THE UNTAPPED POTENTIAL OF ORGANIC WASTE TO COOL THE PLANET Currently one-third of all food GHG 10% produced is being wasted **EMISSIONS** (equivalent to 10% of global GHG emissions). Preventing food waste could cut overall global GHG emissions by 2-5%. MECHANICAL RECOVERY AND Separate collection of BIOLOGICAL TREATMENT organic waste, composting, 95% mechanical-biological treatment of residual waste, and biologically active landfill cover can reduce methane emissions by an average of 95%. BIOLOGICALLY-ACTIVE LANDFILL COVER Other treatment methods, such as animal feed and anaerobic digestion, may be appropriate in some WASTEWATER OTHER MANURE FOOD WASTE ORGANICS circumstances. BIOSOLIDS ANAEROBIC DIGESTION ANIMAL FEED Composting benefits the soil quality by increasing nutrient storage capacity, biochemical Composting can save methane properties, crop production, emissions from landfills by 78%. and water retention; this also prevents floods, mud-**78**% slides, and loss of food crops.