



**CORAL TRIANGLE
INITIATIVE**
ON CORAL REEFS, FISHERIES
AND FOOD SECURITY



Pre-Senior Officials' Meeting (Pre-SOM)

4–6 November 2019 • Honiara, Solomon Islands

M&E TWG – Emerging Issues

No Plastic in Nature

Reducing plastic leakage in cities & tourism centres -
An approach for the Coral Triangle?

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An underwater photograph of a vibrant coral reef. A large, crumpled, clear plastic bag is floating in the water, partially obscuring the coral. Several small, striped fish are visible swimming in the background. The water is clear and blue.

396M MT

of plastic produced in
2016 creating
approximately

2B MT

of CO₂ emissions.

50%

Increase in plastic
consumption by 2025

An underwater photograph showing a manta ray swimming in clear blue water. The water is filled with various pieces of plastic waste, including crumpled paper, plastic bags, and small fragments, illustrating the impact of marine plastic pollution.

100M+

animal deaths a year because of ingestion of plastic or entanglement, that we know of

700 +

marine species are known to be killed either by ingestion of plastic or entanglement

61%

of marine plastic waste is **low value**, such as single use items and sachets

An aerial photograph showing a riverbank. On the left, there is a body of brown water. To the right, a large, dense pile of plastic waste, including bottles, bags, and other debris, stretches along the bank. In the background, there are green plants and a building with a white corrugated metal roof. The overall scene illustrates the impact of plastic waste on the environment.

60%

of Ocean Plastic Waste
comes from **five countries**
in South East Asia:
China, Indonesia, Vietnam,
Philippines and Thailand

2x

the amount of plastic in
the ocean could **double**
in the next decade



75%

of plastic leakage in
the ocean comes
from uncollected
waste

75%

of all plastic ever
produced is waste

Plastic waste produced and mismanaged



Coastal population

Million people

Less than 1

1 to 2

2 to 10

10 to 50

50 to 263

Land locked country

Plastic waste production

Thousand tonnes per day, 2010



Total plastic waste produced



Portion of plastic waste mismanaged

Source: Jambeck, J., R., et al., Plastic waste inputs from land into the ocean, Science, 2015; Neumann B., et. al., Future Coastal Population Growth and Exposure to Sea-Level Rise and Coastal Flooding - A Global Assessment. PLoS ONE, 2015.

WWF's Vision: No Plastic In Nature by 2030

- Plastic pollution is a **global crisis** and the prediction is that it **will only get worse**; we need to **act with urgency**.
- **The goal** is to reduce the **unnecessary use of plastic**; **increase reuse, recycling and recovery**; and ensure there is **no plastic leakage** in the environment.
- Key is to develop **circular economy models and system solutions** that allow developing the **full spectrum of solutions** from **materials use and product design**, to **waste management and oceans health**.
- **Governments and businesses** need to understand their critical role and take action to develop solutions.
- Action oriented solutions in **Business, Policy and Cities** – supported by **Campaigns**.



