



The Global Plastics Hub of the Global Partnership on Plastic Pollution and Marine Litter (GPML)

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United Nations Environment Programme



Global Partnership
on Plastic Pollution
and Marine Litter



The GPML and the Global Plastics Hub



<https://globalplasticshub.org/>

Global Partnership on Plastic Pollution and Marine Litter (GPML):

- The largest global multi-stakeholder partnership addressing plastic pollution and marine litter
- Unites governments, civil society, academia, private sector
- Steering Committee, UNEP provides secretariat support

Global Plastics Hub (formerly the Digital Platform)

- Mandated by UNEA resolution 4/6
- Largest open-source, crowd-sourced platform on plastics
- Access to technical resources, good practices, data, network
- Connects stakeholders and integrates data to coordinate action
- Facilitate target setting and measuring progress

The Global Plastics Hub

The global crowd-sourced open-access platform on plastics



KNOWLEDGE HUB

2800+

Technical resources, good practices, case studies, guidelines, tools, training courses etc.

Showcase your solutions!

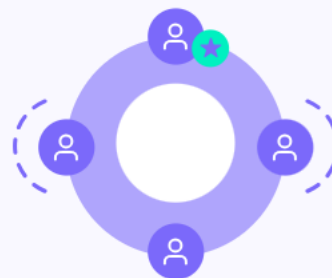


DATA HUB

80+

Indicators from global datasets visualize plastics in the economy, in waste management, legacy plastics

Use your country dashboard to visualize data and track progress!

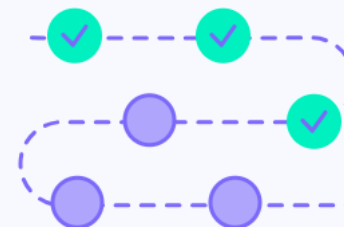


COMMUNITY HUB

2000+

Stakeholders and organizations connected to facilitate networking for collaborative action


Connect with our network!



WORKSPACE

Step by step guidance for countries to develop evidence-based national action plans / strategies

Showcases over 2,800 resources




Global Partnership
on Plastic Pollution
and Marine Litter

Knowledge Hub
Data Hub
Community

Learning Centre


ALL
ONLINE COURSE
MASTERCLASS
WEBINAR
OTHER



Closing the Loop Presents

Cities and Marine Plastic Pollution Building a Circular Economy

An open-source eLearning course by UN ESCAP




ONLINE COURSE

Closing The Loop

This course is designed to share the latest knowledge and approaches to measuring and managing marine plastic pollution from land-based sources to achieve local, national and regional goals related to sustainable development.

TAG 1
TAG 2
TAG 3
TAG 4

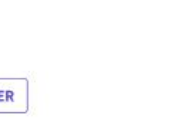


ONLINE COURSE

Beach Macro Litter Monitoring E-Course

Sustainable Seas Trust (SST) and GRID-Arendal are proud to announce the launch of a free online e-learning course for citizen scientists, focusing on marine plastic pollution. The course is based on SST's African Marine Litter Monitoring Manual 2022 Edition, developed with experts across the Western Indian Ocean (WIO) region to build capacity regarding monitoring marine plastic pollution in Africa.

