

Addressing Gaps in the Plastic Circular Economy

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The global plastic waste problem demands bold ambition...

The world produces 380 million tons of plastic a year

70%

Today, only 70% of plastic is collected, and only 15% is recycled



11mmt

of plastic waste enters the oceans every year

x2

Plastic production will double by 2040 as the global middle class expands



x3

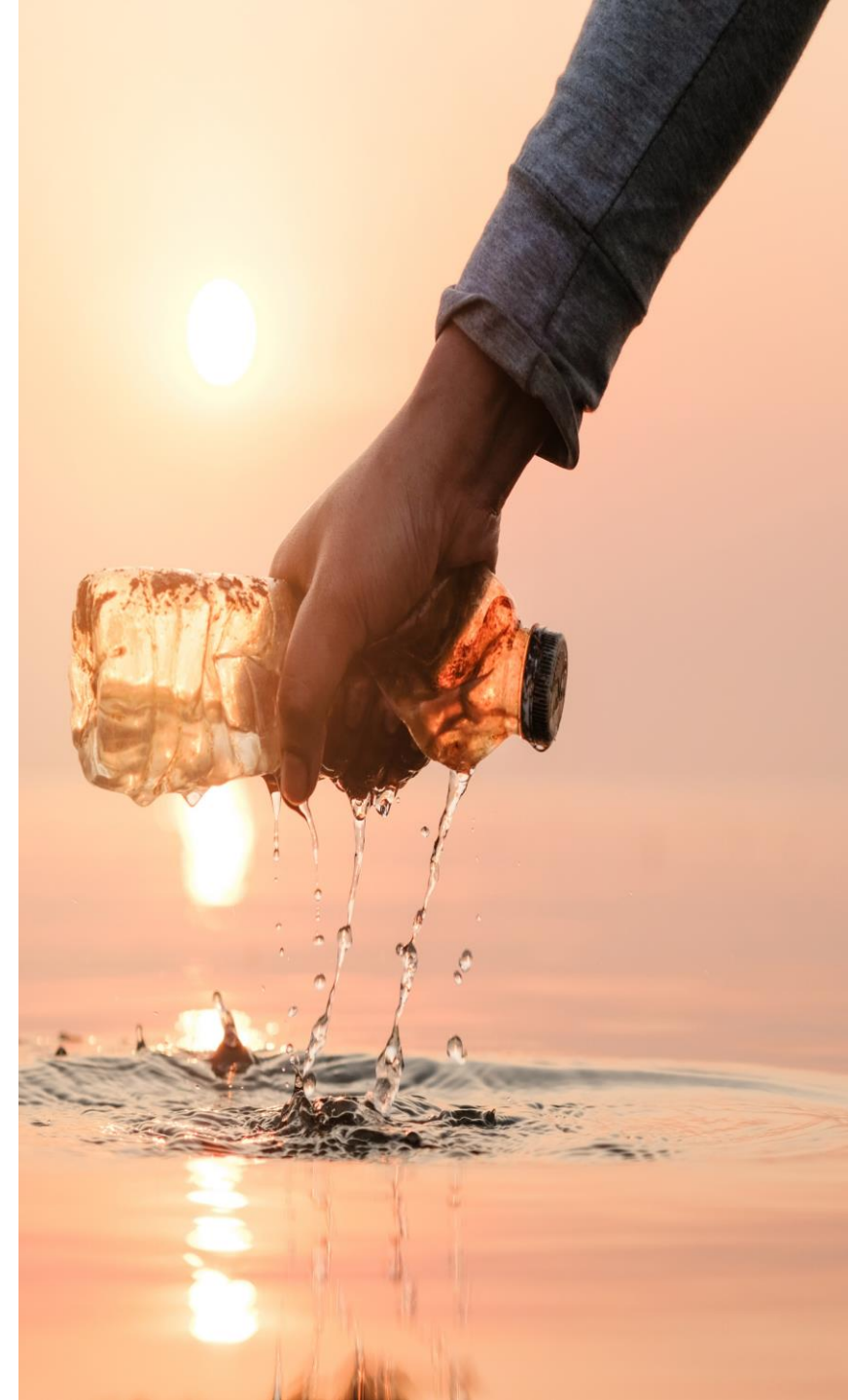
Plastic leakage into the ocean will triple by 2040 if nothing is done



