



Identifying and quantifying plastic contaminant sources and leakages into the aquatic environment

European Commission/UNEP Project

ietc@un.org

EC/UNEP Project on plastic pollution in aquatic environments

1. Overview
2. Outcome
3. Outputs and activities
4. Management structure
5. Workplan and timeline



EC/UNEP Project on plastic pollution in aquatic environments

Approved in 2023

Period of implementation Sep/2023 – Aug/2026

Core objective Establish a practical methodology to identify and quantify sources of plastic pollution in the aquatic environment

Background

Based on the expertise of UNEP IETC, and the work of UNEP Marine Litter Programme in Ecosystems Division and the Global Environment Monitoring System (GEMS) in Science Division; as well as the experiences of the water and marine programmes of the European Commission Directorate-General for the Environment

1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline

EC/UNEP Project on plastic pollution in aquatic environments

1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline

Expected outcome

Information on sources/leakages of plastics entering aquatic environment is available and used to establish baselines/targets/objectives within aquatic plastic pollution management programmes.

Underlying assumption

- (i) there is a sufficient scientific basis to develop a practical toolkit
- (ii) interests of Member States and communities to use the toolkit are well expressed and linked

External drivers

Increasing plastic waste; and Increased use of plastics for human lives

EC/UNEP Project on plastic pollution in aquatic environments

1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline

Output 1. A toolkit to identify and quantify sources/leakages of plastic waste entering aquatic environment

Activities: 1.1 Organisation of working group meetings; 1.2 Compilation of existing methodologies and models; 1.3 Development and finalisation of a target toolkit

Output 2. Source/leakage inventory of plastics entering the aquatic environment in Kenya applying the toolkit

Activities: 2.1 Identification of a pilot country; 2.2 Participatory data collection; 2.3 Application of the toolkit

Output 3. Communication and visibility of the project results through the existing water agreements and a future legally binding agreement on plastic pollution

Activities: 3.1 Development of information materials. 3.2 Organisation of events on key occasions; 3.3 Dissemination of outreach/advocacy materials

Pilot country selected: Kenya

18 FEB 2021 STORY NATURE ACTION

Kenya emerges as leader in fight against plastic pollution



unep.org/news-and-stories/story/kenya-emerges-leader-fight-against-plastic-pollution

- willingness to develop comprehensive action plans on plastic pollution and marine litter
- one of the priority countries under UNEP One Plastics Initiative
- EU-funded project, GO Blue, under implementation in the country
- 3Circular Economy has been identified as one of the priority areas by the UN Country Team
- UNEP Headquarters is based in Nairobi

