



CIELO

A Window to a “Greener” World

CORPORATE OVERVIEW - VIDEO



TSXV:CMC
OTCQB:CWSFF
WKN:C36

Cielo Waste Solutions Corp.

Disclaimer

This presentation contains certain statements that may be deemed "forward-looking statements". All statements in this document, other than statements of historical fact, that address events or developments that Cielo Waste Solutions Corp. ("Company") expects to occur, are forward-looking statements. Forward-looking statements are statements that are not historical facts and are generally, but not always, identified by the words "expects", "plans", "anticipates", "believes", "intends", "estimates", "projects", "potential" and similar expressions, or that events or conditions "will", "would", "may", "could" or "should" occur.

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Factors that could cause the actual results to differ materially from those in those in forward-looking statements include but are not limited to the inability to inability to complete the successful commissioning and commercialization of the commercialization of the Company's technology and facilities, failure to to successfully negotiate and finalize joint venture agreements, inability to inability to maintain or obtain sufficient financing to complete the Company's Company's objectives, inability to obtain requisite regulatory and other approvals other approvals to successfully commercialize the technology and facilities. facilities.

Investors are cautioned that any such statements are not guarantees of future of future performance and actual results or developments may differ materially materially from those projected in the forward-looking statements. Forward-Forward-looking statements are based on the beliefs, estimates and opinions of opinions of the Company's management on the date the statements are made. are made. The Company undertakes no obligation to update these forward-forward- looking statements in the event that management's beliefs, estimates or estimates or opinion, or other factors, should change.

Cielo is creating a solution for one of the fastest growing growing and largest industries in the world...**GARBAGE** world...**GARBAGE**

“By 2050 the world is expected to generate 3.4 Billion tons of waste each year of which 33% is reportedly mismanaged by open dumping or burning. These stats are alarming, and this garbage is wreaking havoc on our planet.”

Cielo is working on a technology that proposes to use unlimited low-cost waste feedstock and converts it to high grade renewable/waste fuels.

Cielo has an ideal solution.