Building a global movement of

PLASTIC
SMARTCITIES



Aim to mobilize 1000+ PlasticSmart Cities by 2030



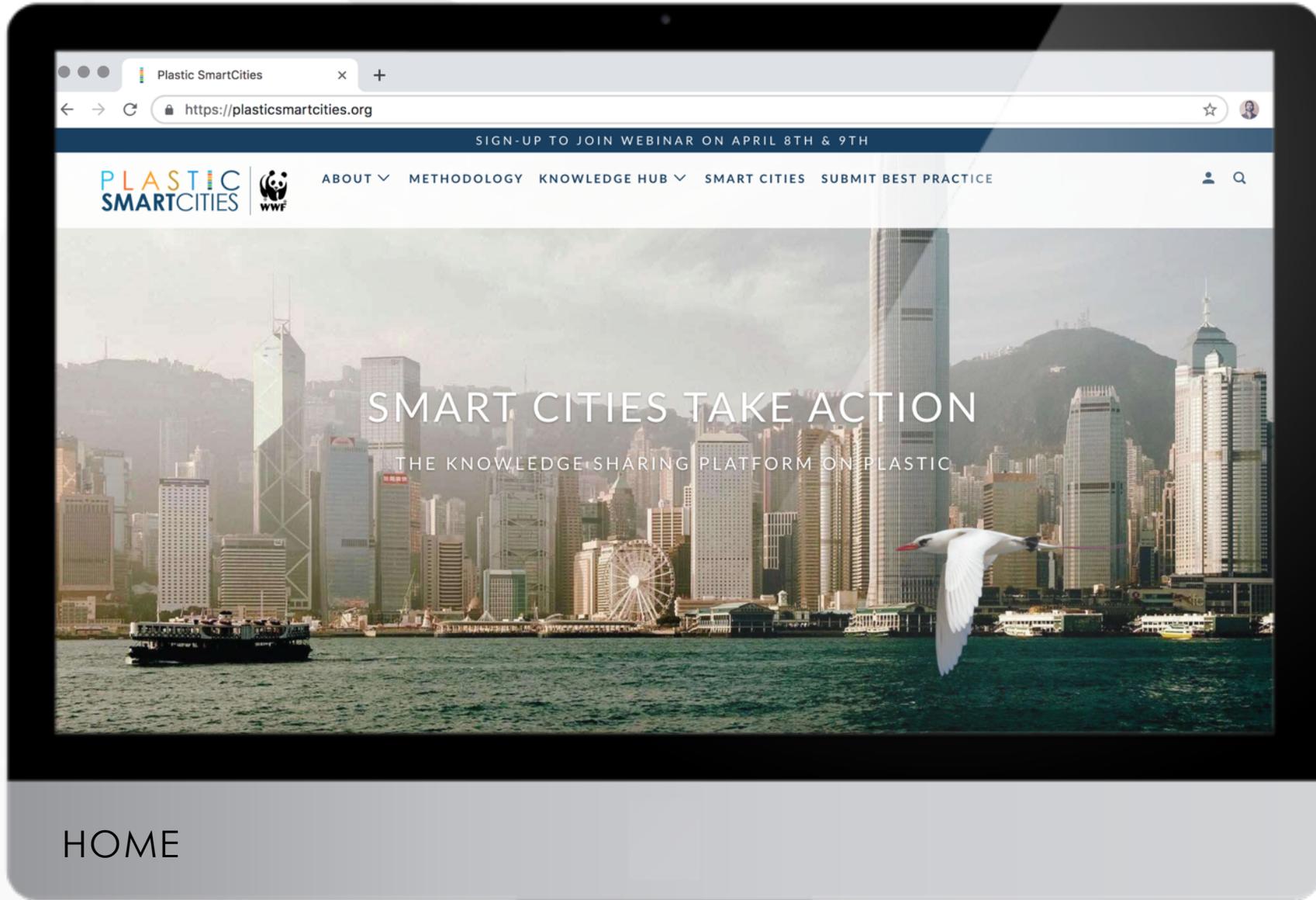
5 PILOT PROJECTS

Working with cities and tourism centres

GOAL FOR 2021

25 PlasticSmart Cities





Promote smart solutions & knowledge exchange amongst cities & tourist destinations by sharing best practices through online platform www.plasticsmartcities.org

BEST PRACTICES & NEW MODELS OF INNOVATION...

for plastic avoidance, use, reuse, waste management;

connects cities with vetted solutions and solution providers.





A New International Legally Binding Agreement

*To comprehensively address
marine plastic pollution throughout
full life cycle from
both upstream (production) to
downstream (disposal) and
recovery back into a circular loop*

-  1 national targets to prevent, control and remove marine plastic pollution.
-  2 global architecture to coordinate, report and review
-  3 intergovernmental panel of experts and harmonized measurement & monitoring
-  4 global standards and regulations on high risk materials & disposal methods
-  5 implementation support mechanism. *I.e., finance, technology, capacity-bldg.*



PACT
A WWF INITIATIVE FOR
A CIRCULAR ECONOMY AND
NO PLASTICS IN NATURE BY 2030

A photograph of a polluted waterway in a developing area. The water is dark and filled with plastic waste and other debris. In the foreground, a large pile of trash is piled up on the bank. In the middle ground, a group of four people are in a small wooden boat, navigating through the water. One person is holding a white umbrella. The background shows simple, rustic buildings with corrugated metal roofs.

