



**CLOSING
THE LOOP**



Closing the Loop

**Cities and Marine Plastic Pollution
Building a Circular Economy**

eLearning
by the United Nations ESCAP

ENROL NOW

Closing the Loop

Project Overview

A project by UNESCAP in partnership with the Government of Japan.

Closing the Loop aims to reduce the impact of plastic pollution in ASEAN cities.

In support of the ASEAN Framework of Action on Marine Debris and the G20 Osaka Blue Ocean Vision, the project is supporting cities to make plastic waste management more circular and ultimately reduce the amount entering the marine environment.

Closing the Loop objectives:

- Develop an innovative digital tool that allows local governments to monitor and visualize plastic waste and identify hotspots to improve management.
- Develop action plans, policies and investment strategies to address marine plastic litter at the city level.

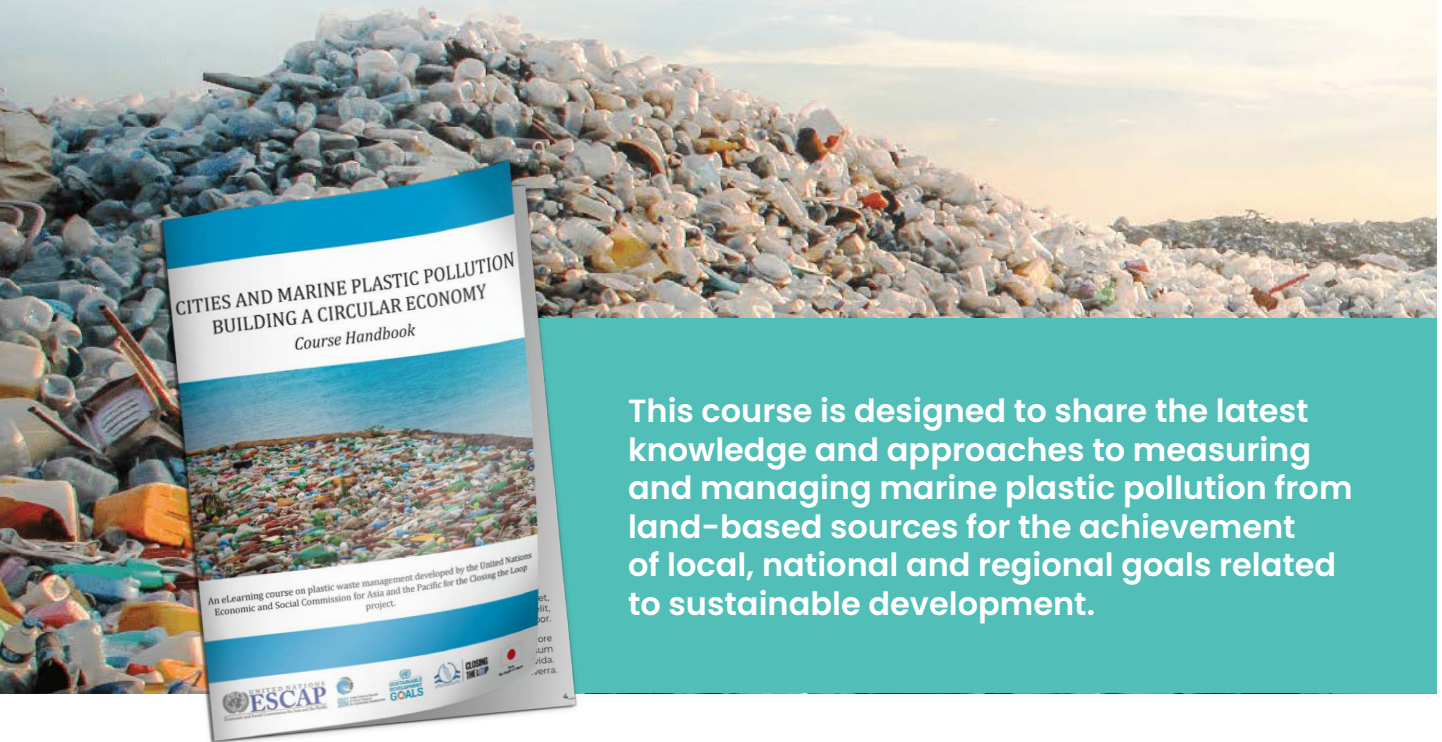
This course supports the objectives by building municipalities capacity to measure and manage marine plastic pollution.