Plastic waste is also a giant economic challenge



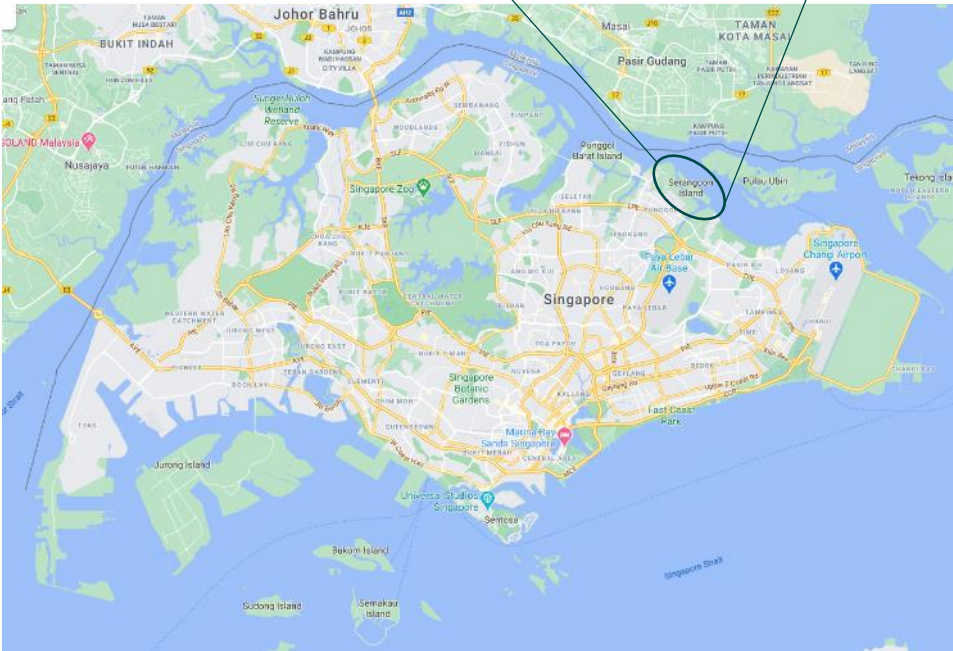
Managing it properly would generate more than US\$120 billion of value



...with the problem visible on Singapore's coastline



Low tide on Serangoon Island (Coney Island Park) with plastic waste covering 2 km of beach



Translating commitment to action to end plastic waste



The Alliance to End Plastic Waste is a community of CEOs committed to getting ahead of this challenge

In January 2019, 27 founding CEOs set a goal to raise US\$1.5 billion
Today, we have 57 CEOs and have raised US\$1 billion

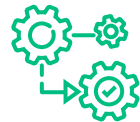
Key principles



1. Act now...



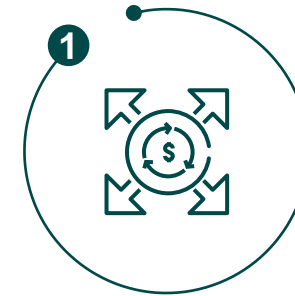
2. Collective action...



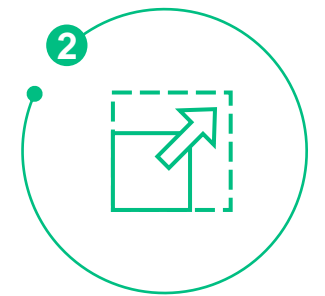
3. A cross-value chain approach...



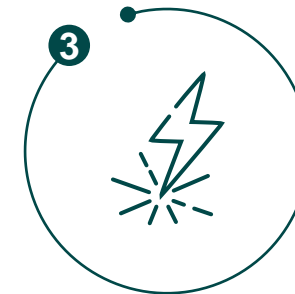
4. A do-tank, not a think-tank...



