

BioCleantech Forum - Ottawa

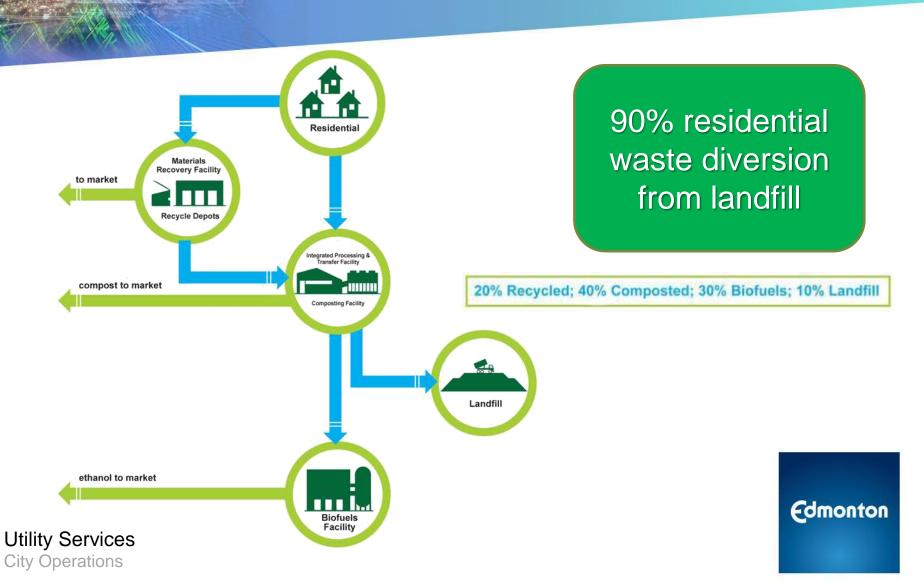


10 Year Search for New Landfill





Our Vision - Our Goal



Edmonton Waste Management Centre

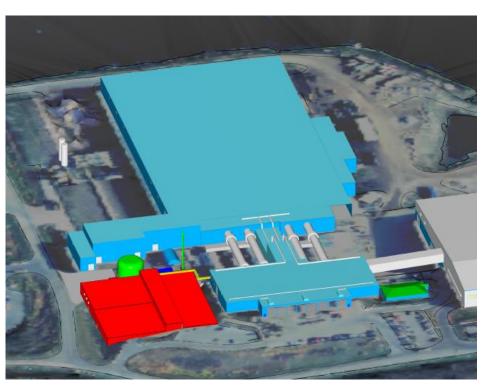


- Twelve waste processing facilities
- Two major research facilities
- Closed Landfill
- Sewage biosolids storage/recycling lagoons
- •Nine contractors, partners, tenants
- Over 500 employed today

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Future Anaerobic Digestion Facility



- Process up to 48,000 tonnes of organic solid waste per year
- Generate renewable energy
- Produce quality compost
- Reduce greenhouse gas emission
- Partnership with University of Alberta
- Funding through ERA
- Supports City's environmental strategic plan "The Way We Green"



