

Funded by Mekong-Republic of Korea Cooperation Fund (MKCF)



Project Snapshot

MAPPING THE PLASTIC LITTER LEAKING INTO THE WATERWAYS OF MEKONG COUNTRIES AND PROVIDING INNOVATIVE SOLUTIONS FOR EFFICIENT WASTE MANAGEMENT

Background

Regional efforts have been made in the SEA to combat the plastics pollution issue (e.g. ASEAN Framework of Action on Marine Debris). Despite these efforts, harmonized solutions at the regional level, particularly in Mekong countries, remain lacking.

Proposal: Implementing an integrative approach for detecting, mitigating, and preventing plastic leakage, aiming for replicability throughout the region.

Duration

2 years and 3 months (March 2024 - May 2026)

Partners/Stakeholders



Integrated Approach



- Plastic Leakage Hotspot Maps
- Awareness raising among communities and schools
- Develop educational scheme on zero-waste and circular economy

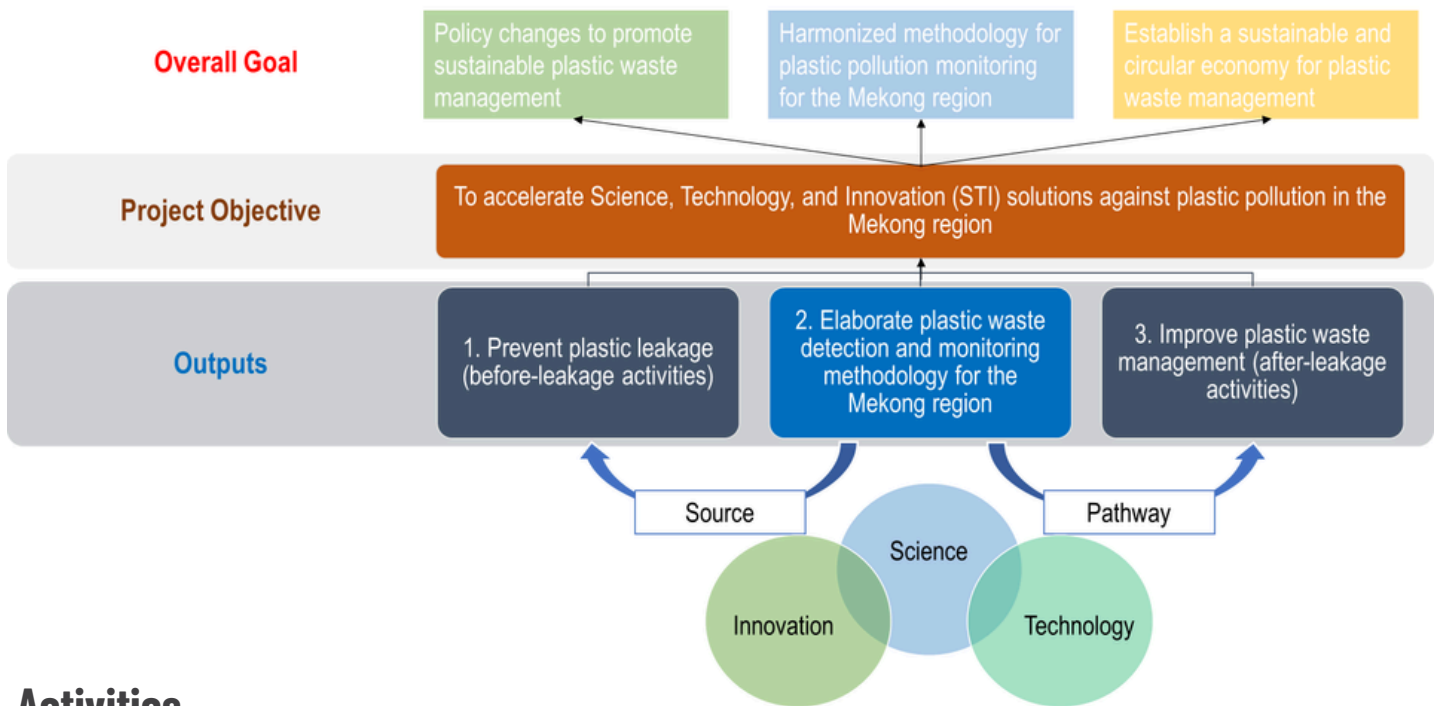


- AI-CCTV to detect and characterise riverine plastic waste
- Centralised Database for the monitoring of floating plastic waste
- Clean-up activities
- Capacity building to improve local waste management
- Upcycling workshop

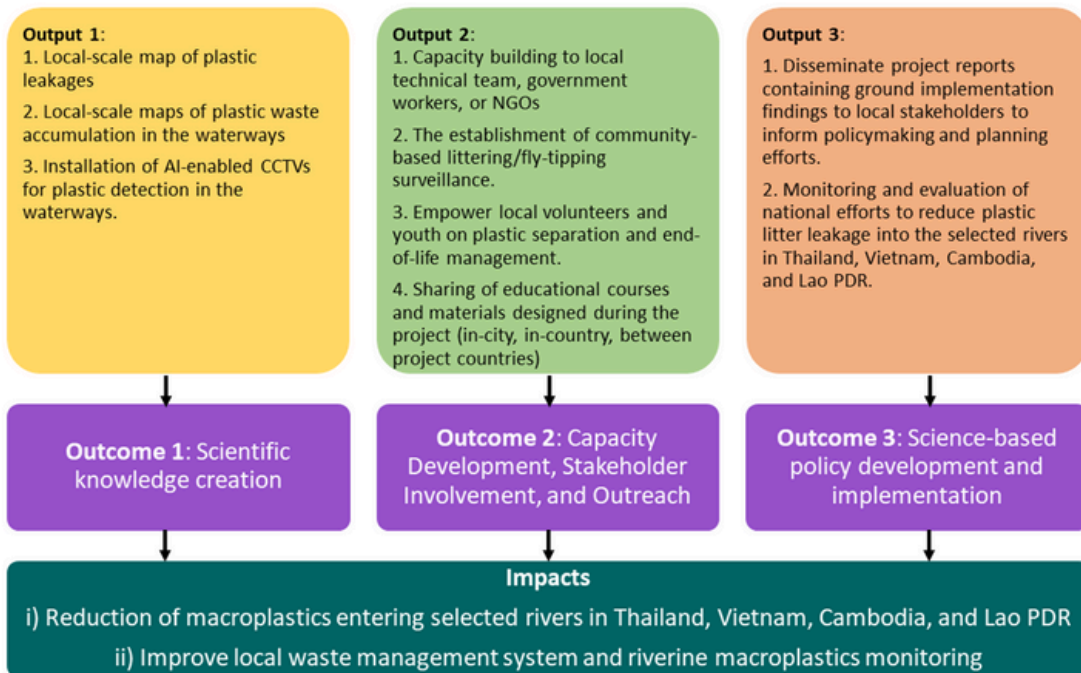
Objectives

- To implement actions/interventions to raise awareness on plastic pollution effect on environment and public health among high-risk communities.
- To promote the adoption of sustainable practices and technologies to reduce plastic waste and improve waste management.
- To accelerate Science, Technology, and Innovation (STI) solutions against plastic pollution in the Mekong Region.
- To pilot community-based waste management schemes for plastic waste in selected areas of the Mekong countries.

Theory of Change



Activities



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