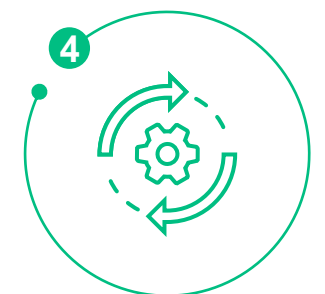
Sustainable



Scalable



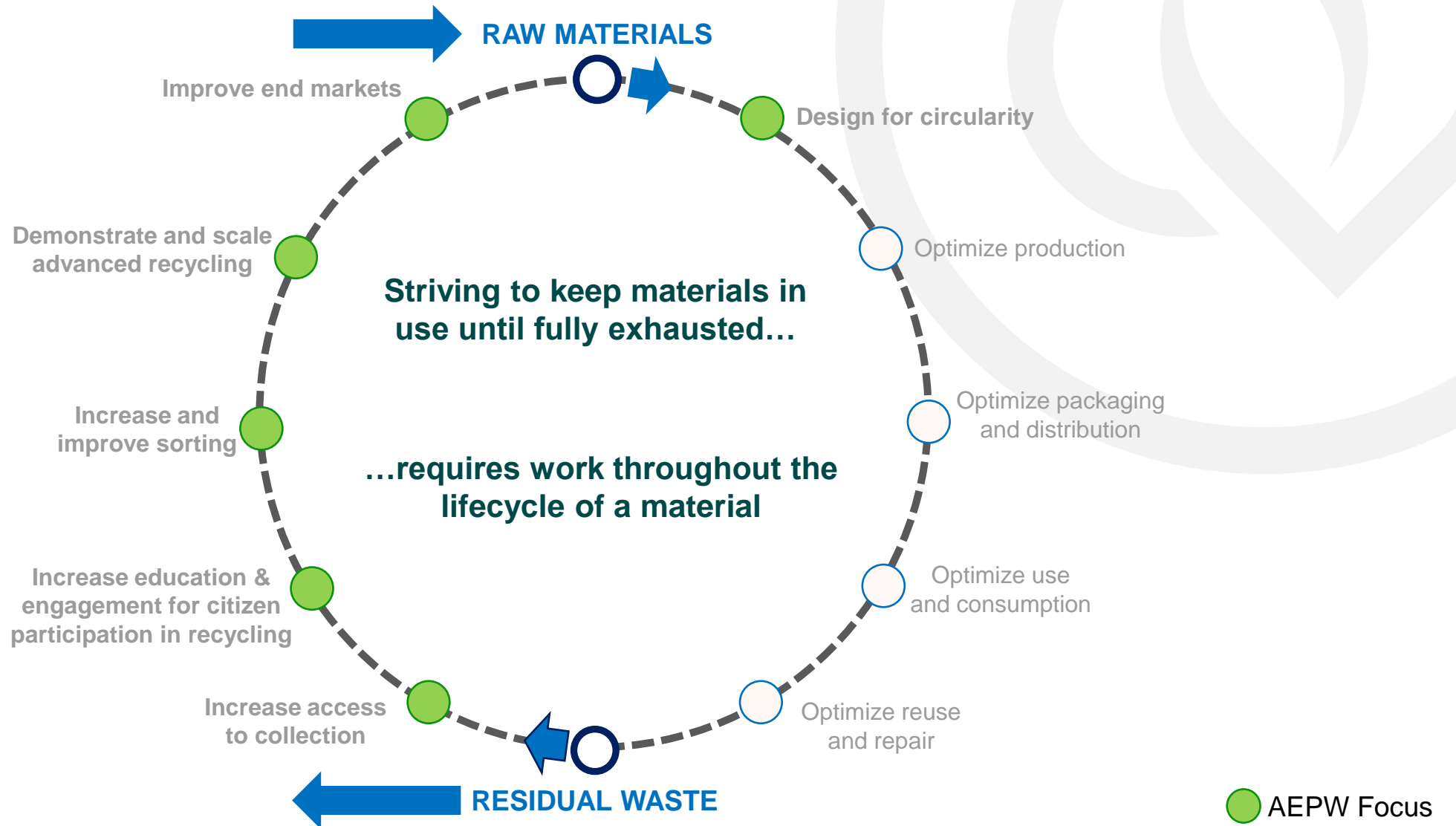
Catalytic



Circular

Managing Plastic Waste in a Circular Economy

Gap Analysis



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Gap Analysis



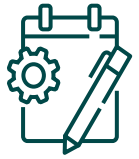
Managing Plastic Waste in a Circular Economy

Gap Analysis



Our focus, our work, is to demonstrate solutions, to close gaps - thus demonstrating a circular economy – solutions that are sustainable, economically viable, and scalable.

