

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2181**  
TO BE ANSWERED ON 05.08.2024

**Conservation and Management of Mangroves**

2181. SHRI K C VENUGOPAL

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether the State Government of Kerala has submitted a management action plan for the 'Conservation and Management of Mangroves in Vembanad and Kannur Regions', if so, the details thereof;
- (b) the reaction of the Government thereto,
- (c) whether the Government proposed to sanction assistance for survey assessment, demarcation, and community participation in this conservation project; and
- (d) whether the Government has any plans for the conservation of Mangroves in other regions of Kerala State, if so, the details thereof?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(SHRI KIRTI VARDHAN SINGH)

(a) to (c) The State Forest Department of Kerala submitted a Management Action Plan for Conservation and Management of Mangroves in Vembanad and Kannur in 2022-23 for ₹219 lakhs and ₹185 lakhs respectively. The Ministry of Environment, Forest and Climate Change (MoEFCC), under the scheme of Conservation and Management of Mangroves and Coral Reefs, issued administrative approval in 2022-23 itself for ₹ 89.21 lakhs and ₹78.45 lakhs for Vembanad and Kannur respectively with 60:40 funding pattern (60% as Central share and 40% as State share).

The Management Action Plan was sanctioned with the provision of core activities and ancillary activities as given below:

<b>Core Activities</b>	<b>Ancillary activities</b>
Promotion of Agroforestry	Extension and awareness
Obligatory maintenance of seedlings raised and raising coastal shelter belt plantations	Providing alternate livelihood options for mangrove dependent people
Providing human resources based livelihood to reduce dependence on mangrove resources	Entry point activities (drainage, sanitation, drinking water facility, family health care activity etc.)

<b>Core Activities</b>	<b>Ancillary activities</b>
Afforestation	Research and Development

(d) The “Mangrove Initiative for Shoreline Habitats & Tangible Incomes” (MISHTI) scheme has been launched by MoEFCC on 5<sup>th</sup> June 2023 to restore and promote mangroves as unique, natural eco-system and for preserving and enhancing the sustainability of the coastal habitats. This programme covers approximately 540 sq km area across all coastal States and Union Territories including Kerala. A total of ₹ 66.6 lakhs have been released to the State of Kerala for mangrove restoration activities over an area of 13ha, in Kannur District during 2024-25.

\*\*\*\*