



everwave

# CLEAN UP MISSION CAMBODIA 2023 - 2025



Sovann Nou,  
Executive Director  
River Ocean Cleanup  
Tel: 855-96 2322333  
sovann@ro-c.org



**Samdech Akka Moha Sena Padei Techo HUN SEN Prime Minister of Cambodia**

At Sea Festival December 10, 2022, Samdech highly recommended River Ocean Cleanup - everwave (Mr. Sovann Nou, Executive Director, ROC & Ms. Jacky Plaster, Project Manager, everwave) with the National Committee for Clean City Assessment (H.E H Rithy Huot, Deputy Secretary General of NCCA, Ministry of Tourism) to continue the River Cleanup Mission throughout Cambodia to keep our water clean.

Ministry of Tourism) to continue the River Cleanup Mission throughout Cambodia to keep our water clean with the National Committee for Clean City Assessment (H.E H Rithy Huot, Deputy Secretary General of NCCA (Mr. Sovann Nou, Executive Director, ROC & Ms. Jacky Plaster, Project Manager, everwave) At Sea Festival December 10, 2022, Samdech highly recommended River Ocean Cleanup - everwave

# Vision

## Waste-Free Rivers

(Mekong, Tonlé Sap, Bassac Rivers)

# Mission

**01 PARTNERSHIP      02 TECHNOLOGIES**

To build strong public, private & people partnerships that address plastic pollution in the rivers and create long lasting impacts.

To apply latest river cleanup technologies that are effective and efficient. The used garbage boat is equipped with drones and AI, that capture waste streams and gather important data to support recycling and environmental education.

**03 SCALABILITY      04 SUSTAINABILITY**

To start in Phnom Penh as it is the perfect operation site, given the geographical situation, where Mekong, Tonlé Sap and Bassac confluence. The project then can be extended from here to all riverine cities/provinces.

To set fundamental stones to strengthen international cooperation and tourism and create a livable environment. The project runs on local and International funding, sponsors and a long-term support from the government.



everwave អង្គការសំអាតទន្លេ សមុទ្រ  
River Ocean CLEANUP

# OFFICIAL LAUNCH

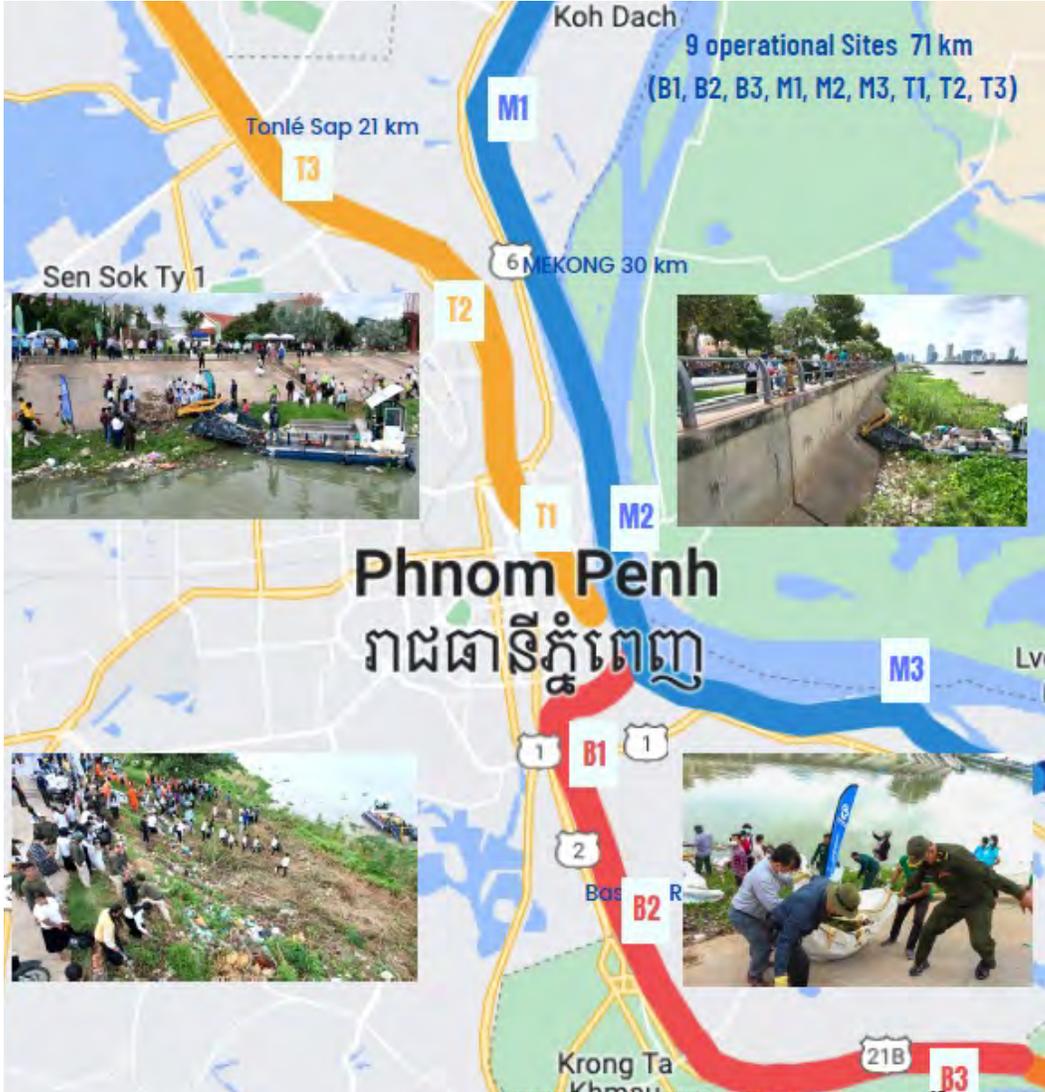
PRESIDED OVER BY H.E. THONG KHON,  
CHAIRPERSON OF THE NATIONAL COMMITTEE FOR CLEAN CITY ASSESSMENT,  
MINISTRY OF TOURISM

