

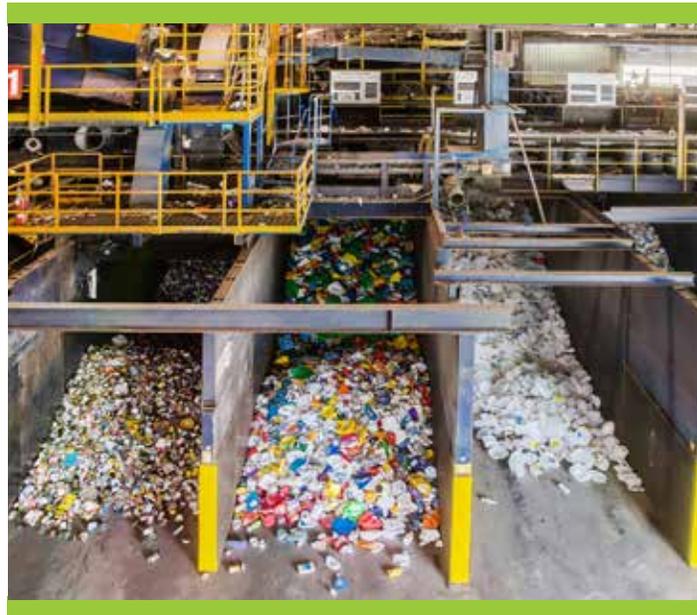
# building a sustainable future in Edmonton, Alberta



Since 2011, SUEZ has helped the city of Edmonton operate one of the largest resource recovery operations in North America. The Edmonton Waste Management Centre is comprised of integrated facilities that offer many solutions for residents including Recycling, Organics Processing, and renewable energy. Through these systems working together, the facilities are able to process thousands of tons of various wastes per year. Now, we are helping the city get even greener through the production of renewable energy from biogas.

# waste processing in Edmonton, Alberta

SUEZ works with the City of Edmonton's Waste Services Branch to help it reach its goal of 90 percent diversion of residential waste from landfill.



## our commitment to serving the Edmonton community

**Biogas will be processed at the soon to be commissioned Anaerobic Digestion Facility, which SUEZ will operate and maintain. This facility will be capable of processing up to 40,000 tons of waste annually and will generate renewable energy from biogas produced by processing the organic portion of municipal solid wastes. In doing so, it will reduce greenhouse gas emissions by displacing fossil fuel sources, and avoiding landfill methane emissions through enhanced waste diversion activities.**

The Anaerobic Digestion Facility is connected to the existing Edmonton Composting Facility to create a fuller range of organics processing. The Edmonton Composting Facility is one of the largest municipal solid waste and biosolids processing and composting facilities in North America and is part of the 576-acre Edmonton Waste Management Centre along with the Materials Recovery Facility, the Integrated Processing and Transfer Facility, and the Construction and Demolition Recycling Facility. SUEZ provides services in all of these areas.

Through optimization of operation and maintenance activities at the Composting Facility, SUEZ has been successful in increasing

its annual throughput capacity by over 25 percent since 2011. SUEZ' multidisciplinary expertise in waste management has enabled the City to achieve tangible synergies and cost savings in a range of diverse operations and maintenance business requirements.

SUEZ also supports Edmonton by sharing knowledge and best practices gleaned from its global operations. SUEZ' expertise is evident in many areas, including its impressive safety record. SUEZ recently celebrated 2,000 days of no lost time incidents at the Edmonton Composting Facility.

SUEZ' comprehensive maintenance strategy includes a wide variety of tools that are beyond a typical maintenance program, including project management, asset management, asset condition assessments, standardized procurement practices, 5S workplace organization best practices, and key performance indicator analysis. The strategy promotes worker safety, and SUEZ recently celebrated 2,000 days of no lost time incidents at the IPTF, RDF and C&D facilities.

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