Scenario 1:

Input MSW → Open dumping → GHG

Scenario 2:

Input MSW → Sanitary landfill → Gas flaring → GHG

Scenario 3:

Input MSW → Sanitary landfill → Generator → GHG

Scenario 4:

Input MSW → Sorting system → Composting → Compost

Scenario 5:

Source reduction → Input MSW → Sorting system → Composting → Compost

Source separation → Recycling → Sanitary landfill → GHG

Scenario 6:

Source reduction → Input MSW → Sorting system → Composting

Source separation → Recycling → Sanitary landfill → GHG

Scenario 7:

Input MSW → Incinerator with Energy Recovery → GHG, Energy