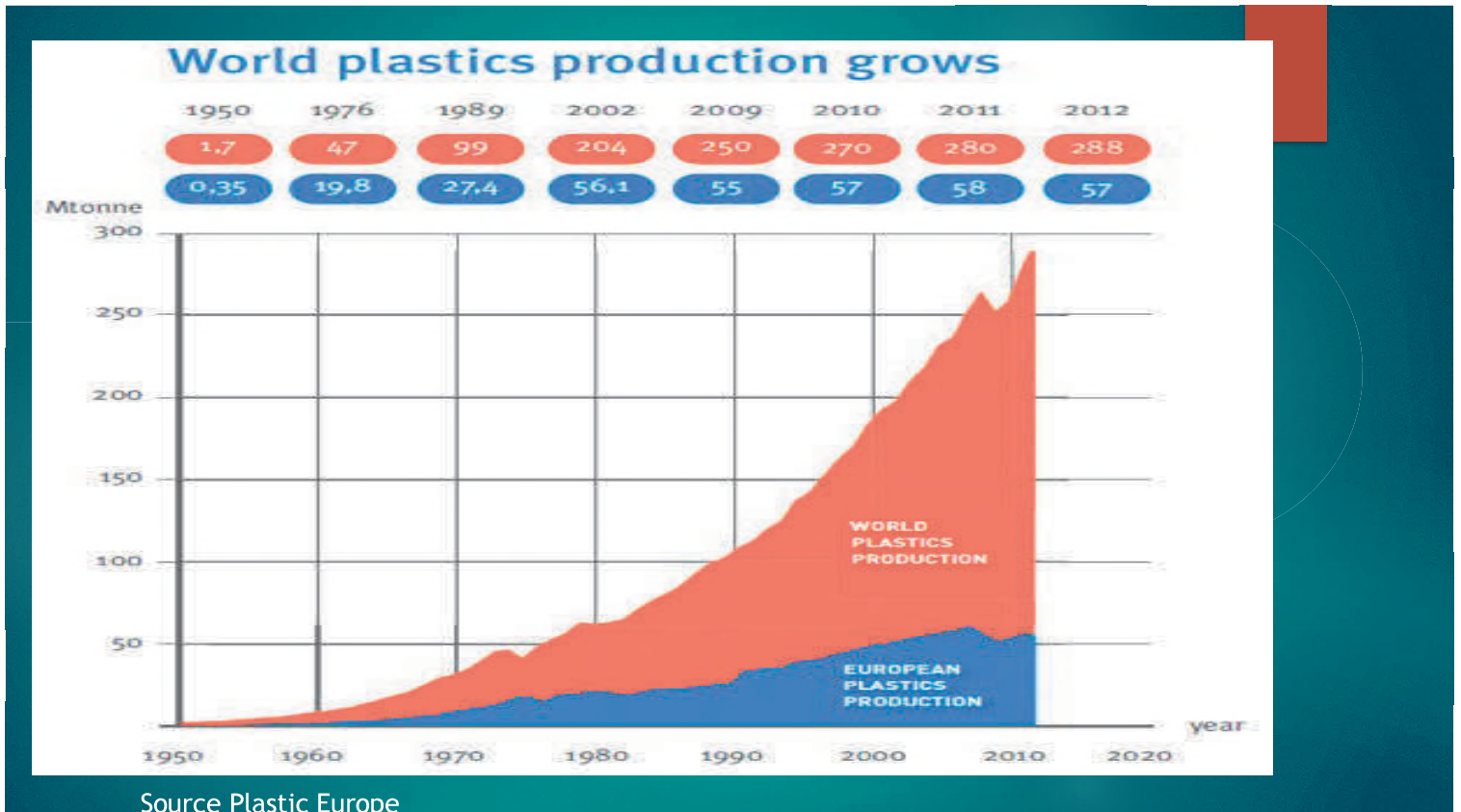