Quote source: World Bank Group

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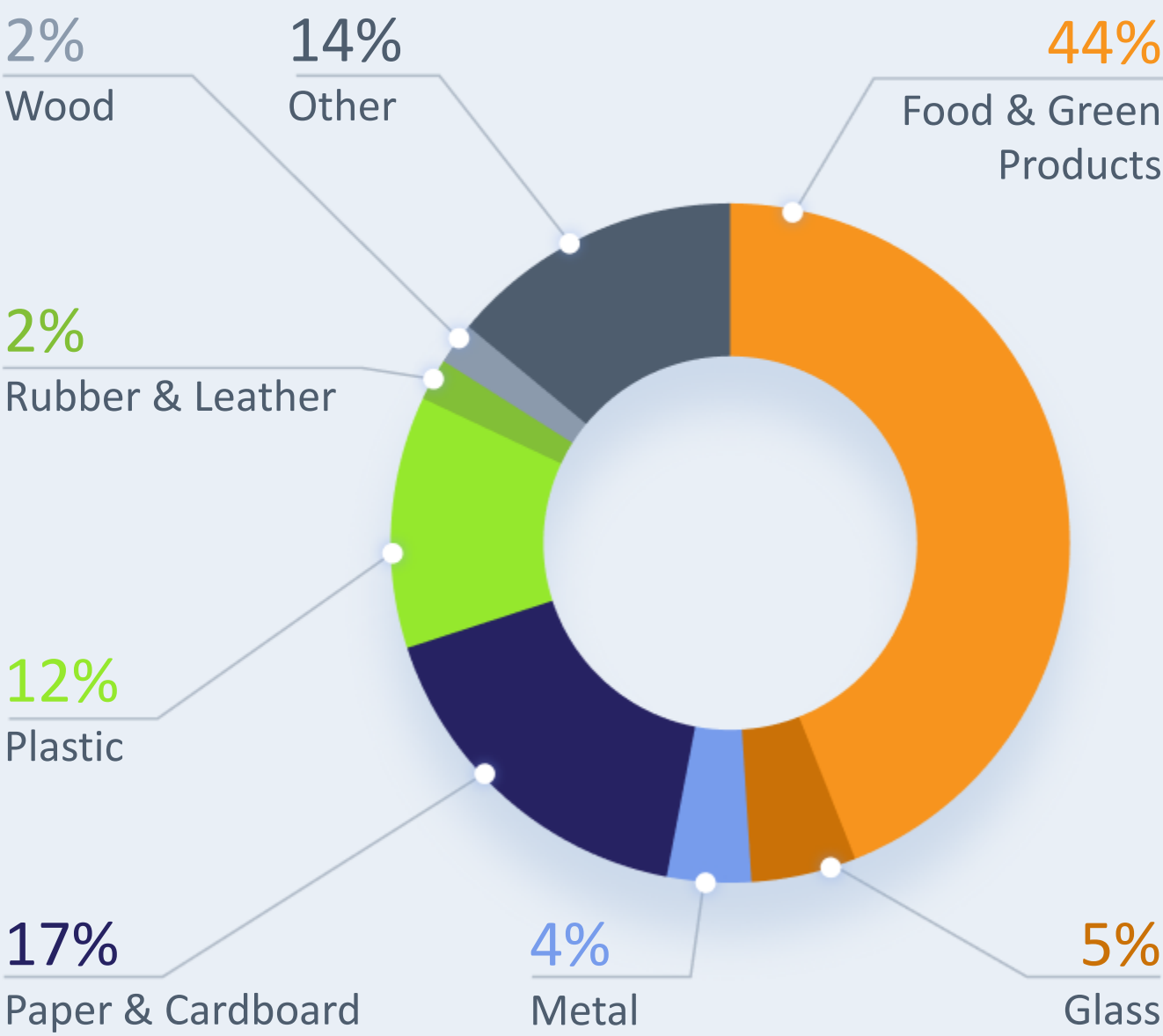
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Who We Are?

- ▶ We are a waste solutions company producing low carbon energy! Our solution has the potential to be highly profitable.
- ▶ Cielo has an exclusive world-wide license to a game changing technology. Cielo currently converts wood waste and its technology can produce Diesel, Kerosene (aviation jet and marine fuel) and Naphtha. The technology has the potential to convert multiple waste streams into fuel reducing greenhouse emissions (GHG's) and environmental hazards.

The feedstock that Cielo proposes to use in the Company's green facilities is the world's most available and inexpensive feedstock — garbage; including household, commercial/construction/demolition garbage, organics, used tires, railway ties, telephone poles and plastics that currently pollute our world.
- ▶ Canadian Company with a Global Expansion Strategy. is headquartered in Alberta, Canada and plans to build and **green** facilities across North America as well as globally. With a long-term global expansion strategy, investors today will be buying into the North American expansion.
- ▶ Cielo is Currently in Production. The first commercial facility was commissioned in 2019 and is using wood waste to produce diesel, kerosene (jet and Marine fuel) and naphtha. Cielo has a take-off agreement in place for all the fuel and GHG credits produced from every facility in North America.
- ▶ Cielo is planning multiple locations over the next decade with plans to divert annually approximately 3.9M tonnes of waste, creating approximately 1.3 B liters of waste to fuel, potentially making us one of the fastest growing ESG companies in the world.

