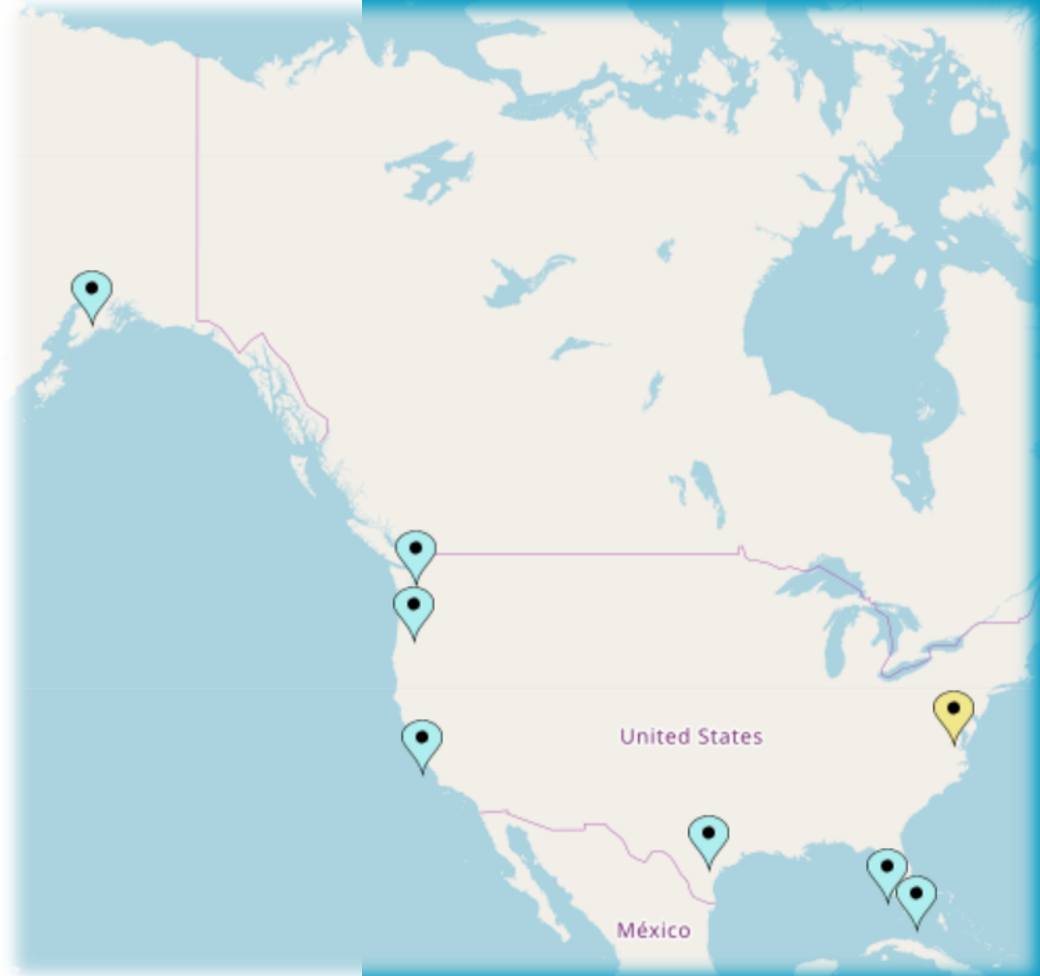


Policy Solutions to the Ocean Plastics Crisis

Chever Voltmer
*Addressing Marine Plastics:
A Roadmap to a Circular Economy*
November 18, 2020

About Us

- U.S.-based nonprofit organization
- Established in 1972
- 100+ staff
- Headquartered in Washington, D.C., with additional offices around the country



