

# TACKLING PLASTIC POLLUTION WITH PLASTIC CREDITS IN BATAM, INDONESIA

Batam Ocean Impact Project

DEVELOPED BY SEVEN CLEAN SEAS | CERTIFIED WITH VERRA'S PLASTIC WASTE REDUCTION PROGRAM | ID 4199



Photo Credit: Seven Clean Seas

The Batam Ocean Impact Project helps reduce plastic pollution by hiring and training community members to collect and manage plastic waste from coastal and river environments in Batam, an island in the Riau Archipelago, Indonesia. In addition, the project sets up household collection systems to address waste at its source.

The project, developed by Seven Clean Seas, is certified with Verra's Plastic Waste Reduction Program (Plastic Program) (ID 4199) and is currently generating Plastic Credits to support its operations.

## IMPACT



Seven Clean Seas estimates that the project will

**COLLECT NEARLY**  
**20,000**

**TONNES OF PLASTIC WASTE**

over its first crediting period (seven years).

## WHY DOES BATAM NEED THE PROJECT?

Indonesia is facing a major plastic waste challenge.

Indonesia generates **6.8 MILLION TONNES** of plastic waste each year and this figure is **GROWING BY 5% ANNUALLY.**<sup>1</sup>

**70% OF PLASTIC WASTE** is mismanaged:

- 48%** is openly burned.
- 13%** is dumped on land or in poorly managed official dumpsites.
- 9%** is leaking into waterways and the ocean.<sup>2</sup>

Indonesia has committed to a **70% REDUCTION** of marine plastic debris.<sup>3</sup>

To achieve this, Indonesia requires a **\$18 BILLION INVESTMENT** between 2017 and 2040 to scale up waste management and recycling.<sup>4</sup>

## BASELINE CONDITIONS

### Waste Management in Batam

**IN BATAM, APPROXIMATELY 101.1 TONNES** OF PLASTIC WASTE ARE MISMANAGED EACH DAY.<sup>5</sup>

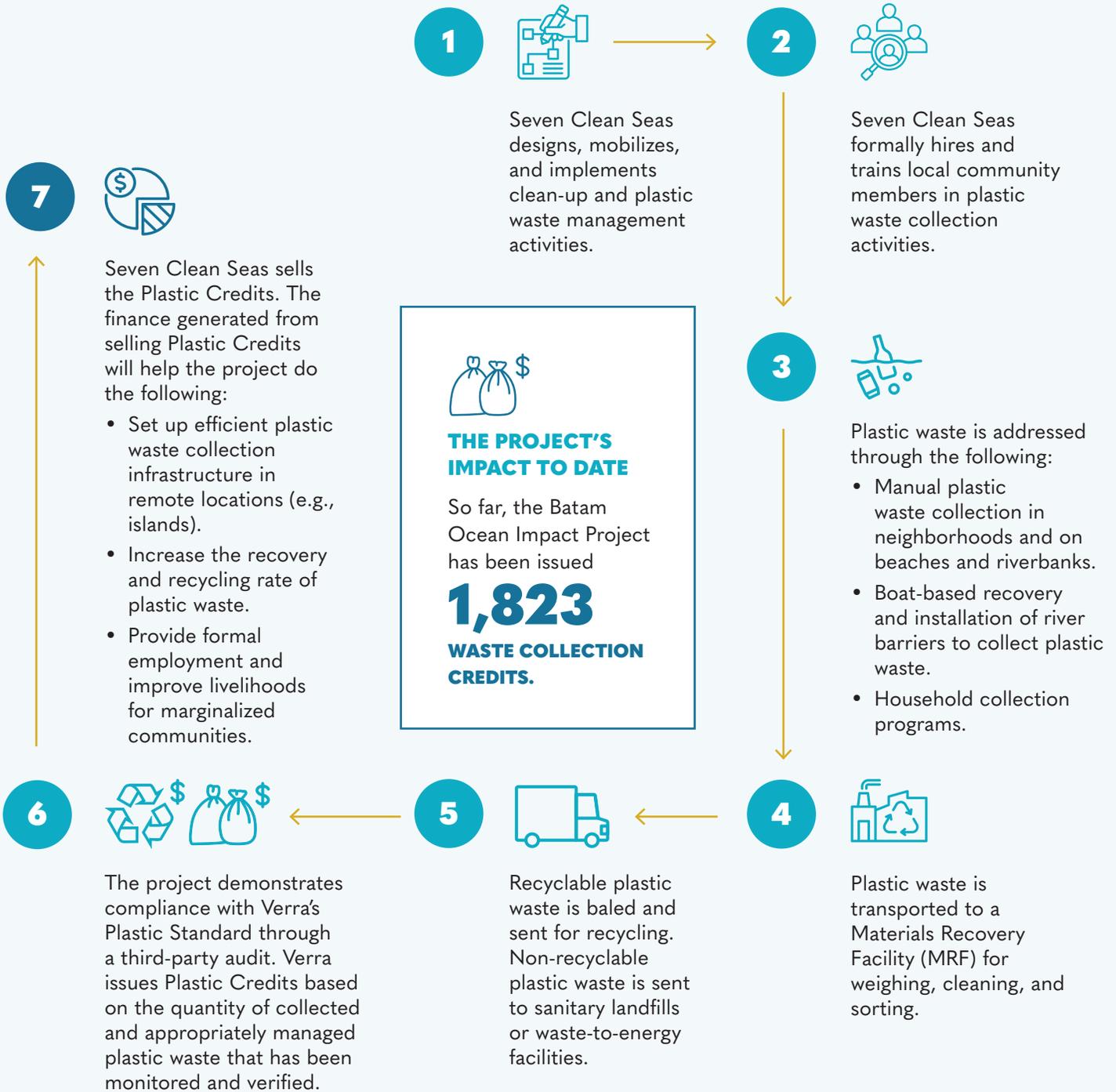
Coastal communities in Batam do not have access to adequate plastic waste management services. As a result, excessive plastic waste accumulates in the open environment, leading to pollution, blocking waterways, hindering fishing activities, and causing floods and health risks.



