Plugging the West Coast Carbon Short
The Coming Low Carbon Shortage and Need for Sustainability Verification
ISCC/PRIMA Conference

How Enerkem can Support the Decarbonisation Strategies at the West Coast
Company overview

- Full Commercial-scale at Edmonton Facility. In Operation
- Low-Carbon Transportation Fuels and Chemicals
- Low-Cost Waste Management Solution
- Robust IP Position. 95+ Patents
- Strong Pipeline of Projects
- >200 Employees Ready for Growth
Enabling a more circular economy
Advanced biofuels increase energy diversity and reduce GHG emissions
California Low carbon Fuel Standard
Sustainable waste management providing alternative to landfilling and incineration
Complementary to recycling and composting

Source Reduction and Reuse
Recycling / Composting

Biorefinery (liquid fuels, chemicals)

Waste-to-Energy (heat, electricity)

Landfill
Renewable chemicals from waste help transition to a circular economy
Greening everyday products

Source: Methanex
Enerkem’s biorefinery process

Replacing the use of petroleum for fuels and chemicals production
World’s first commercial scale MSW to biofuels and chemicals facility
City of Edmonton’s Integrated Waste Management Centre

- Integrated Processing and Transfer Facility
- Recycling center
- Composting center
- ENERKEM biorefinery

Recycled: 20%
Composted: 40%
Biofuels: 30%
Landfill: 10%

Waste diversion = 90%
Building facilities through modular manufacturing accelerates growth
Next projects

• Projects under development in Canada and the U.S.
• Biomethanol facilities in Europe
• MOUs in China and other regions of the world
Biofuels and Chemicals facility to use urban waste from commercial sector and construction and demolition debris

Location: Varennes, Quebec
Using waste for the production of greener chemicals

Waste-to-Chemicals public-private partnership in Europe
New Product Development
Innovation Center in Westbury, Quebec
Thank you

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