- Ocean Conservancy®**



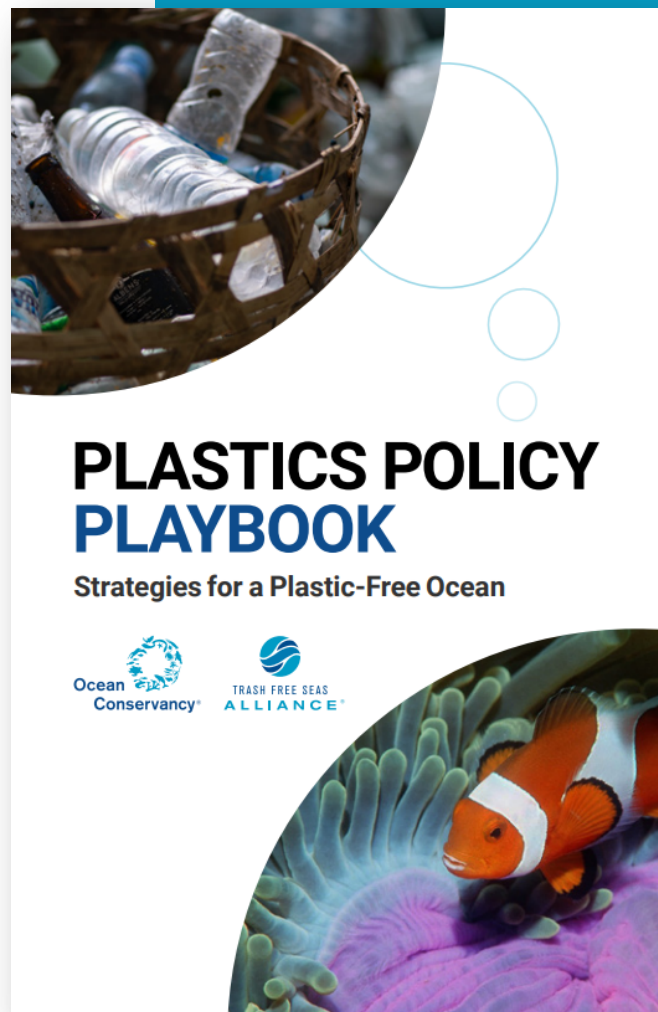
Policy

- 75% of plastic waste entering the ocean was never collected to begin with
- The remaining 25% leaks from within waste management systems
- Low-value plastics are most likely to end up in the ocean
- Most waste management systems operate at a net cost
- To improve waste collection, we need to change the economics of these systems, minimizing costs and maximizing value



Evaluating Solutions

- Ocean Conservancy collaborated with Accenture and TFSA members
- Started with a list of 180 options
- Consolidated into 43 distinct private and public measures
- Tested these against two criteria: impact and implementation
- Evaluated focus-country relevance
- Arrived at a shortlist of **24 measures**, which we then modeled



Prerequisites for Success

1. Combine measures and address multiple points on the value chain
2. Engage the informal sector
3. Raise public awareness
4. Inspire political will
5. Enforce



Ocean Conservancy



Four Themes

- Finance the Collection
- Reduce Problematic and Unnecessary Single-Use Plastics
- Design for Circularity
- Developing Recycling and Treatment Markets



Key Takeaways

- Net financing gap for plastic waste collection of US \$28-40 per ton
- EPR, in the form of packaging material fees, has highest potential to reduce gap (<75%)
- Recycled content standards can reduce gap by up to 34%
- Bans on problematic SUPs increase efficiency, reduce gap by 3%
- Five guiding principles: combine measures, engage informal sector, drive consumer awareness, inspire political will, and improve enforcement



Using the Playbook

- Each chapter ends with a focus-country assessment
- A roadmap and checklist offers guidance to public and private sector actors
- A call to action briefly summarizes prioritizes by stakeholder group
- Remember: it's not one-size-fits-all



Call to action

This playbook has provided a framework of the most promising public and private measures to improve collection, including key principles for success and a roadmap. In doing so, it has contributed to the collective knowledge base of key stakeholders across focus countries and the world and has helped create a platform that can support action to end ocean plastic. While it is clear there is a lot to do, there are a set of actions that each stakeholder can take forward to solve this challenge. The table below (Table 8) is a call to action, focused on the most urgent and most feasible short-term actions that each of our target audience stakeholders—national government, local government, corporates and non-governmental organizations (NGOs) can adopt.

Table 8: Call to action for stakeholders

| Stakeholder | Actions required |
|----------------------------|--|
| National government | <p>Develop a clear national plan and regulatory framework with targets, strong governance frameworks down to the local level</p> <p>Provide clarity to local government and the private sector around areas of uncertainty, notably helping to develop a consensus to phase out or ban unnecessary/problematic SUPs, and on a preferred set of solutions for non-recyclables, focused on scaling recycling technologies and small-scale local solutions</p> <p>Adopt public-private measures for improved collection, with a focus on EPR, and identify the most viable solutions by testing locally relevant operating models in pilots</p> <p>Develop national awareness campaigns in collaboration with local government, corporates and NGOs, targeted at key stakeholders and embedded into national education curriculums</p> <p>Identify opportunities to collect more data, such as on waste types or waste content, that can support collection efforts</p> |
| Local government | <p>Collaborate with nonprofits and private sector players to leverage technical assistance, particularly for the management and implementation of key measures</p> <p>Identify locally fit-for-purpose, cost-effective collection solutions that focus on expanding door-to-door collection, maximizing existing collection centers where possible, or fundamentally redesigning where existing collection centers have failed to succeed</p> |

Inclusive Recycling

- Informal sector collectors provide a valuable public service.
- Waste pickers could be incentivized to collect low-value plastics with additional support .
- Additional work is needed to build the value chain for sustainability.
- Inclusive recycling could be an important part of the solution set, with not just environmental, but also economic and social benefits.

EXPLORING SOLUTIONS TO
OCEAN PLASTICS:

Supporting Southeast Asia's Informal Waste Sector



Thank you!