TAG 1
TAG 2
TAG 3
TAG 4



ONLINE COURSE

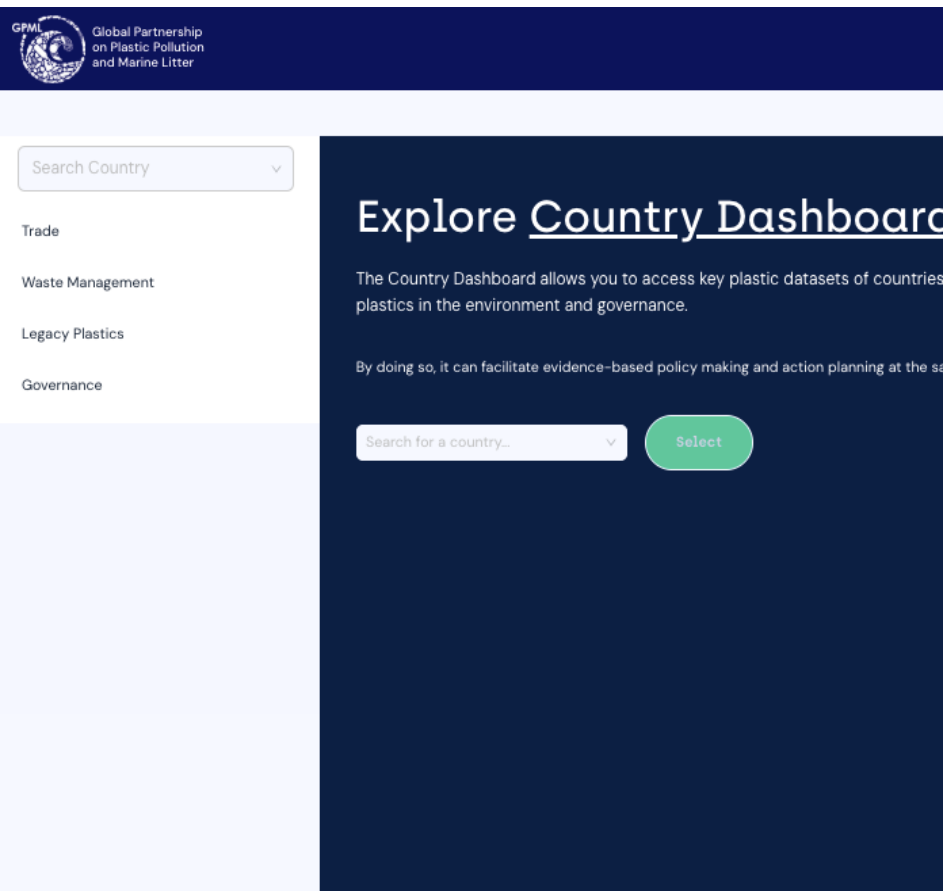
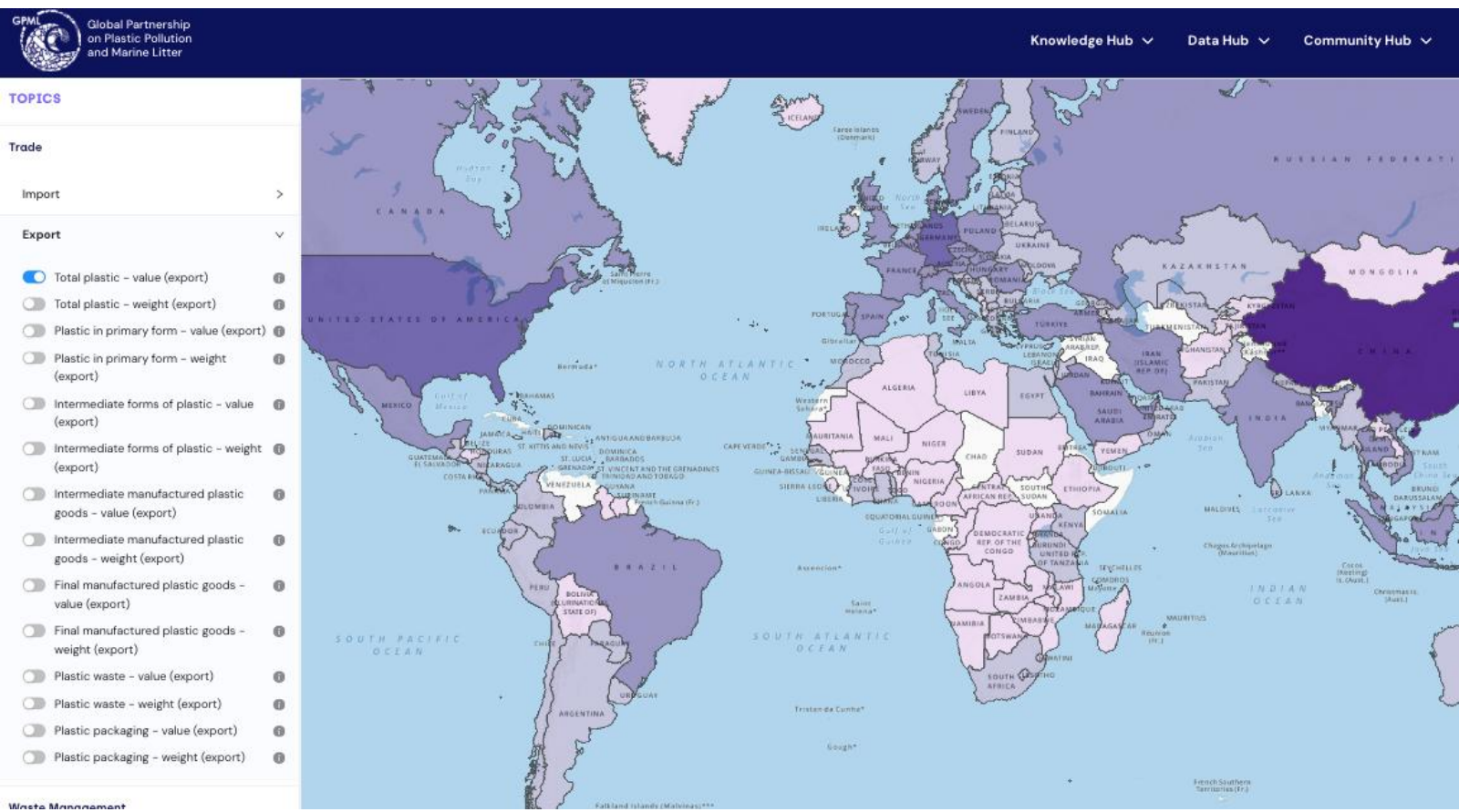
Marine Litter and Legal Frameworks

