Who is Propel?
A Nova Scotia company with only one objective:
1) Seek out efficient, cost effective, scalable & environmentally friendly way of diverting waste away from landfills.

How do we achieve our one objective?
we are developers not inventors
we have experience in pulling together all the elements that make a project successful
The partners within Propel have installed 40MW of large scale wind energy, developed the largest solar installer in Eastern Canada.
We have the ability to analysis technology and build successful business relationships
What are the components of a successful Waste to Energy project?

1) The objective is to not just divert waste from a landfill it includes making a sustainable business
2) Public policy that enables innovative uses of waste
3) Regularity authorities that are prepared to consider new technology
4) Waste authorities that are open to new opportunities
5) Scalable technology
6) Technology that converts waste into a usable product
7) Develop a market for the usable products
8) Financing to develop and operate
Waste as an Energy Source

When waste is buried in a landfill
1 tonne of landfill MSW emits
approximately 2200 cubic feet of
Methane (captured or not)

When waste is converted into
resuable fuel

Utilizing new technology 90+% of
1 tonne of MSW is able to be
converted into 100% renewable
diesel
This technology produces electricity
Legislation in Canada requires renewable content in gasoline and diesel.
Renewable fuels legislation

Carbon Footprint reduction
The world is expecting better from Canada and so should we. Liberal government is putting a carbon tax in place.

Consumer demand for cleaner, healthier fuels

Currently NO significant suppliers of renewable fuel content in Canada.
Understand your technology get your hands a little dirty
Propel’s strategy

Develop business relationship with major user(s) of renewable fuel

Develop business relationships with feedstock suppliers

Provide high quality job opportunities for local residents

Undertake research on the uses and marketability of by-products

Progress to date

1) Signed agreement with Canada’s largest energy producer. They will purchase 100% of our fuel produced in Canada.
2) Final stage of entering into an EPC contract to have two facilities built in Canada, One in Nova Scotia and second in British Columbia.
3) Technology provider selected and is working with EPC contractor.
4) Looking to enter into feedstock agreements in NS for MSW to supplement waste wood contracts.
5) Feedstock supply agreement with local woody bio mass producers in NS, in place.
6) Finalizing site purchase in NS. First plant will produce 100,000 l/d of renewable diesel
7) Financing in place for first two plants
Thank you Any questions?

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