# CLEANUP MISSION CAMBODIA

## PROJECT OVERVIEW – KEY ACTIVITIES

- 1- **Cleanup River** - Remove plastic waste, river & marine debris and all other floating debris
- 2- **Cleanup Land** - 200 meters from the rivers need to be cleaned to avoid plastic waste from falling into the rivers – Collection companies in Phnom Penh
- 3- **Recycling** - own **sorting facility**
- 4- **Education** - Villagers along the rivers and school based primary students
- 5- **Infrastructure** - Identify basic infrastructure need to motivate citizen to better manage household waste, evaluate current existing waste management system & build up waste management system
- 6- **Law enforcement** - Identify key actions to ban citizen from littering the rivers after cleaning, legal enforcement by local authorities, kickstart potential for new regulations and laws

# 2022



# FROM 2023: WAY FORWARD



# KPIs

## By the end of 2022 (Phnom Penh)

- 1 Garbage Boat shipped by everwave from Germany
- 1 Facility (Zero-Waste Center) set up to sort the materials by categories (Recyclable & Non)
- 200 Tons of materials collected from the rivers and riverbank
- 150 Clean Agents recruited and trained
- 25 cleanup events/sites organized (300-500 volunteers)

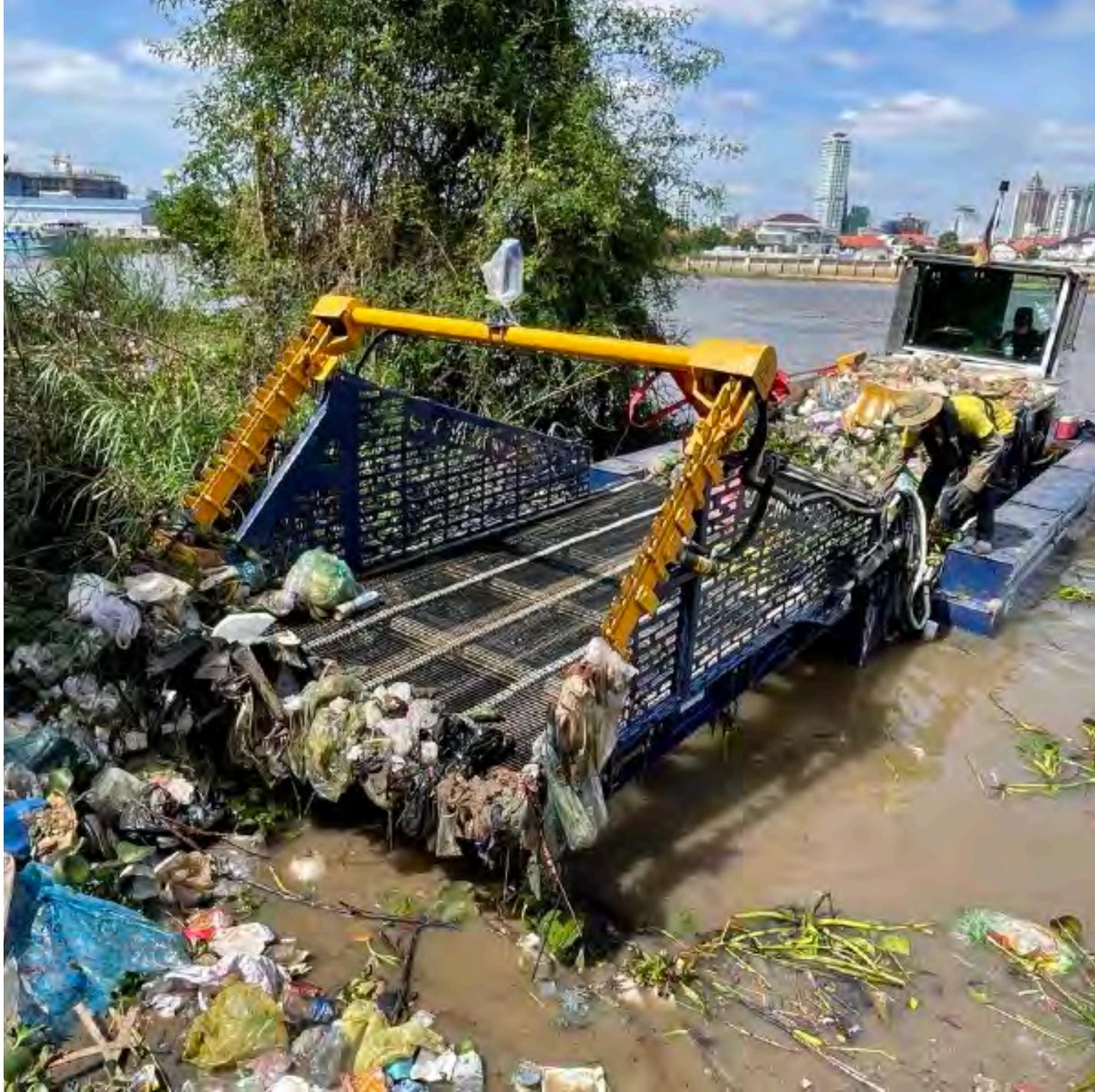
## By the end of 2025 (Countrywide - Mekong, Tonlé Sap & Bassac)

- 3 Garbage Boats shipped by everwave from Germany
- 5 Fully equipped facilities (Zero-Waste Center) set up to sort the materials by categories (Recyclable & Non), integrated micro recycling plants
- 5,000 Tons of materials collected from the rivers, riverbank and coastlines
- 1500 Clean Agents recruited and trained
- 250 cleanup events/sites organized (300-500 volunteers)
- Established corporate network for rivers
- Established students network for rivers
- 1 Floating Office, garbage boat docking station built
- Cleaner Cambodia - happier & healthier citizen and tourists .....
- **Cambodia, as a responsible country - together we can declare Mekong, Tonlé Sap & Bassac Rivers are clean!**