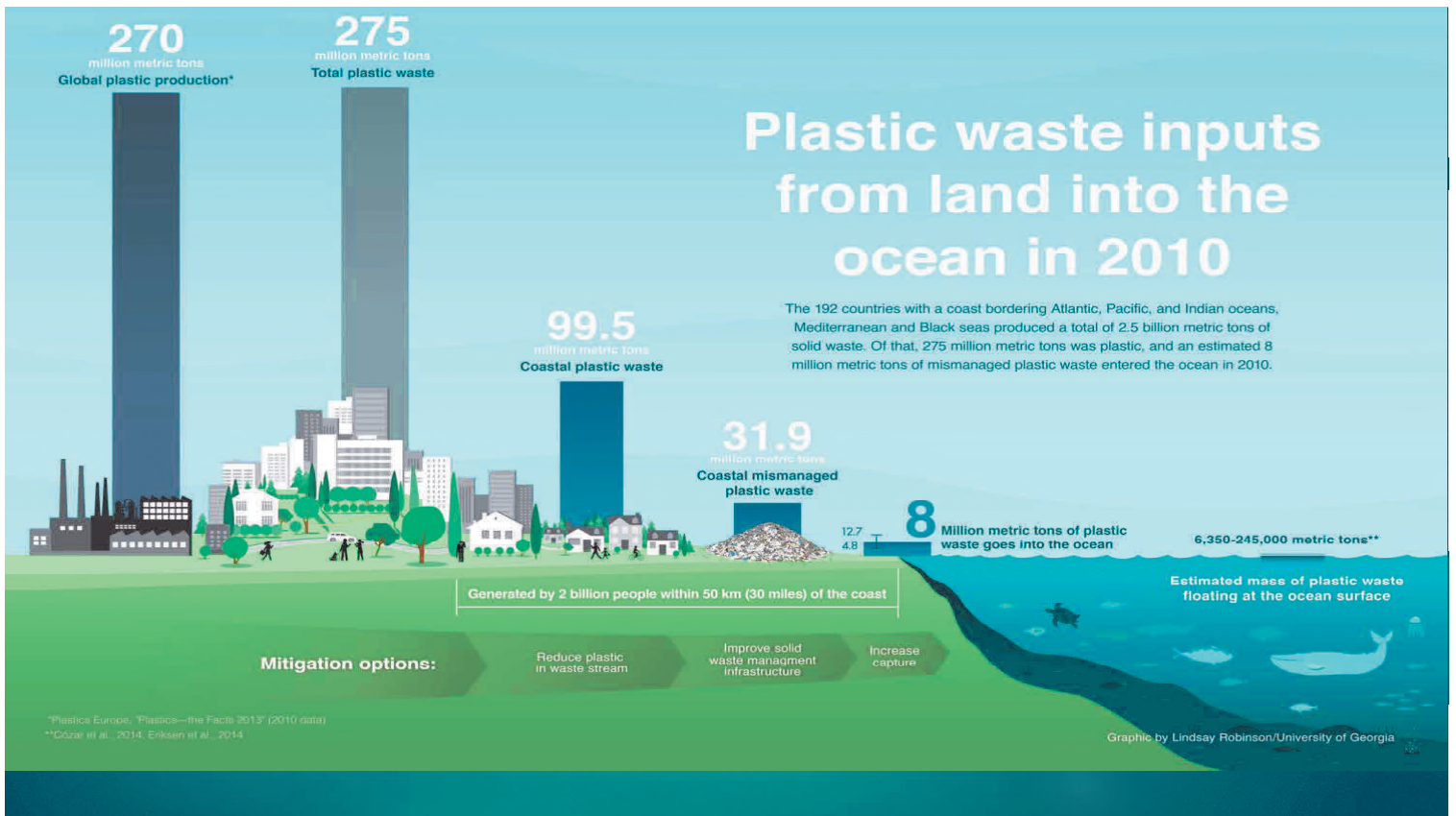