Industry Metrics



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Global Waste Generated / Year

2.01 Billion
Tons in 2018

3.4 Billion
Tons by 2050

≈ 37%
Of Global waste is disposed
is disposed of in landfills



Demand for Diesel in Canada

17.4 Billion Liters
of fossil fuel diesel produced
produced in 2015

872 Million Liters
of renewable diesel required
required to meet yearly
mandate by Canadian
Government

98%
of mandated renewable diesel
diesel is currently imported
imported from overseas by
by ships burning bunker fuel,
fuel, and produced from food
food crops as feedstock



Global Renewable Diesel Production

4X
by 2030

4.8 Billion Liters
per Year in 2019

19.7 Billion Liters
per Year by 2023



CAPEX Investment Increasing in the Global Thermal Waste-to-Waste-to-Energy Market

\$15 Billion
estimated 2020 CAPEX

\$19 Billion
estimated 2024 CAPEX

\$19 Billion
estimated 2024 CAPEX



Global Waste to Energy Market Size

\$25 Billion
in 2015

\$44 Billion
in 2024

\$44 Billion
in 2024

Dual Pronged Growth Strategy

Cielo business model is to build both 100% corporate owned facilities as well as additional facilities with our joint venture (JV) partner Renewable U Energy Inc. This two-pronged expansion strategy offers accelerated growth with minimum dilution to shareholders.

Corporate Growth

- ◆ Cielo believes the Aldersyde facility will be a large-scale research and development facility for the life of the plant. This will allow Cielo to commercially try different feedstocks, process improvements and costs savings without interfering with the larger commercial facilities.
- ◆ Cielo has begun further expanding with the planning of their 100% corporate owned facility in Fort Saskatchewan, AB. Cielo has purchased the land and has begun engineering on a 60 lph facility that will be used to help scaling up the facilities for the new locations.
- ◆ Cielo has been approached and is in discussion with countless municipalities, industries and countries all interested in our technology. We are carefully assessing which of these many opportunities we will engage next.

Modular Manufacturing Model

- ▶ Cielo has developed a modular “plant” manufacturing system. This format allows for multiple “plants” to be built and connected to existing plants, based on feedstock supply at each facility site. The modular design allows simplicity in manufacturing and costs savings as well as advantages in engineering design and support.
- ▶ Cielo expects to build at least 1-2 corporate facilities over the next 36 months. Facilities will utilize wood waste pending the completion of additional research utilizing plastics and railway ties as feedstock.
- ▶ Cielo believes that using waste feedstocks will allow for a much higher EBITDA than the competitors using food crops.

Our Process to Convert Waste

(continued)

Cielo's process is referred to as Thermal Catalytic Depolymerization (TCD). Waste materials are liquified in the reactor utilizing **green power** (where available) and blended with our **proprietary catalyst**. The catalyst causes a near instant reaction and forms a distillate which is then distilled further into renewable transportation diesel, kerosene (jet/marine fuel) and (jet/marine fuel) and naphtha.

Simply put, Cielo combines a **proprietary catalyst** and heat to convert garbage into fuels.

HIGHLIGHTS OF OUR PROCESS:

- ◆ Process utilizes atmospheric pressure and low heat, resulting in a much lower capex costs and the advantages of advantages of using lower skilled labor to operate the plant.
- ◆ Conversion/reaction process is significantly faster than than traditional biodiesel processing.
- ◆ Modular design facilitates scaling for global deployment.
- ◆ Lower input costs as a result of being able to use multiple multiple waste sources, rather than solely depending on on feedstocks derived from food crops.
- ◆ Patent approved on the process in USA and Canada.
- ◆ The catalyst formulation will be treated as a trade secret and will not be patented.

Aldersyde Facility



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The Cielo Advantage

- ◆ Cielo facilities are planning to use household and industrial waste that currently goes to landfill and convert them into **valuable fuels**.
- ◆ Our facilities operate with no **harmful emissions**.
- ◆ Cielo is proposing to help in greatly reducing methane emissions (**GHG's**) from landfills, as well as reduce reliance on imported biofuels made from agricultural products.
- ◆ Cielo is projecting to be **profitable** without government assistance.
- ◆ Cielo's believes that their technology process will produce a fuel that can be used in **cold climates** 365 days/year, where traditional bio-diesel is used in the summer months only. This is especially important with aviation fuel and transport applications.
- ◆ In addition to the Company's revenue and earnings, Cielo believes it will enjoy **multiple credits and tax advantages** over the competitors.

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