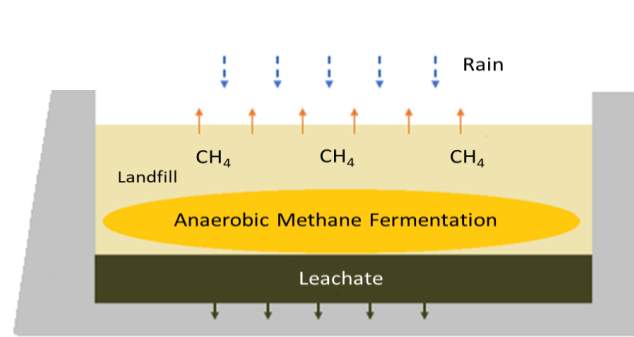
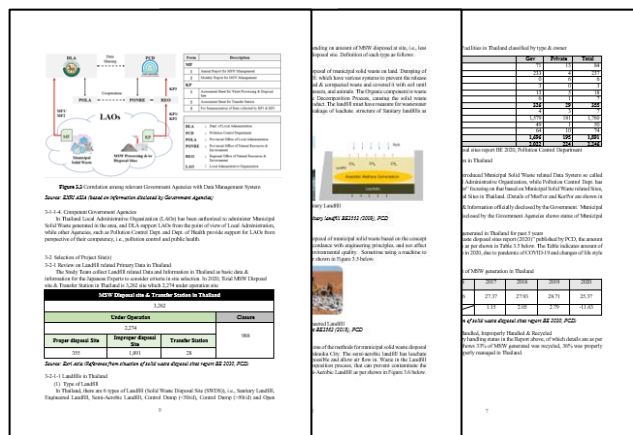
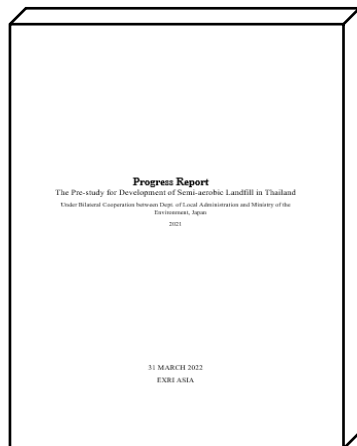


Preliminary Study for Greenhouse Gas Emission Reduction in Waste Sector

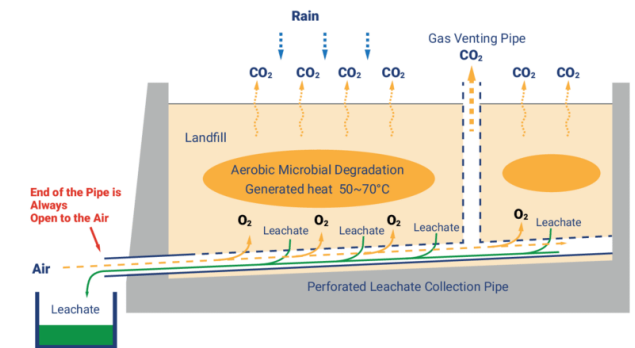
Focusing on Development of Semi-Aerobics Landfill in Thailand

Goal	Thailand will reduce Greenhouse Gas Emission in Waste Sector
Objective of the Study	<ol style="list-style-type: none"> To study the applicability of Semi-Aerobics Landfill as one of mitigation measures in Waste Management Sector in Thailand (2nd year and onward : subject to confirmation) To develop the project (1st year)
Activities	<ol style="list-style-type: none"> Review on Landfill in Thailand (Amount of Waste, Structure, Utilization Record, Facility & Equipment, Operation System & etc.) Review on Municipal Waste related Data in Thailand (Waste Quality etc.) Prepare database and select potential site for project implementation Study cost & expenses for the project implementation Meeting with relevant agencies

Output



Anaerobic landfill



Semi-Aerobic landfill

Semi-Aerobic Landfill Reduce CH₄ Gas Emission from Landfill & Reduce N₂O Gas Emissions from Leachate Treatment.

The global warming potential of methane is 28 times (AR5) of carbon dioxide and The global warming potential of Nitrous oxide is 265 times (AR5) of carbon dioxide.