



# SUSTAINABLE SANDHAI

## A 'CARBON NEUTRAL' KOYAMBEDU MARKET



Sponsor



Partner

## About the Project

The Tamil Nadu Government's Ministry of Environment, Climate Change, and Forest Department awarded a project to the Indian Institute of Technology Madras (IITM) on 15<sup>th</sup> July 2023. This project titled 'Sustainable Sandhai – A carbon-neutral Koyambedu market' is a collaboration with the Chennai Metropolitan Development Authority (CMDA), Tamil Nadu Pollution Control Board (TNPCB), and Greater Chennai Corporation (GCC). The project is supported by a grant of Rs. 1.357 Crores.

To effectively achieve the project objectives, IITM has outlined plans across several domains, Encompassing Waste Management, Water Supply and Sanitation, Stormwater Management and Rainwater Harvesting, Building Structure & Engineering for Sustainability, Energy Utilization and Carbon Footprint, Traffic & Transportation, and Social Survey & Stakeholders Mapping. The teams have been formed for each domain, comprising IITM Faculty members, Consultants, Project Staff, and students. The project progress is structured in four stages: Inception Report, Status Quo Report, Concept Project Report, and Detailed Project Report (DPR).