The course informs reports on waste management studies. The manual implements the management system for national waste management moving from the

TAG 1
TAG 2

Data Hub

Over 80 indicators across the plastics lifecycle visualized at global and country level



Data Hub: country dashboard

Visualize UNCTAD trade data on plastics imports and exports

← NATIONAL DATA

Kenya

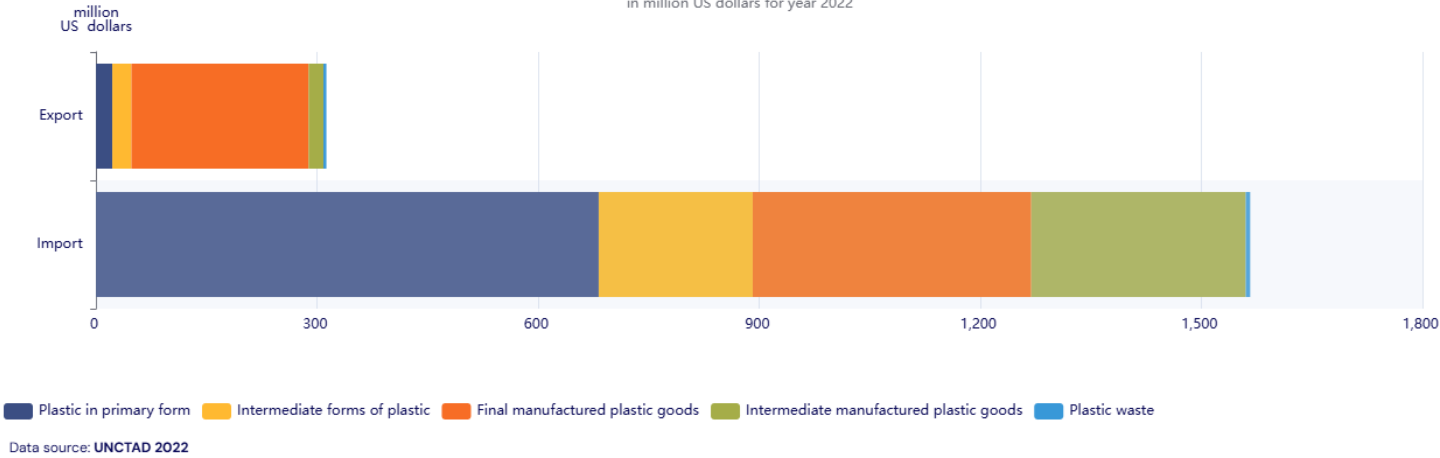
Trade

Waste Management

Legacy Plastics

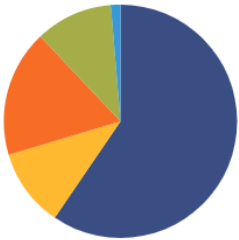
Governance

Plastic import & export value for Kenya
in million US dollars for year 2022



Plastic import by type for Kenya

In 1000 metric tons for year 2022



Plastic export by type for Kenya

In 1000 metric tons for year 2022



[View Global Data →](#)

Data Hub: country dashboard

Visualize data on plastic waste management

Kenya

- Trade
- Waste Management
- Legacy Plastics
- Governance

View Global Data →

KENYA

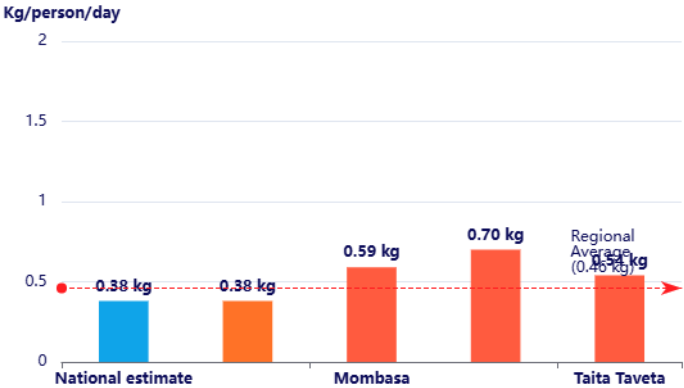
An estimated **7,244 thousand tonnes** of municipal solid waste were generated in **Kenya** in **2020**. A study on global waste management modeling showed **49 %** of municipal solid waste is collection coverage, with annual plastic emission including both debris and open burning is **602,475 tonnes per year**, which is equivalent to **12 kg/person/year**. Estimated proportion of the MSW that is being recycled was **[No data]** % in year **[No data]**.