Briefing APEC Workshop “Capacity Building on Global Marine Debris Monitoring and Modeling: Supports Protection of the Marine Environments”

**Discovery Kartika Plaza Hotel
Bali, 18 - 20 February 2020**





IMPACTS OF MARINE DEBRIS

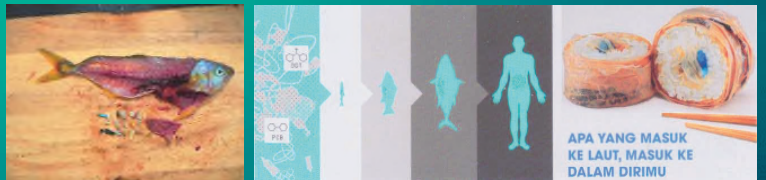
Tourism:
Marine debris impairs the beauty and safety of touristic beaches and coasts



Live Below Water:
Millions of marine lives threatened by marine debris



Human's Health:
More than 1/3 of fish samples taken are known to contain micro/ nano plastic.



Global Emergency



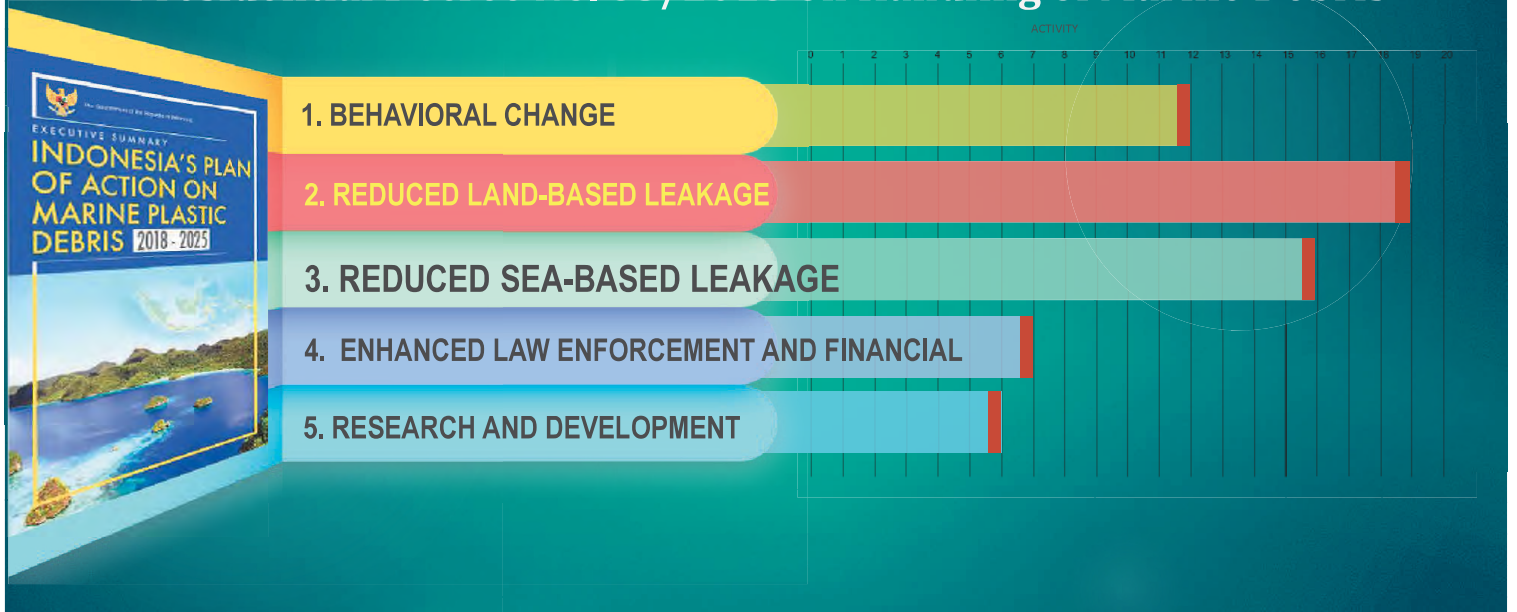
INDONESIA'S COMMITMENT

- ▶ - **Presiden Joko Widodo** -
- ▶ **Indonesia is committed to reduce Indonesian marine debris by 70% in 2025.**
- ▶ *G20 Summit, Hamburg-Germany, 7 July 2017*



Indonesia Strategy to reduce marine litter

Presidential Decree No. 83/2018 on Handling of Marine Debris



PRESIDENTIAL DECREE No. 83 TAHUN 2018

MINISTRY OF MARINE AFFAIRS AND FISHERIES

BEHAVIORAL CHANGE

- Marine and Fisheries Education - Integrated Curriculums.
- Community extension program

LAND BASED MANAGEMENT

Debris control along and at river mouths, seaports certification

CONTROL AND MANAGEMENT ALONG AND OFF COAST

- a. Establishment of waste processing infrastructures in ports.
- b. ISO Certification of ports.
- c. Standard Operating Procedures in Ports
- d. Waste processing centers in small islands
- e. National beach clean up programs

RESEARCH AND DEVELOPMENT

Marine debris research, its impacts and mitigation technology.



RESEARCH AND DEVELOPMENT

Study on marine debris distribution

Strategic Studies on marine debris management through analysis and identification of marine debris pathways

Prototype

Prototype

2018

2019

2020

2021

2022

2023

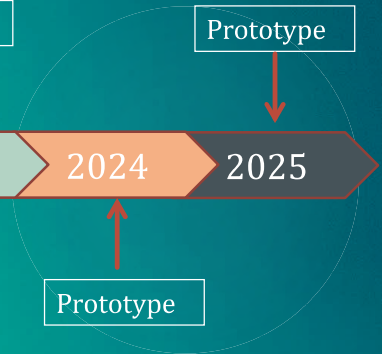
2024

2025

Study on coastal vulnerability

Launching of Global Monitoring Marine Debris

Prototype



**Saving the ocean,
saving lives today
and later**



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