Projects spanning the globe addressing circularity gaps



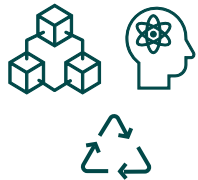
31 projects
across five
investment themes



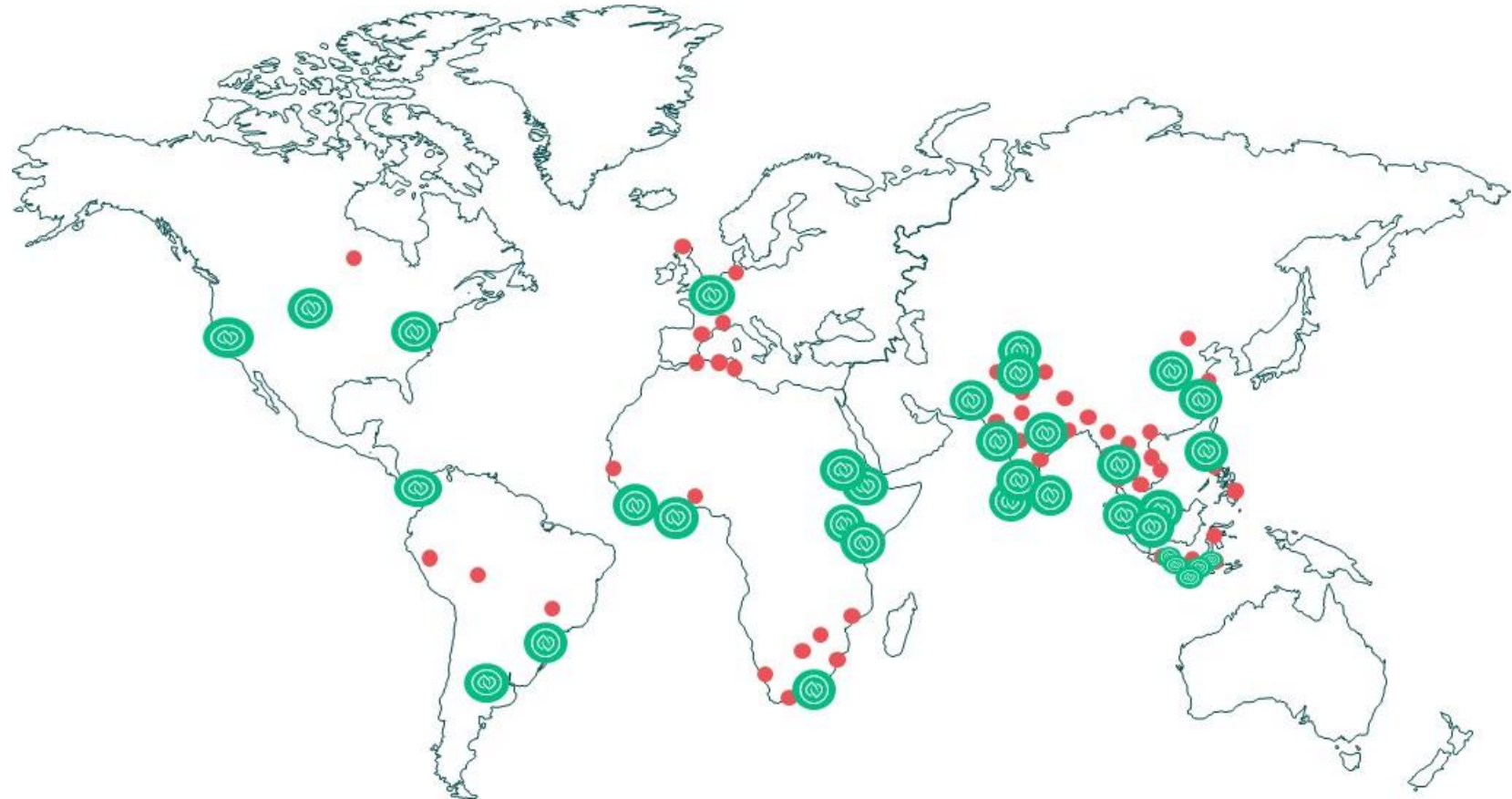
US\$ 112 million
project funding to date



