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Background reading for teachers

This reading gives you the background for each slide, with sources you can check.

Sachets

GAIA's 2019 audit estimated that the Philippines uses about 163 million plastic sachets every day, or 591 per person a year.¹

Rivers

A 2021 global model estimated that seven of the ten rivers emitting the most plastic to the ocean are in the Philippines, with the Pasig River first.²

The law

Republic Act 9003 (2000) set up the framework for ecological solid waste management through barangays and LGUs. Republic Act 11898 (2022), the Extended Producer Responsibility Act, requires obliged enterprises to recover a rising share of their plastic packaging footprint, from 20% in 2023 to 80% by 2028.

Sources

1. GAIA (2019). Plastics exposed: how waste assessments and brand audits are helping Philippine cities fight plastic pollution. no-burn.org
2. Meijer, L.J.J. and others (2021). More than 1000 rivers account for 80% of global riverine plastic emissions into the ocean. *Science Advances* 7(18).

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