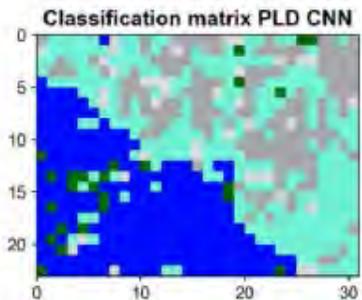
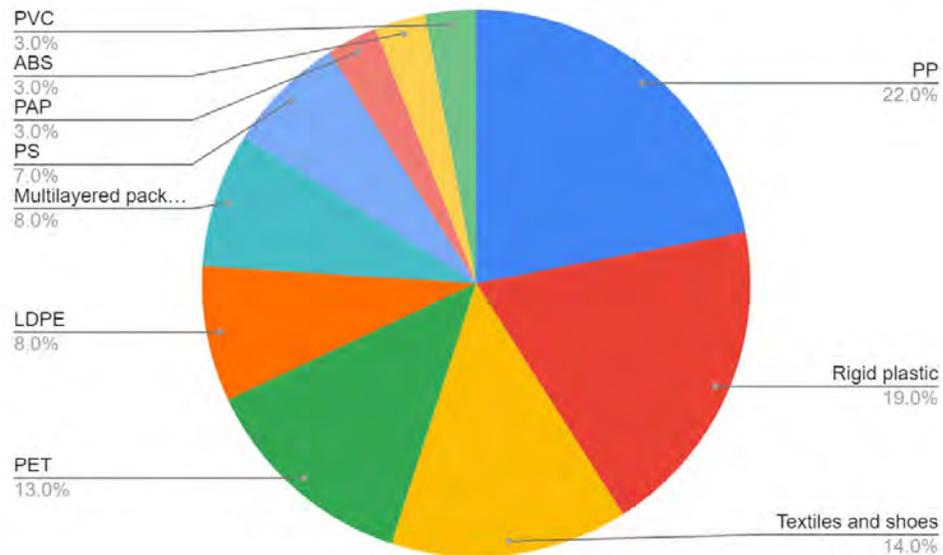


# STRENGTHS

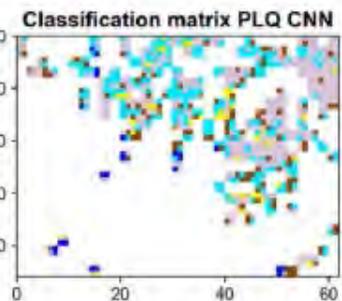
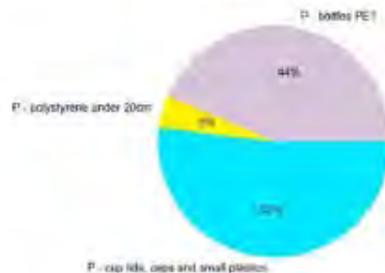
- ✓ PROVIDING A HOLISTIC SOLUTION TO RIVERINE PLASTIC ISSUES
- ✓ CLEANUP TECHNOLOGIES - GARBAGE BOAT, BARRIERS, HIVEX RIVER PLATFORM, ARTIFICIAL INTELLIGENCE
- ✓ COMMUNITY-BASED CLEAN AGENTS, (TRAINED & CERTIFIED) ALL RECEIVED FINANCIAL INCENTIVES
- ✓ FUNCTIONAL ZERO-WASTE CENTER, FULL CAPACITY TO MANAGE WASTE COLLECTED FROM RIVERS
- ✓ STRONG PARTNERSHIP WITH ROYAL GOVERNMENT OF CAMBODIA AT NATIONAL AND SUB-NATIONAL LEVELS,
- ✓ GLOBAL NETWORK IN WASTE MANAGEMENT INFRASTRUCTURE
- ✓ STUDENTS & YOUTH NETWORKS AS A KEY TO CONTRIBUTE TO KEEP RIVERS CLEAN. THEY SPREAD THE POSITIVE MESSAGE.



# DATA PROVIDED



Share of waste types



Estimated areas and pollution items - PLQ CNN

	Classifications	Est. types
P - bags LPDE thick	0	0
P - bags LPDE	0	0
P - bags robust PET	0	0
P - wrappers under 10cm	0	0
P - wrappers over 10cm	0	0
P - bottles PET	381	381
P - polystyrene under 20cm	40	40
P - polystyrene over 20cm	0	0
P - PPCP bottle	0	0
P - PPCP medical waste	0	0
P - PPCP other	0	0
P - fishing gear	0	0
P - cup lids, caps and small p	227	454
P - other plastics over 20cm	0	0
NP - rubber	0	0
NP - metal	0	0
NP - glass	1	1
NP - other	0	0
NW - sand	5	0
NW - vegetation	0	0
NW - wood	114	0
NW - water	24	0
NW - other	0	0



# FINANCE & LOGISTICAL NEED

A large group of people, including many young adults, are gathered on a sandy beach for a cleanup activity. In the foreground, there are several large black plastic bags filled with trash. Some people are holding blue and green banners. The background shows a line of trees and the ocean under a clear blue sky. The scene is bright and sunny.

- **Financial:** >\$500k (2022), \$800K (2023), \$2.14m (2024), 1.8m (2025)
- **Logistical:** Garbage Boat, 5 more sorting facilities, working boat, tricycles, folklift, motorcycle.