

Addressing Methane Emissions Through the Zero Waste Cities Initiative



Indonesia / Asia

PROJECT DESCRIPTION

- The Zero Waste Cities Initiative encourages the application of Zero Waste principles in waste management carried out by cities and municipalities. The main interventions are model development and encouraging adoption by local governments through technical assistance.
- Currently, the Initiative's focus is segregating waste collection and processing decentralized organic waste in residential areas. This effort helps to minimize landfill-bound waste and avoid the incineration of waste, particularly organic waste that generates methane, while promoting a just and strong local economy.



RESULTS ACHIEVED

- The segregated collection model in residential areas has been developed in 9 cities and municipalities in Indonesia, covering around 480,000 residents and has the potential to reduce organic waste to landfill by 6,500 tonnes per year.
- The Zero Waste Cities Initiative has influenced the West Java provincial government's decision to ban organic waste from landfills, especially Sarimukti Landfill. It was the first in Indonesia.
- This historical and bold policy move has the potential to divert 228 thousand tonnes of organic waste per year (from 2 cities and 2 municipalities) and could result in a 22% reduction in GHG emissions (575,428 tonnes carbon dioxide equivalent) from Bandung City alone.

PARTNERS INVOLVED IN PROJECT

- | | | |
|---|--|---|
| • Yaksa Pelestari Bumi Berkelanjutan (YPBB) | • Bandung Zero Waste Forum | • Environmental Agencies of Bandung Regency |
| • Global Alliance for Incinerator Alternatives (GAIA) | • PPLH Bali | • Environmental and Forestry Agencies of Sumedang Regency |
| • Alliance for Zero Waste Indonesia (AZWI) | • Ecoton | • Environmental Agencies of Karawang Regency |
| • Break Free From Plastic (BFFP) | • Environmental Agencies of Bandung City | • Environmental Agencies of Purwarkarta Regency |
| | • Environmental Agencies of Cimahi City | |

LEARN MORE

