HARIBHAI PATEL:

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

पत्तन, पोत परिवहन और जलमार्ग मंत्री

- (a) the details and objectives of the Green Tug Transition Programme (GTTP);
- (b) the details of the total cost, date of commencement, and the ports included in the first phase of the initiative;
- (c) whether the initiative is aligned with the Maritime AmritKaal Vision 2047 introduced in the year 2023, if so, the details thereof;
- (d) the steps taken by the Government for transition to greener and more sustainable alternatives in maritime sector since January 2021;
- (e) the amount of funds allocated and disbursed for the GTTP for the FY 2024-25;
- (f) the details of the conventional fuel-based harbor tugs identified for transition to greener and more sustainable alternatives under the GTTP in next five years; and
- (g) whether the Government is considering expanding the aforementioned programme to include other components in next ten years, if so, the details thereof?

ANSWER

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

(a) The Green Tug Transition Program (GTTP) aims to transition India's harbour tug fleet from conventional diesel-powered vessels to greener alternatives. This is achieved through a phased approach spanning five phases from 2024 to 2040. The transition is designed to be seamless, allowing for a gradual phasing out of traditional tugs.

(b) The GTTP was launched on August 16, 2024. Four Major Ports, viz. Jawaharlal Nehru Port Authority, DeendayalPort Authority, V.O. ChidambaranarPort Authority and ParadipPort Authority have been selected in Phase 1 of GTTP with the target of procuring / hiring at least two green tugs by each port.

(c) The GTTP is directly aligned with the Maritime AmritKaal Vision 2047, which aims to reduce GHG emissions from port vessels by 30% by 2030. The GTTP's focus on reducing emissions from harbour tugs contributes significantly to this broader goal.

(d) Ministry of Ports, Shipping and Waterways (MoPSW) launched the HaritSagar Green Port Guidelines to provide a framework to Major Ports for sustainable development and reduction in carbon footprint through various green initiatives at Major Ports.

(e) MoPSW has not disbursed any funds for the GTTP for FY 2024-25, as the GTTP intends to utilize the ports' own resources.

(f)&(g) GTTP aims to transition at least 30% of the operational tug fleet (both owned and chartered) at all Major Ports to greener and more sustainable alternative fuels by 2030. GTTP is envisaged to be implemented in a phased manner with completion scheduled by 2040 to facilitate a seamless transition of the Harbor tug fleet in the Ports in India from existing diesel fueled tugs to green tugs. It will help reduce carbon emissions, support the Paris Agreement, and contribute to achieving net-zero GHG emissions in the shipping sector.
