

# **Promotion of Counter measures against marine plastic litter in Southeast asia and India**

## **Photo-Documentation**

A storyline is created in the form of photo-documentation to effectively depict the importance of the clean-up activity that was carried out at the mentioned places.

### **Flow of Photo-documentation**

- 1. Site Photos with description**
- 2. Introductory session**
- 3. Outreach material photos (posters/banner)**
- 4. Volunteer group photos with Personal Protective equipment (PPE)**
- 5. Waste collection bag photos (numbered and labeled)**
- 6. Photos while waste collection**
- 7. Photos of weighing waste bags**
- 8. Group photo with bag full of waste (before segregation)**
- 9. Photos while documenting and entering data into datasheet**
- 10. Waste Segregation photos**
- 11. Category wise photos of waste heaps**
- 12. Interaction with stakeholders**
- 13. Before and after scenario**

## Site Photos with description



Picture No. 1: Sea coast (*top*) and dense mangrove patch with city skyline in opposite direction (*bottom*) at Sagar Vihar, Sector 8, Vashi, Navi Mumbai

*Note: This site is sea interface of a dense mangrove patch as seen in Picture No. 1. Besides this, the Navi Mumbai Municipal Corporation (NMMC) has developed garden near this site which forms an area of Sagar Vihar. This is also a tourist spot due to the same.*





Picture No. 2: Mini Sea Shore, Sector 10A, Vashi, Navi Mumbai (top and bottom)

**Note:** As seen in Picture No.2, the NMMC has developed boating facility and pathway for tourist on one side. Remaining 3 sides have presence of dense vegetation of Mangroves and native species.



## Introductory session



Picture No. 3: Participants Introduction at Sagar Vihar, Sector 8, Vashi (top and bottom)





Picture No. 4: Dr. Anjali Parasnis , Associate Director, TERI explaining about the project and its importance (top) and Mr. Lalit Kamde, Assistant Director, National Productivity Council (NPC) explaining about the standard procedure of conducting clean up activity (bottom)



## Outreach material photos



Picture No. 5: Banner prepared by TERI (top) and Hand made posters made by group of the volunteers- school students (bottom) who had attended the clean up activity



## Volunteer group photos with Personal Protective equipment (PPE)



Picture No. 6: Volunteer group photo with Personal Protective Equipment – Team Sagar Vihar (top) and Team Mini Sea Shore (bottom)



## Waste Collection bag photos (numbered and labeled)



Picture No. 7: Labeled and Numbered (6-10) waste collection bags at Sagar Vihar Location Labeled and Numbered waste collection bags (1-4) at Mini Sea Shore Location



## Photos while Waste Collection (Land Category) at Sagar Vihar



Picture No. 8: Mixed waste collection at Sagar Vihar location



## Photos while Waste Collection (Water Category) at Mini Sea Shore



Picture No. 9: Mixed waste collection at Mini Sea Shore location (top and bottom)



## Photos of weighing waste bags



Picture No. 10: Weighing of mixed waste collection bags (top and bottom)



**Group photo with bags full of waste (before segregation) at both the locations**



**Picture No. 11: Participants photo with collection bags filled with mixed waste at Sagar Vihar (top) and at Mini Sea Shore (bottom)**

*Note: Four extra bags were used at Mini Sea shore as amount of waste collected was more than expected*



## Photos while documenting and entering data into datasheet



Picture No. 12: Data recording and entry into the data sheet



## Waste segregation-One bag at a time



Picture No. 13: Participants segregating mixed waste on blue sheet as per UNEP guidelines (top and bottom)



## Waste Segregated in 10 Categories

(Biodegradable- Floral offerings, paper, cardboard and Non biodegradable- Glass, multilayer packaging plastic, plastic bottles, Fabric, bags, rubber, tyres, metal, Styrofoam and other)



Picture No. 14: Mixed waste segregated as per category



Picture No. 15: Organic Waste – Floral offerings (left) and Paper-Cardboard waste (Right)





Picture No. 16: Heap of Glass waste (left) and Plastic waste with plastic bottles segregated separately (right)



Picture No. 17: Heap of Multilayer plastic packaging waste (left) and Waste Plastic bottles (right)

**Note: Waste Plastic bottles collected during clean-up activities shall be utilized by TERI for its Mega event scheduled to be on February 2<sup>nd</sup>, 2020 under this project.**





Picture No. 18: Metal waste (left) and Thermocol/Styrofoam waste (right)



Picture No. 19: Footwear (left) and Fabric (bags and clothes) (right)



## Interaction with Stakeholders



Picture No. 20: Interaction with NMMC Vashi C Ward Officials





Picture No. 21: Employees from Edelweiss Tokio also came at Sagar Vihar for Clean-up activity under Swatchha Bharat Abhiyan



Picture No. 22: Mr. Pravin Deshmukh (Senior Citizen Group, Navi Mumbai) with Dr. Anjali Parasnis, Associate Director, TERI





## Waste Disposal



Picture No. 23: Wet and Dry waste (segregated) disposal in NMMC's Ghanta Gadi (Collection Vehicle)





Picture No. 24: Mini Sea Shore Team disposing their collected waste in NMMC's Ghanta Gadi at Sagar Vihar

***Note: All collected waste from Mini Sea Shore location was brought to Sagar Vihar as the waste pick up point was Sagar Vihar***



## Before and After scenario



Picture No. 25: Scenario at Sagar Vihar location

**Note:** At this particular location, due to site conditions only accessible areas were covered for clean up





Picture No. 26: Removal of waste stuck in Mangrove at Sagar Vihar





Picture No. 27: Scenario at Mini Sea Shore location



**Thank You**