

GHG Emission Mitigation Potentials in Turkey's Waste Sector Using a Bottom-up Energy Model

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Introduction

- Solid waste-related emissions are anticipated to increase to 2.6 billion tons of CO₂-e per year by 2050 worldwide.
- The GHGs emissions emitted by Turkey's waste sector were 17.8 Mt CO₂-e in 2018, 3.4% of total national emissions
- Solid waste disposal accounted for 73.8% of the sector
- In 2018, 32.2 million tons of Municipal Solid Waste (MSW) generated.
- Only 67% reached sanitary and/or managed landfill
- 12.3% of all MSW has reached to recovery facilities.