



SIMFLEX:  
Simulation Facility for Landfill  
Emission Experiments

Waste Sector and Biogas Profile:  
Global: Biogas (MSW,WW,MM)  $\approx$  OG  
Big urban US landfill: 1-4 tons/hr  
Major landfills: >2000 US, 270 CAD  
Mitigation: Gas capture, RNG to \$10x  
Inventory: FOD models, EFs  
Issue: Area and point sources  
Issue: Scale often >200 acres  
Issue: Wind, topography, complexity  
Default: EPA21 Walking @30 m