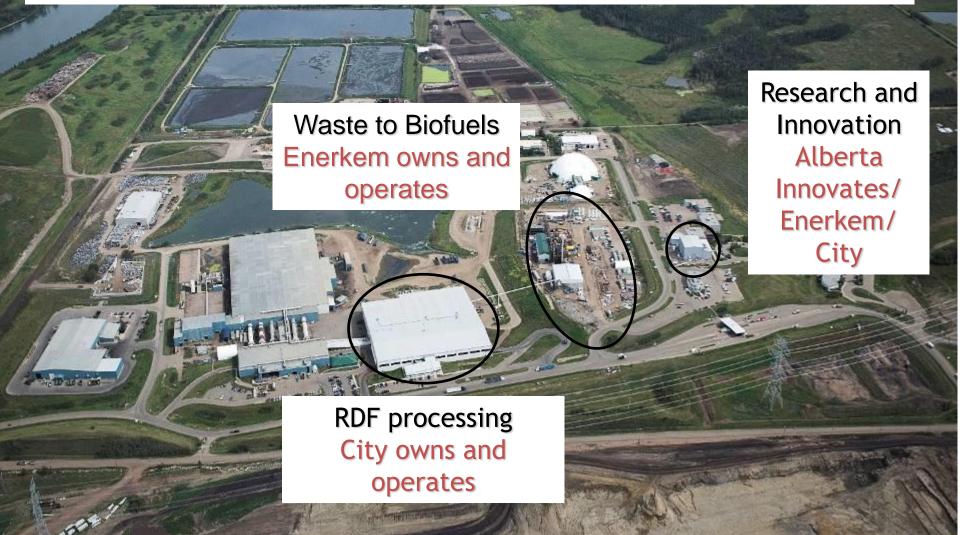
Anaerobic Digestion Facility



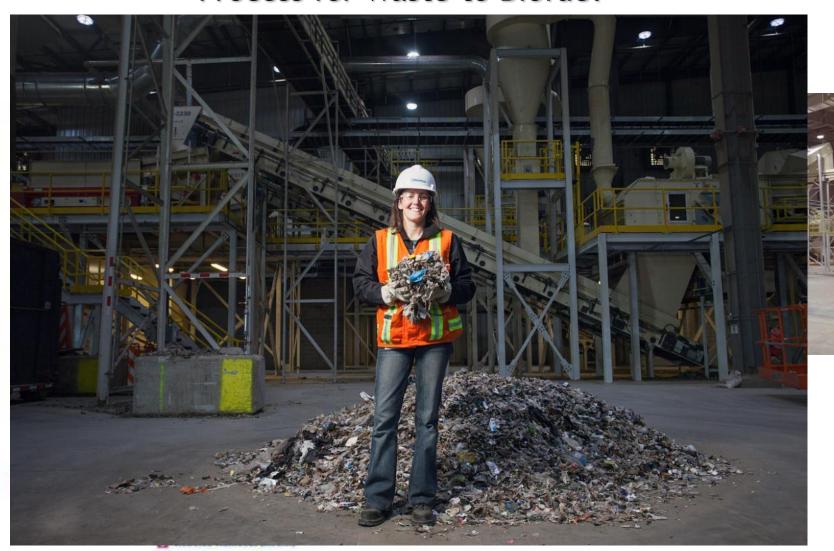


Utility Services
City Operations

Three Elements of the Waste to Biofuel Project



Refuse Derived Fuel (RDF) Process for Waste to Biofuel



Utility Services
City Operations



Need for On-going Innovation Advanced Energy Research Facility

- Established with Alberta Innovates and City of Edmonton investment
- Plug-and-play facility to encourage technical innovation
- Attracting investment new R&D and piloting projects
- Accelerates development of new technologies
- R&D Bench Scale Laboratory



 Advanced Energy Research Facility



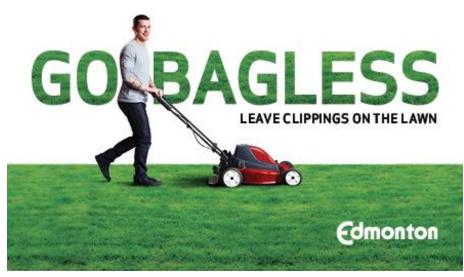


Community Relations & Education

Tours at the Edmonton Waste Management Centre

- Grade 4 Curriculum
- Post Secondary Institutions
- Public

Presentation to over 13,000 students and adults per year

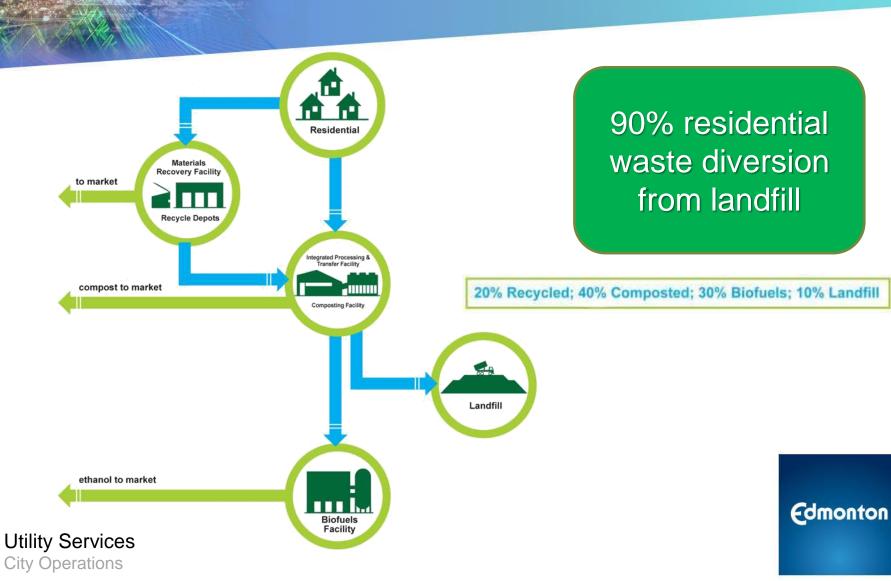






Utility Services
City Operations

Our Goal



Thank You

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