IPCC Guideline Vol. 5 (Waste) ABBREVIATED VERSION FOR WEB POSTING

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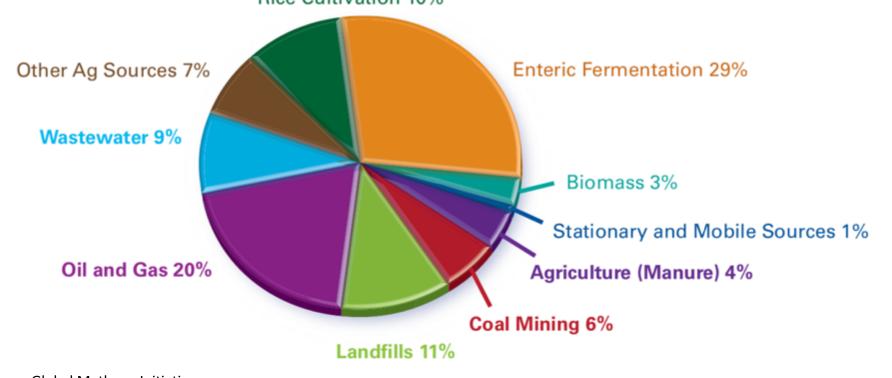


Presentation preview

- 1. IPPC Solid Waste emissions guidelines and estimation
- 2. IPCC Waste model and sample outputs
- 3. Biological treatment, burning of waste, wastewater guidelines
- 4. IPCC Refinement
- 5. Projections and linkages to NDCs
- 6. MRV for the waste sector
- 7. Tools and resources
- 8. Conclusions

Waste sector emissions - Global





2006 IPCC Guidelines for National Greenhouse Gas Inventories (Waste)

M Waste Generation, Composition and Management Data

- Solid Waste Disposal
- S Biological Treatment of Solid Waste
- Incineration and Open Burning of Waste
- Wastewater Treatment and Discharge

Waste composition

Default data provided for :

- 1. food waste
- 2. garden (yard) and park waste
- 3. paper and cardboard
- 4. wood
- 5. textiles
- 6. nappies (disposable diapers)
- 7. rubber and leather
- 8. plastics
- 9. metal
- 10. glass (and pottery and china)
- 11. other (e.g., ash, dirt, dust, soil, electronic waste)



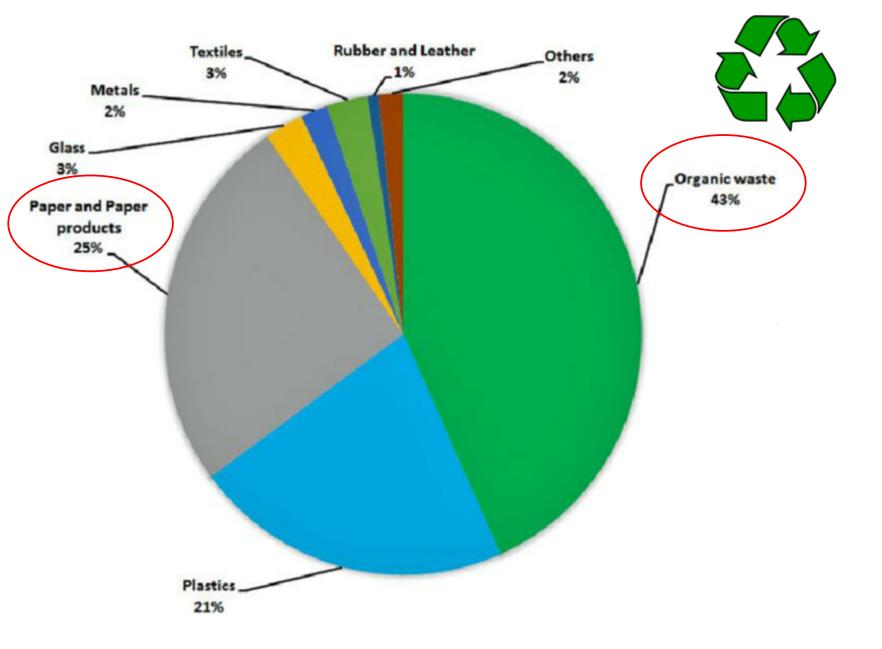
Municipal Solid Waste

- Household waste
- Garden (yard) and park waste
- Commercial/institutional waste

TABLE 2.1 MSW GENERATION AND TREATMENT DATA - REGIONAL DEFAULTS					
Region	MSW Generation Rate ^{1, 2, 3} (tonnes/cap/yr)	Fraction of MSW disposed to SWDS	Fraction of MSW incinerated	Fraction of MSW composted	Fraction of other MSW management, unspecified ⁴
Asia					
Eastern Asia	0.37	0.55	0.26	0.01	0.18
South-Central Asia	0.21	0.74	-	0.05	0.21
South-East Asia	0.27	0.59	0.09	0.05	0.27

MSW characteristics of waste generated in 2012

Kathmandu, Nepal



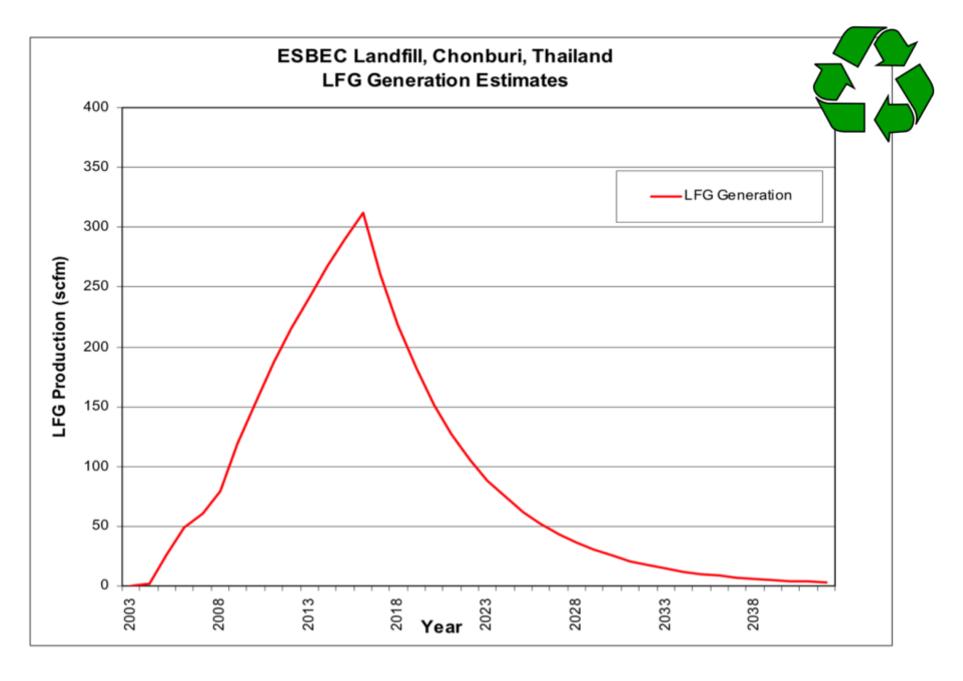
Solid waste disposal site considerations

- Time in place
- Treatment
- Temperature / precipitation
- Oxidation
- Recovery / utilization



ESBEC Solid Waste Disposal Site

Chonburi, Thailand



Thank you!

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