

Plastic in a Circular Economy

Case of Thailand



DR.SAVANIT BOONYASUWAT KOSOLPISITKUL

GC as a Member of PPP

UN Environment . Ministry of Economy, Trade and Industry (METI-Kansai) . FTI

14:45 – 15:00, 7th March 2019, Amari Watergate



Contents

The Problem: The Current Landscape of Plastic Waste.

The Solution: How PPP - coalition to Stop Plastic Waste.

Key Takeaways.



The Problem: The Current Landscape of Plastic Waste.

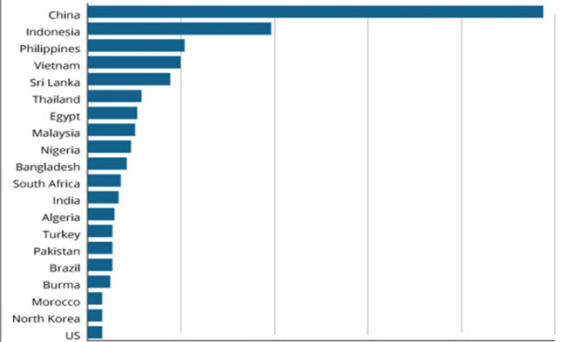
The Solution: How PPP - coalition to Stop Plastic Waste.

Key Takeaways.