Direct Impact
waste diverted/recycled
& lives improved



Indirect Impact
innovation & value creation



Approved Project
locations



Projects in
the pipeline

**ALLIANCE
TO END
PLASTIC
WASTE** 

**THANK
YOU!**

STOP Jembrana is advancing to full impact by end 2021

New facility opened in January 2021, with sequential roll-out of collection to 42,000 households

Providing an integrated waste management system to a rural community in Bali

Technical expertise for collection, sortation, and recycling

Strong multi-level government engagement

Economic sustainability through collection fees and sale of waste





Jembrana provides a model that is being scaled for impact

From one village in Bali, to three regencies in Java

Bersih Indonesia: Eliminasi Sampa Plastik



	Population	MSW ¹ (tpa)	Plastic Waste (tpa)	Jobs created	Cost
 STOP Jembrana	150K	20,000	3,000	110	\$4.5M
 Bersih Indonesia: Eliminasi Sampa Plastik	6.5M	800,000	140,000	4,500	\$77M
	43x	40x	47x	41x	17x

1: Municipal Solid Waste

Plastic Recovery Insight & Steering Model (PRISM)

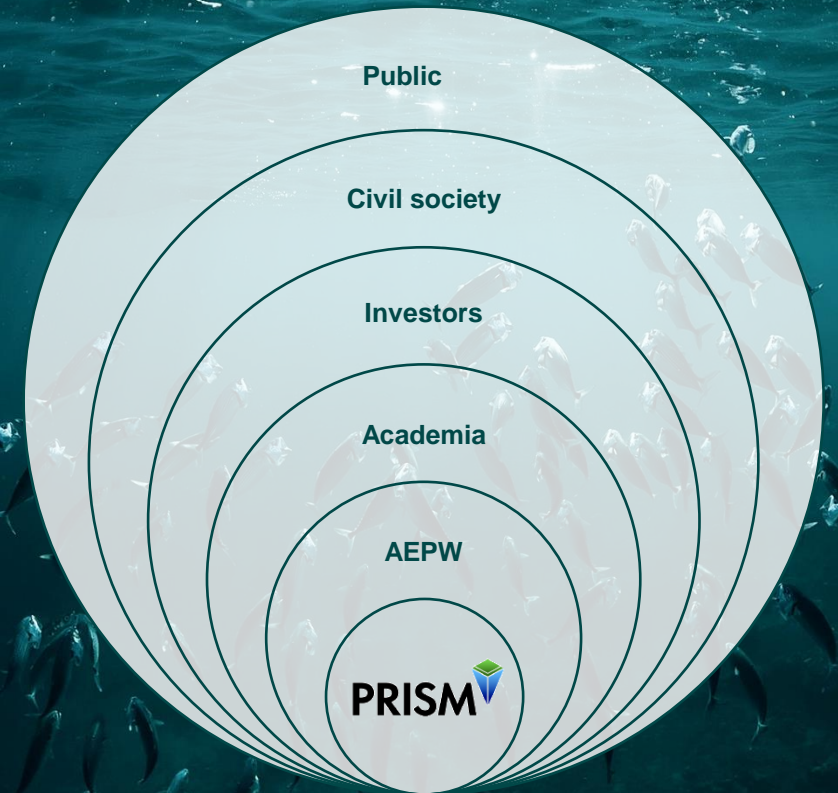
Co-created with IBM Services in Singapore

Scalable platform to aggregate data

Facilitates multi-dimensional analysis



Solving for the plastic waste data gap is key to delivering on our mission



Driving innovation and incubating companies to close the Circularity Gaps

PLUGANDPLAY End Plastic Waste Innovation Platform