The estimated MSW generation per capita in **Kenya** in **2020** was **0.38 kg** per person per day.

Submit Data Update

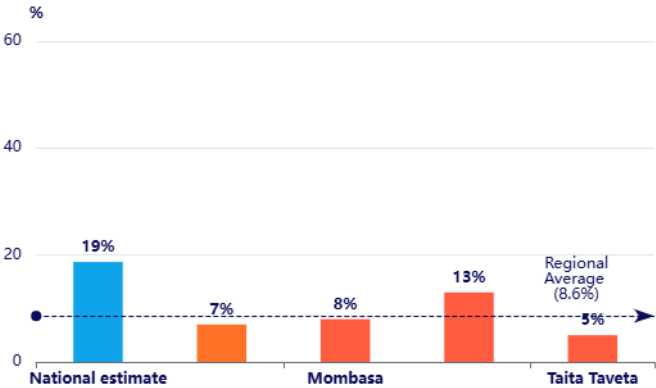
Data from selected city case studies provide further insights into waste management in **Kenya**. Primary data collection through a waste composition survey undertaken recorded that the share of plastic waste within the collected waste was **7%** in **Homabay** in **2023**, and **5%** in **Taita Taveta** in **2023**. The same primary data collection estimated that the per capita MSW generation in **Homabay** was **0.38 kg** and in **Taita Taveta** was **0.54 kg** per person per day.

Per capita MSW generation for Kenya



Data source: UNEP 2020 and UN Habitat 2021

Plastic composition in the MSW for Kenya



Data source: World Bank

Data Hub: country dashboard

Visualize data on plastics in the environment

Kenya



Trade

Waste Management

Legacy Plastics

Governance

View Global Data →

KENYA

Submit Data Update

Mismanaged plastic waste escaping to the oceans and coasts

An estimated **47.63 %** of the escaped plastic from **Kenya** ends up in the ocean and **52.37%** ends up on the coasts. Mismanaged plastic waste is defined as plastic waste material that is either littered or inadequately disposed. Inadequately disposed waste is not formally managed and includes disposal in dumps or open, uncontrolled landfills, where it is not fully contained. These estimates are based on modelled data combining land-based sources of plastic debris and their modelled movements in the rivers and ocean.

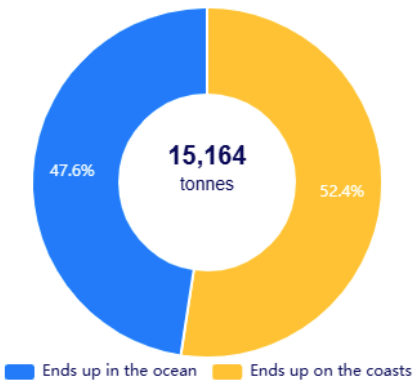
The plastic waste data are derived from global data on municipal solid waste. The used studies estimate the amount of mismanaged waste as well as the part of this waste which enters the ocean, either directly or via rivers. Mismanaged plastic waste from other countries also enters the ocean washing ashore to the coast of **Kenya**. Estimated **48,309 tonnes** of plastic from the ocean reach **Kenya** coast between **2010–2019**.

Beach litter

The national average count of plastic beach litter items in **Kenya** was **35,808** items per km² in **2020**.

Escaped plastic reaching oceans and coasts

Percentage of the escaped waste between years 2010-2019



Data source: Florida State University and UNEP, 2021

COUNTRY DEDICATED WORKFLOW

South Africa

88% COMPLETE

Forum

Instructions

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Intro

Available Tools

Available Data & Statistics

Data Collection Tools

Calculation of Indicators

Available Information

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STATE OF KNOWLEDGE ON PLASTIC DATA

Introduction

Find a presentation summary on the State of Knowledge on Plastic Data, which emphasizes the need to analyze and collect data on plastic pollution and marine litter. Stakeholder input is used to identify data gaps and weaknesses in existing sources, and this information is compiled into a State of Knowledge report. It recommends further data collection as needed, ensuring all project data is made publicly available. Additionally, effective knowledge management through the Global Plastics Hub is encouraged to keep information up-to-date and facilitate data sharing.