Worst Plastic Offenders

Plastic debris contributed to ocean in 2010, pounds*



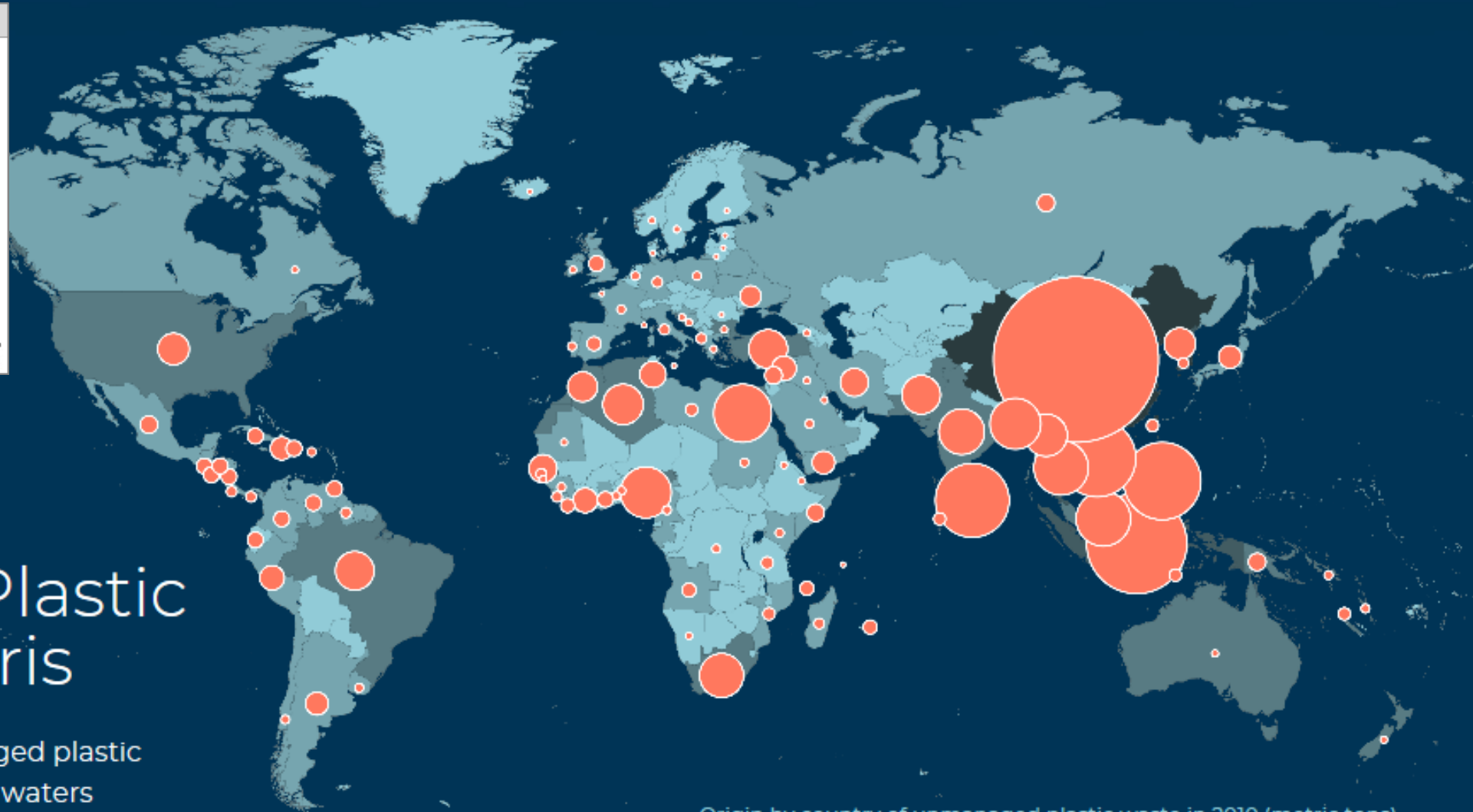
*Median

Source: Jambeck et al. Science, 2015

CLIMATE DESK

Sources of Plastic Marine Debris

Much of the world's unmanaged plastic waste ends up fouling global waters

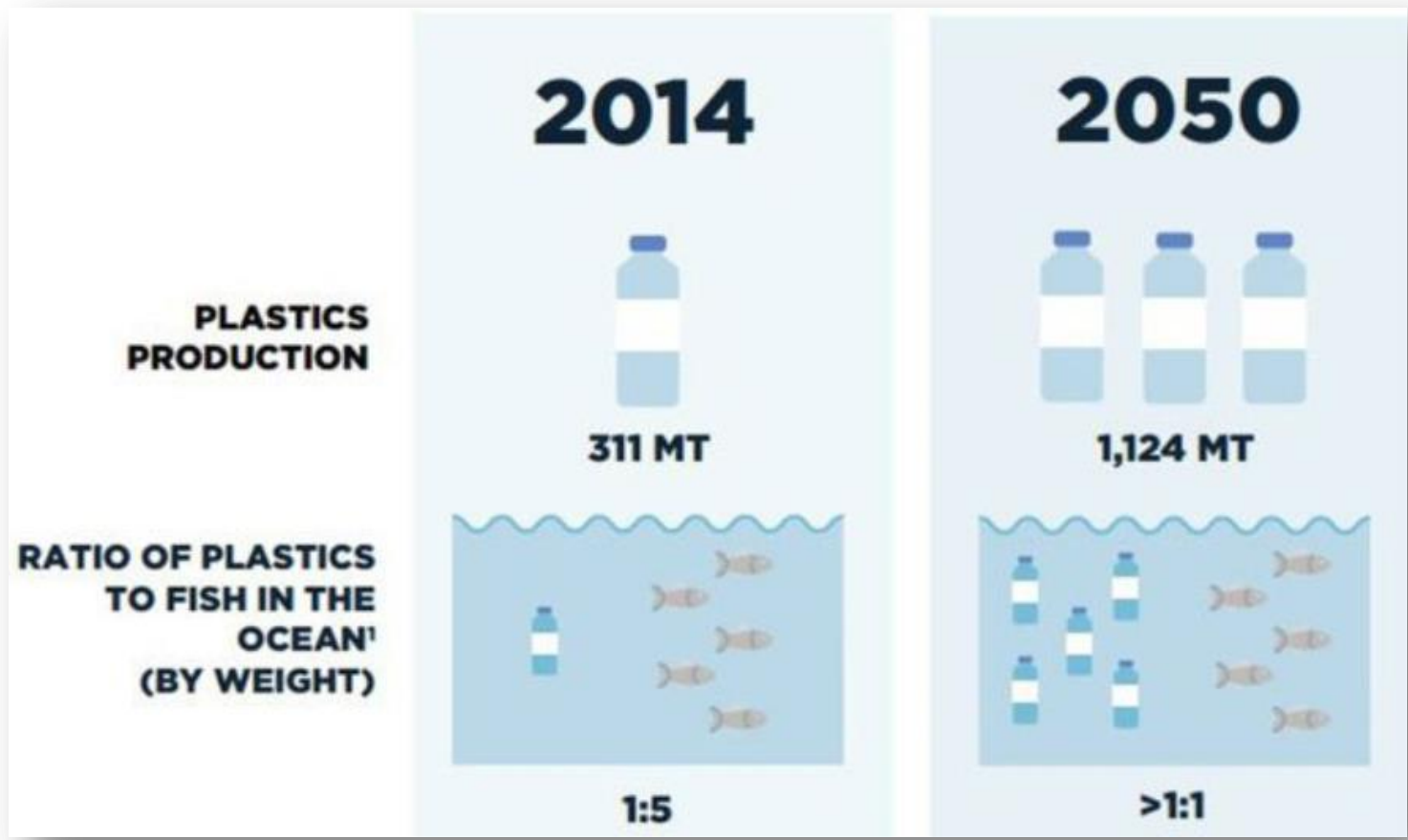


Origin by country of unmanaged plastic waste in 2010 (metric tons)

Sources: Science; University of Georgia; University of California; Sea Education Association



Managing Plastic Waste is Critical



Washington Post 01.2016



Contents

The Problem: The Current Landscape of Plastic Waste.

The Solution: How PPP - coalition to Stop Plastic Waste.

Key Takeaways.





Thailand Public – Private – Partnership for Plastic Waste Management [PPP]
15 Organizations from government – private – nonprofit, actively participating

THE GOAL

of PPP Collaboration is to reduce **50%**
of Thailand plastic marine debris by 2027

While there is no single answer to the issue of plastic waste in Thailand.
We, PPP are collaborating to close the loop of plastic towards 4 part strategies.

INFRASTRUCTURE



Integrated waste collection & segregation infrastructure
include. System development

INNOVATION



Recycle & upcycle business development to create
market demand and add value to plastic waste

ROLES



Responsible plastic industry, brand owner, and retailer
to manage plastic waste at source

EDUCATION



Responsible consumers for waste management



ภารกิจ PPP ภายใต้ Roadmap การจัดการขยะพลาสติก พ.ศ. 2561 – 2573