ietc@un.org

EC/UNEP Project on plastic pollution in aquatic environments

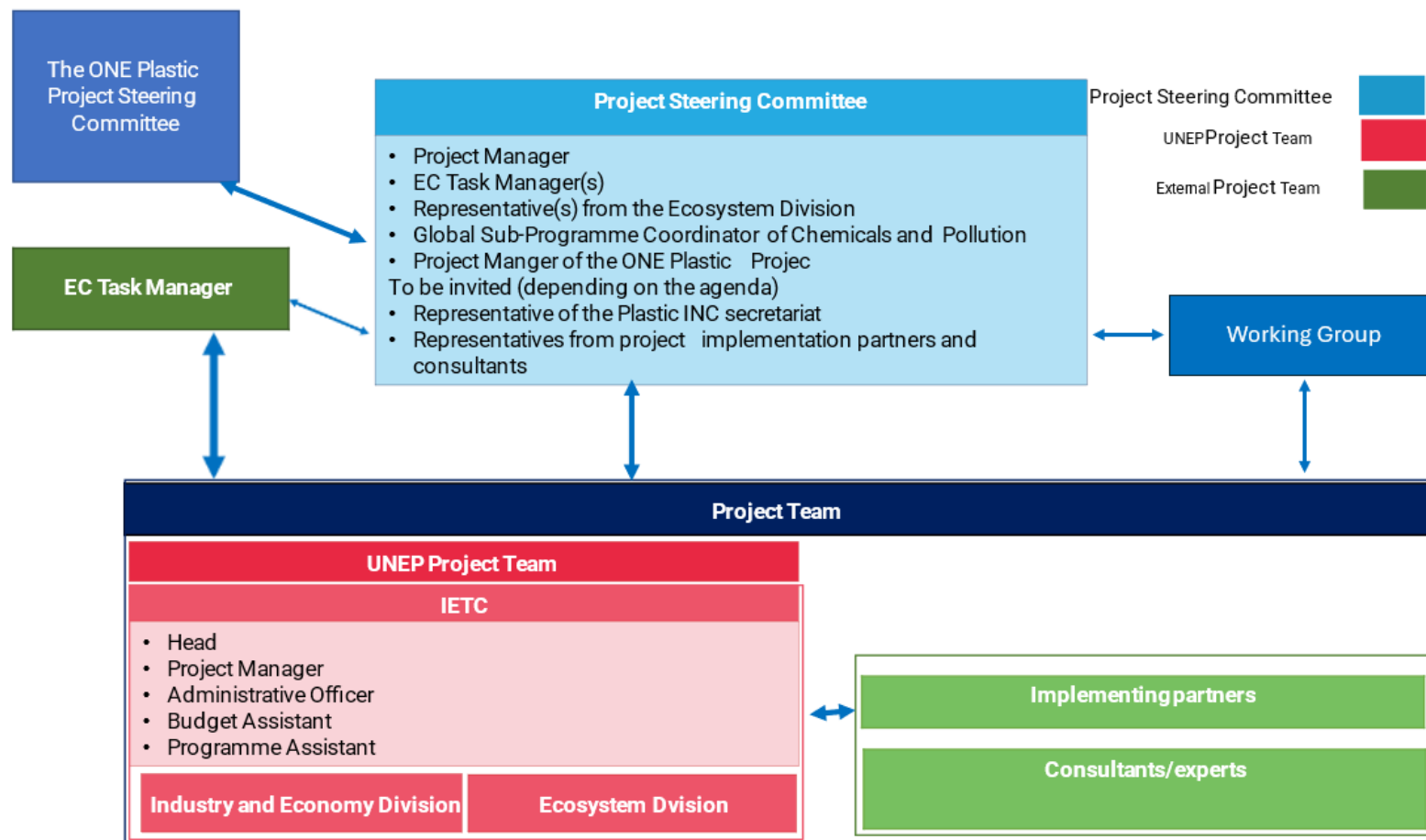
1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline



EC/UNEP Project on plastic pollution in aquatic environments

Steering Committee members

Dagmar Behrendt Kaljarikova, EC task manager

Ekaterina Poleshchuk, UNEP Early Warning and Assessment Division

Feng Wang, UNEP One Plastics Initiative

Heidi Savelli-Soderberg, UNEP Ecosystems Division

Felipe Dall, UNEP IETC (Project Manager)

1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline

EC/UNEP Project on plastic pollution in aquatic environments

Working Group members

1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline

10 to 15 (*to be defined*)

Regional and gender balance

National (from Kenya) vs international balance

EC/UNEP Project on plastic pollution in aquatic environments

1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline

UNEP managers

Project Manager

Felipe Dall, UNEP IETC

Fund Management Officer

Lucy Halogo, UNEP Headquarters (*tbc*)

EC/UNEP Project on plastic pollution in aquatic environments

Consultants

1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline

- 1. Project coordinator**
 - 12 months
 - Pending selection
- 2. Project researcher**
 - 2 months
 - Pending contracting process

EC/UNEP Project on plastic pollution in aquatic environments

1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline

Potential partners in Kenya

Kenya National Environment Management Authority

Public and private Associations (Kenya Association of Manufacturers, Kenya Private Sector Association, Kenya Resource Efficiency and Circular Economy Group, Nairobi Convention secretariat)

Plastic product production companies and waste management companies (plastic producers, Taka Taka Solutions, Mr. Green, etc.)

WWF-Kenya

Research institutions (Kenya Marine Fisheries Research Institute, University of Nairobi)

River basin organisations and coastal management organisations (Athi River Development Authority, Nairobi River Commission)

EC/UNEP Project on plastic pollution in aquatic environments

1. Overview

2. Outcome

3. Outputs and activities

4. Management structure

5. Workplan and timeline

Output	Main actors involved	2023	2024				2025				2026	
		Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
1. Toolkit development	PM, PC, RC, WG											
2. Toolkit application	PM, PC, WG, SC											
3. Communication and outreach	PM, PC, CT											
Other activities												
Steering Committee meetings	PM, SC											
Working Group meetings	PM, PC, WG											

PM: Project Manager, PC: Project coordinator, RC: Researcher consultant, WG: Working Group, SC: Steering Committee, CT: UNEP Comms teams.

Thank you



UN 
environment
programme

ietc@un.org

United Nations Avenue, Gigiri
PO Box 30552 – 00100 GPO Nairobi, Kenya

www.unep.org