





Today's Agenda

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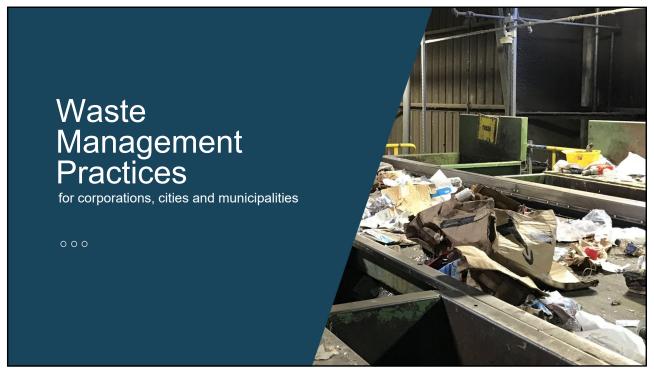
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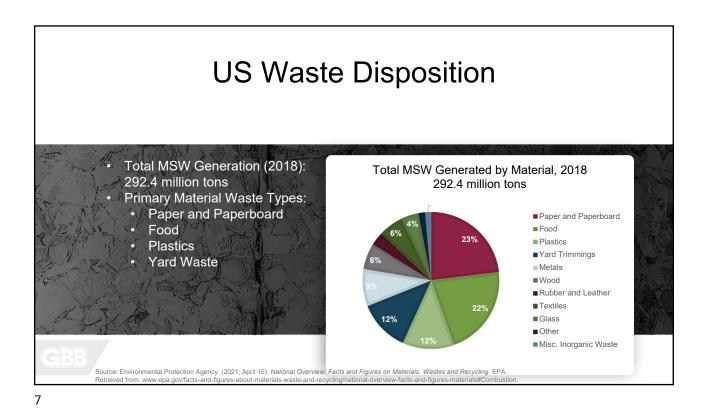
Recycling/Up-Cycling, Co-Processing, Recovery and Disposal Roles in Sustainable Integrated Solutions

✓ Q&A

✓ Reference Tools for Decision Makers

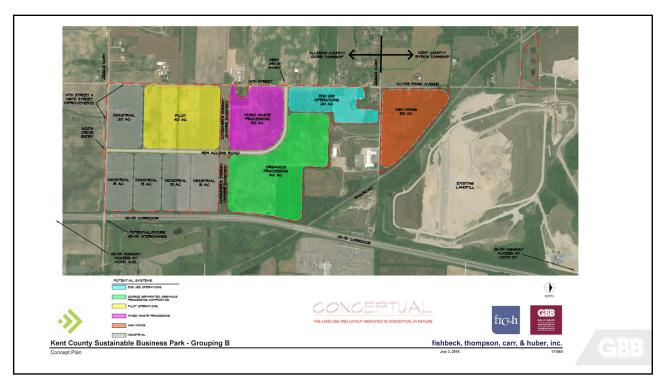






Infrastructure Number Curbside Recycling Programs 9,000+ Material Recovery Facilities Solid Waste 586 U.S. Solid Waste Infrastructure (MRF) Management **Options Transfer Stations** 3,350 Solid waste collection 2,300 Composting Recycling Mixed Waste Processing Organics **Facilities** 70* Waste conversion & Hybrid MRFs Landfilling Anaerobic Digestion (Stand-25 alone) WTE 76 Landfills 1,908 *Excludes facilities that solely produce RDF Source: GBB, 2017 from various.



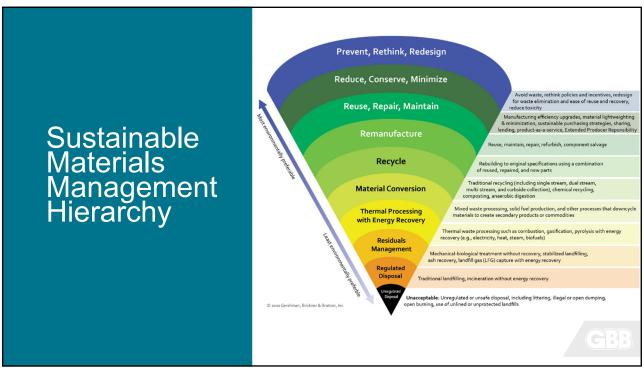


Sustainable Integrated Planning Components

- Sustainable Business Parks stimulate the paradigm shift towards a Circular Economy
- Circular Economy can be achieved through:
 - · Thoughtful design
 - Maintenance
 - Repair
 - Reuse
 - Remanufacturing
 - Refurbishing
 - Recycling of stocks and materials flow

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Environmental and NGO communities Chambers of Municipal Officials Regional manufacturers Non-profit social services Public Involvement organizations Stakeholder Open public Review session Committee Identify potential Identify objectionable project elements Communicate Department's vision ldentify users of recovered Build support for change suppliers of waste materials materials



Reference Tools for Decision Makers

- Managing and Reducing Wastes: A Guide for Commercial Buildings.
 https://www.epa.gov/smm/managing-and-reducing-wastes-guide-commercial-buildings
- Assessment Tools for Electronics Stewardship. https://www.epa.gov/smm-electronics/assessment-tools-electronics-stewardship
- Sustainable Materials Management Tools. https://www.epa.gov/smm/sustainable-materialsmanagement-tools
- EPA Center for Corporate Climate Leadership. https://www.epa.gov/climateleadership/scope-3-inventory-guidance
- Gold Standard for the Global Goals. https://www.goldstandard.org/articles/goldstandard-global-goals