PPP Collaboration: Roadmap for Plastic Waste Management 2018 - 2030

มาตรการพัฒนาโครงสร้างและระบบการ
จัดเก็บและคัดแยกขยะแบบบูรณาการ
Integrated Waste Collection &
Segregation Infrastructure and
System Development



มาตรการส่งเสริมธุรกิจรีไซเคิลและอัพไซเคิลเพื่อเพิ่ม
มูลค่าขยะพลาสติกและสร้าง demand ในตลาด
Recycle & Upcycle Business Development to
create market demand and add value to
plastic waste



มาตรการด้านการศึกษาและการสื่อสารเพื่อ
เปลี่ยนพฤติกรรมสังคมและผู้บริโภคให้มีความ
รับผิดชอบในการคัดแยกขยะ
Responsible Consumers for Waste
Management



ลดปริมาณขยะพลาสติกในท้องทะเลไทยลงไม่ต่ำกว่า
50% ภายในปี 2570
REDUCE 50% OF THAILAND PLASTIC MARINE DEBRIS BY 2027



มาตรการส่งเสริมบทบาทอุตสาหกรรมพลาสติก
เจ้าของแบรนด์ และผู้ค้าปลีก ให้มีส่วนร่วมในการจัดการขยะ
พลาสติกตั้งแต่ต้นทาง
Responsible Plastic Industry, Brand Owner, and
Retailer to manage plastic waste at source



Contents

The Problem: The Current Landscape of Plastic Waste.

The Solution: How PPP - coalition to Stop Plastic Waste.

Key Takeaways.





Key Takeaways

- 1 ● PPP coalition to end plastic waste, cross-sector, not-for-profit organization with a clear mission working closely with government to accelerate solutions, engage communities to help end plastic waste in the environment.
- 2 ● Rethink plastic, practices are ...
- 3 ● Ready to change, “PLASTIC” or “PLANET”





The Future of Thailand: now depends on “US”

TIME FOR ACTION IS NOW

PPP: Thailand Public – Private – Partnership for Plastic Waste Management