**Preventing
plastics waste
from leaking
into our oceans
from cities.**

Closing the Loop

Course Objectives



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

Why you should enroll in this course:

- Learn about land-based plastic waste pollution issues in Asia and the Pacific.
- Share new scientific and practitioner knowledge along with assessment methodologies to better understand the plastics pollution challenge.
- Explore state-of-the-art technologies and techniques used to measure and monitor plastic waste in municipal and marine environments.
- Inspire action to tackle practical challenges in municipal solid waste management systems for terrestrial and marine environments.
- Equip decision-makers and practitioners with practical tools, policies and approaches for tackling plastic waste.

Our eLearning Approach



How it Works

- The course is freely available and self-moderated to allow the utmost flexibility for participants.
- Content is designed and reviewed by world-leading experts in the plastic waste sector, focusing on the Asia and Pacific region.
- A handbook accompanies the full online course.
- Mixed-media learning approach combining text, videos and online activities to help build expertise.

Take the Course

1. [Enrol here](#)
2. [Download](#) the handbook
3. Start your course!
4. Complete the full course and receive a certificate from UNESCAP.
5. Start your city action plans to reduce marine plastic litter!



eLearning

Course Modules

Content created by **Closing the Loop and Partners**

Time Commitment: 10 hours (1-2 hour per module)



01

CITIES AND MARINE PLASTIC POLLUTION – BUILDING A CIRCULAR ECONOMY

- Understand the transformational role of cities in the combatting marine plastic pollution: How they produce, consume and manage plastics and the urgent need for action.

Co-Developer:

- [Japan International Cooperation Agency \(JICA\)](#)
- [Ocean Conservancy](#)



02

THE PLASTIC VALUE CHAIN FROM SOURCE TO SEA

- Explore the sources, sinks, stocks and management of the plastic value chain and identify practical waste sector interventions to reduce leakage.

Co-Developer:

- [Institute for Global Environmental Strategies \(IGES\)](#)



03

HOW TO MEASURE PLASTIC WASTE

- Be able to establish a city plastic baseline and understand the tools, resources and data required to conceptualise plastic pollution within a local or regional administrative authority.

Co-Developer:

- [University of Leeds](#)
- [International Solid Waste Association \(ISWA\)](#)



04

DETECTING WASTE FROM LAND AND SPACE

- Discover a new range of innovative plastic monitoring tools to gain greater evidence and understanding of urban plastic pollution.

Co-Developer:

- [Plymouth Marine Laboratory](#)
- [Wageningen University and Research](#)
- [Keio University](#)
- [United Nations Environment Programme \(UNEP\)](#)



05

HOW DO WE ENGAGE WITH THE INFORMAL WASTE ECONOMY

- Understand the role and value of the informal economy and identify strategies to leverage the entire waste sector to achieve benefits to the economy, environment and livelihoods.

Co-Developer:

- [Women in Informal Employment: Globalizing and Organizing \(WIEGO\)](#)



06

ENGAGING STAKEHOLDERS TO ADDRESS PLASTIC WASTE

- Identify key stakeholders in the plastic value chain, understand their incentives and behaviours and be able to conceptualise multi-stakeholder, cross-sectoral collaboration strategies.

Co-Developer:

- [United Nations Environment Programme \(UNEP\)](#)
- [Coordinating Body on the Seas of East Asia \(COBSEA\)](#)



07

LOCAL PLANNING TO ADDRESS MARINE PLASTIC WASTE

- Understand how action planning processes can help reduce plastic waste pollution for a city and outline effective policy intervention measures.

Co-Developer:

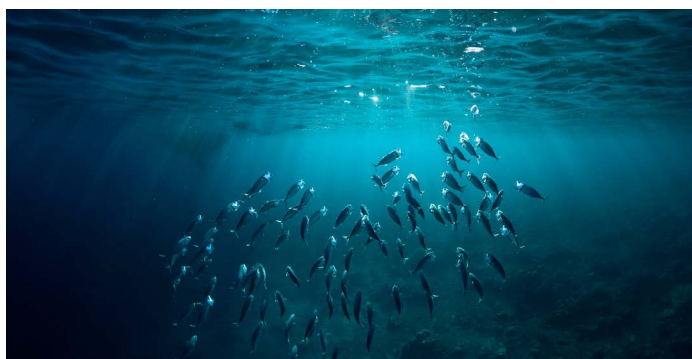
- [Institute for Global Environmental Strategies \(IGES\)](#)
- [Ocean Conservancy](#)



Closing the Loop

Cities and Marine Plastic Pollution Building Circular Economies

You are just a few clicks away from starting your journey to better understand how plastic waste gets from our cities to our seas and find out what actions you can take to make this stop.



<https://www.unescap.org/projects/closing-the-loop>

ENROL NOW

More Information

<https://sdghelpdesk.unescap.org/>


Check out the UNESCAP's SDG Helpdesk website to find other resources and online trainings about building more sustainable cities, protecting our ecosystems from climate change and much more!

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