Photo Credit: Seven Clean Seas

1 Source: GPAP—Indonesia—Global Plastic Action Partnership.  
 2 Source: NPAP Indonesia Multistakeholder Action Plan, 2020.  
 3 Source: The Government of the Republic of Indonesia. Indonesia's Plan of Action on Marine Plastic Debris 2017-2025.  
 4 Source: WRI Indonesia.  
 5 Source: Compiled by the project from data from the Indonesian government.

## HOW DOES THE BATAM OCEAN IMPACT PROJECT WORK?



## THE BATAM OCEAN IMPACT PROJECT'S SOCIAL IMPACT



The project positively affects the communities in the project area by providing equitable pay, insurance, and pension plans, as well as safe working conditions for waste collectors.



The project mitigates the potential negative impacts of plastic waste on local natural resources, such as water, air, and soil.



The project has direct support from the Batam Environment Agency and has taken measures to ensure relevant stakeholders will continue to be consulted.

Through these activities, the project meets the social and environmental safeguards of Verra's Plastic Program.

## HOW COMPANIES USE PLASTIC CREDITS: AN EXAMPLE



Photo Credit: Seven Clean Seas

Companies purchase Plastic Credits to make credible investments in improving plastic waste management and to demonstrate progress toward their plastic stewardship goals.

Howden, a global insurance group, purchased Plastic Credits from the Batam Ocean Impact Project as part of their overall plastic stewardship strategy, which includes the following:

- QUANTIFYING** the company's operational plastic footprint.
- TAKING ACTION INTERNALLY** to reduce plastic waste by improving internal plastic waste management systems and educating employees on plastic waste reduction practices.
- BUYING PLASTIC CREDITS** to compensate for the plastic waste the company was not able to reduce; this purchase also represents an investment in improved plastic waste management for Batam.



### VIEW PLASTIC CREDITS AND PROJECTS

registered with Verra's Plastic Program at [registry.verra.org/app/search/PWRP](https://registry.verra.org/app/search/PWRP).



### SCAN TO LEARN MORE

about Verra's Plastic Program or go to [verra.org/programs/plastic-waste-reduction-standard](https://verra.org/programs/plastic-waste-reduction-standard).