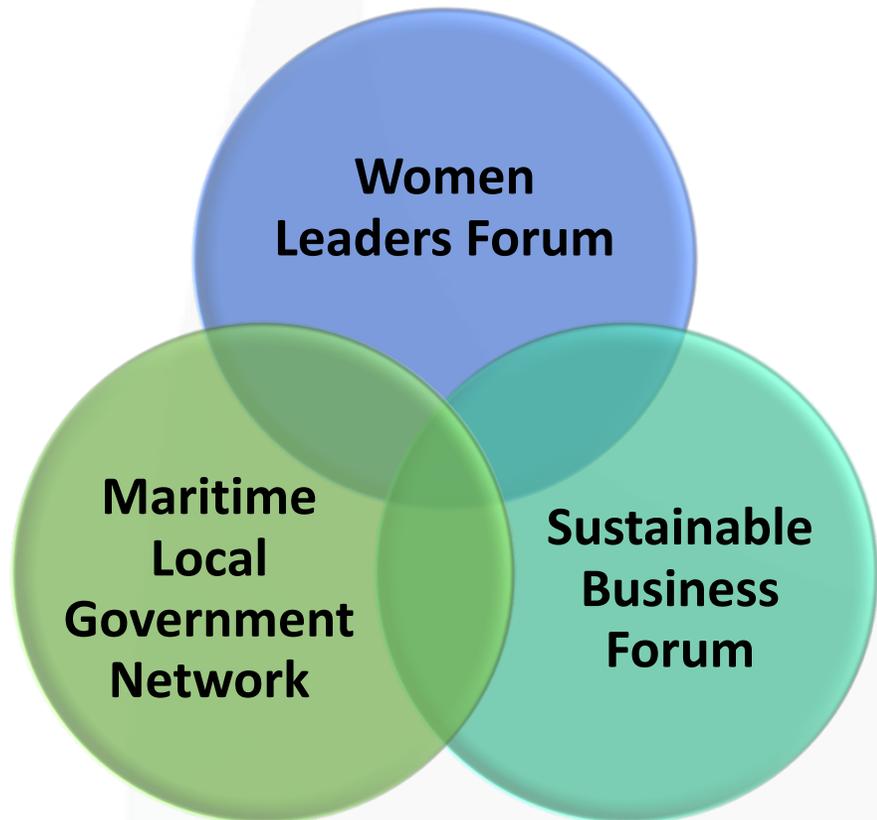
PACT – Plastic ACTION: Business Engagement for No Plastics in Nature

**How can Coral Triangle's
cross-cutting initiatives
get involved?**



Urgent need for a CTI-CFF strategy to tackle Marine Plastic Pollution

Mobilize CTI-CFF Cross Cutting Initiatives:



Assess CTI-CFF partner initiatives & resources – e.g. PlasticSmart Cities platform for:

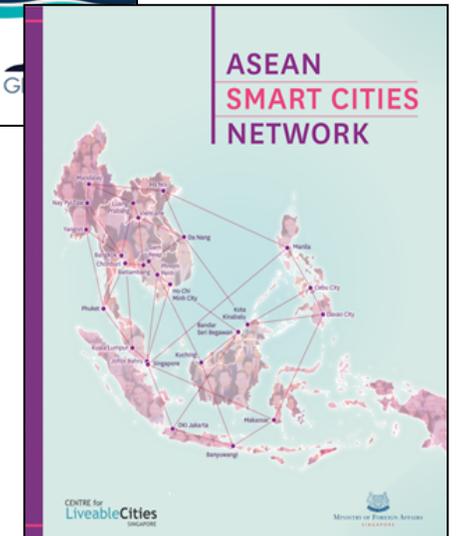
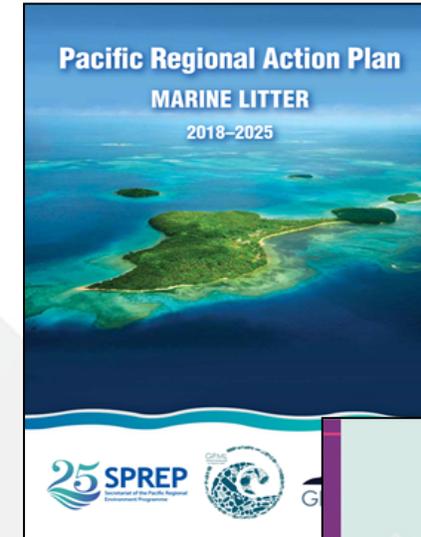
- Leadership development
- Businesses & Local Govts Networking
- Best practices development & guidelines for waste management
- Policy guides & templates
- Extended Producer Responsibility guide
- Citizen Science & Monitoring
- Developing & profiling champions



Scaling solutions across Coastal Communities and MPAs

Strategic Partnership Opportunities:

- **CTMPAS & MPA** management bodies
- **Regional/Global Organisations & Alliances e.g.:**
 - ❑ ASEAN Centre for Biodiversity;
 - ❑ PEMSEA (Pollution & Waste Management)
 - ❑ IUCN (Plastic Waste Free Islands & MARPLASTICCs)
 - ❑ Secretariat of the Regional Pacific Environment Programme
 - ❑ Global Ghost Gear Initiative
 - ❑ Pacific Asia Travel Association
- **CTI-CFF Development Partners** (e.g. ADB Oceans Fund – for waste management systems, recycling, innovation; WWF, CTC, TNC etc)
- **University Partnership**



Scaling solutions across Coastal Communities and MPAs

- Identify **appropriate scale solutions** for **priority coastal cities, towns or tourism centres** located in areas critical to areas of high marine biodiversity.
- Identify **innovation and entrepreneurship** opportunities for new **livelihoods, businesses or social enterprises**.
- Identify and access the **significant resources** becoming available to tackle plastic pollution - for **planning, partnerships and implementation** towards stopping leakage of plastics in nature and our oceans.



Thank you
Terima kasih
Maraming salamat
Tagio tumas
Tank iu
Obrigado