Download State of Knowledge Report Template

Download Slides

Plastic Production – Central Product Classification (CPC)

CPC provides complete product classification. Most relevant ones are below. Industries, plastic manufacturers associations or similar type of organization in the country might have plastic production data according to CPC.

*Full list of plastic products in CPC will be made available through Statistical Guideline

Plastics in Primary Forms (347)

Semi-manufactures of plastics (363)

Plastics in Finished Products (364, 369, etc.)

Finished Plastics Products – 100% plastics

Plastics containing products – Certain % plastics

Global Partnership on Plastic Pollution and Marine Litter

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Google Slides

Downloadable reporting template

Step-by-step technical guidance

UN

environment programme

GPML

Global Partnership on Plastic Pollution and Marine Litter

Search The Partner Network

BROWSE THE COMMUNITY BY

Resource Type

Organisations

Individuals

Geography

Africa

Asia

East Asian Seas

Europe























Latin American and Caribbean

Least Developed Countries

LLDCs

SIDs

Countries

<div><div>INDIVIDUAL</div><div>Sarah C.</div><div></div><div><div>✓</div><div>Information Management Specialist @ United Nations Environment</div></div></div>	<div><div>ORGANISATION</div><div>LDS Earth Stewardship</div></div>	<div><div>ORGANISATION</div><div>United Nations Environment Programme [UNEP]</div><div><div>✓</div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>5 Gyres Institute</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Asociación Vertidos Cero; para la Prevención, Minimización y...</div><div></div></div>	<div><div>ORGANISATION</div><div>Blue Life Ecoservices</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Chinese Research Academy of Environmental Sciences [CRAES]</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Data and Information Network Regional Activity Center [DINRAC] of...</div><div></div></div>
<div><div>ORGANISATION</div><div>The Food and Agriculture Organization [FAO]</div><div><div>✓</div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Global Action Team of Plastics Associations for Solutions on Marin...</div></div>	<div><div>ORGANISATION</div><div>Gulf of Alaska Keeper [GoAK]</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Gulf of Maine Lobster Foundation [GOMLF]</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Hellenic Marine Environment Protection Association...</div><div></div></div>	<div><div>ORGANISATION</div><div>International Maritime Organization [IMO]</div><div><div>✓</div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Jamaica Environment Trust</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Kewkradong Bangladesh</div><div><div>✓</div></div><div></div></div>
<div><div>ORGANISATION</div><div>Global Garbage</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Ministry of the Environment and Water Resources, Singapore</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Nigerian Meteorological Agency</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>National Oceanic and Atmospheric Administration [NOAA]</div><div><div>✓</div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Northwest Pacific Action Plan [NOWPAP], Regional Coordinating Unit...</div><div></div></div>	<div><div>ORGANISATION</div><div>Ocean Conservancy</div><div><div>✓</div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>Ocean Recovery Alliance</div><div><div>✓</div></div><div></div></div>	<div><div>ORGANISATION</div><div>OceanCare</div><div><div>✓</div></div><div></div></div>

Coming up: new features in the next 3 years

Be part of the solution and help to shape the Global Plastics Hub to meet your needs!



Strengthened science-policy interface through knowledge and data curation to inspire evidence-based policy making and action planning through continuous expansion of the Knowledge Hub, Data Hub and the Country Dedicated Workflow.



Improved transparency on plastics materials and associated risks through access to best available science, links to platforms on chemicals, stakeholder dialogues and capacity development, for plastics safety and sustainability.



Cumulative progress tracking mechanism that supports countries and stakeholders to track and report progress against global goals with shared Key Performance Indicators and harmonized monitoring and assessment methodologies.



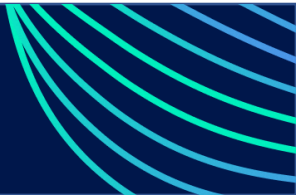
Increased investments in tangible and bankable projects through connecting and coordinating key actors, providing capacity development and possible social and technological solutions, utilizing innovative tools.



AI-powered Solutions Hub providing data-driven policy recommendations and solutions for plastic pollution prevention and mitigation, trained with existing data and resources available on the platform to be able to generate tailored recommendations.



Inclusive and Empowered Action: Strengthened gender awareness in plastic action, increased youth engagement for innovative solutions, improved accessibility for persons with disabilities, fostering broader participation in environmental decision making.



Join the GPML and sign up for the Global Plastics Hub!

Stay tuned with the GPML latest news and events!
Join our **Newsletter** and follow us on **LinkedIn**.

<https://globalplasticshub.org/>

Contact us: unep-gpmarinelitter@un.org



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