

GOVERNMENT OF INDIA
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
DEPARTMENT OF FISHERIES

LOK SABHA
UNSTARRED QUESTION NO.429
TO BE ANSWERED ON 22nd JULY, 2025

Sustainable Modernisation of Fisheries Infrastructure

429. Shri Captain Brijesh Chowta:
Shri Godam Nagesh:
Shri Vishweshwar Hegde Kageri:
Shri Parbhubhai Nagarbhai Vasava:
Shri Naba Charan Majhi:
Dr. Hemant Vishnu Savara:
Shri Rajkumar Chahar:

Will the **Minister of FISHERIES, ANIMAL HUSBANDRY AND DAIRYING** be pleased to state:

- (a) the steps being taken by the Government to modernise, green and expand the fisheries infrastructure under initiatives such as Eco-Fishing Ports, Smart Harbours and the Blue Ports Initiative;
- (b) whether there are any targeted interventions being undertaken by the Government to integrate environmental sustainability, digital technologies and climate resilience in fishing harbours and if so, details thereof; and
- (c) the details of collaborations with international agencies such as Agence Française de Développement (French Development Agency), Food and Agriculture Organization (FAO) and Multilateral Development Banks for capacity building and financing?

ANSWER

MINISTER OF STATE FOR FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
(SHRI GEORGE KURIAN)

- (a) : The Department of Fisheries, Ministry of Fisheries, Animal Husbandry and Dairying is implementing a flagship scheme namely 'Pradhan Mantri Matsya Sampada Yojana' (PMMSY) with an investment of Rs.20,050 crore in all States/ Union Territories for a period of 5 years from financial Year 2020-21 to 2025-26 to bring about Blue Revolution through sustainable and responsible development of fisheries sector and welfare of fishermen in India. The Development, Modernisation and Expansion of Fisheries Infrastructure in form of Fishing Harbour with smart and green components based on Eco-Fishing Ports and Blue Port Initiative of Food and Agriculture Organisation (FAO) is one of the important areas envisaged and being supported under Pradhan Mantri Matsya Sampada Yojana (PMMSY).

- (b) The targeted interventions has been undertaken by the Government to integrate environmental sustainability, digital technologies and climate resilience in fishing harbours and the Department of Fisheries, Government of India has approved three Smart and Integrated Fishing Harbour at Vanakbara in Diu, Karaikal in Puducherry and Jakhau in Gujarat respectively with a total estimated cost of Rs 369.8 Crore under Pradhan Mantri Matsya Sampada Yojana (PMMSY). The Development of Smart and Integrated Fishing Harbour in India represents an innovative approach to modernizing fishing infrastructure while prioritizing environmental sustainability, efficiency, and safety. Implementation of smart technologies in fishing harbour by improving operations, enhancing safety measures, and promoting sustainable practices. Such fisheries infrastructure projects are taken up on cost sharing basis between the Central and the concerned State on 60:40 ratio. The important components of Smart and Integrated fishing harbours project are: (i). Smart Technology (Digital Infrastructure, Online auction facility, Port Website, Artificial Intelligence Tools, IoT devices, sensors communication networks, software, hardware, data management system, analysis, visualization etc.) (ii) Communication and Connectivity (Internet connectivity, satellite communication system, wireless networks, networking equipment's and cyber security measures) (iii). Safety Equipments (iv) Security Measures (v). Navigational and Radio- communication equipment (vi). Renewable energy system such as solar power etc. (vii). Rain water harvesting system (viii). Energy Efficient LED lighting system (ix). Waste processing equipment's (x). Fish Handling System (Tripod, Conveyor) (xi). ETP (xii). Automated systems (Crane, Conveyor for carrying ice) (xiii). Greeneries and landscaping etc.
- (c) The Department of Fisheries, Ministry of Fisheries, Animal Husbandry and Dairying, Government of India had in March, 2025 signed an agreement of Technical Cooperation Programme (TCP) with Food and Agriculture Organization of the United Nation (FAO) for Strengthening of Blue Ports in India. Also, the Department of Fisheries, Government of India in collaboration with French Development Bank (AFD) has conducted workshop on concept of Eco-Fishing Port in May, 2025. Further, the department is implementing "Pradhan Mantri Matsya Kisan Samridhi Sah-Yojana (PM-MKSSY)", a Central Sector Sub-scheme under the Pradhan Mantri Matsya Sampada Yojana for formalization of the fisheries sector and supporting fisheries micro and small enterprises with an investment of Rs. 6,000 crores. The PM-MKSSY is an external aided project with Rs.1500 crore as loans from World Bank (Rs.1125 Crore) and AFD (Rs.375 Crore).
