Wood Waste to Renewable Energy

August 2024

CHARTECH

Forward Looking Statements

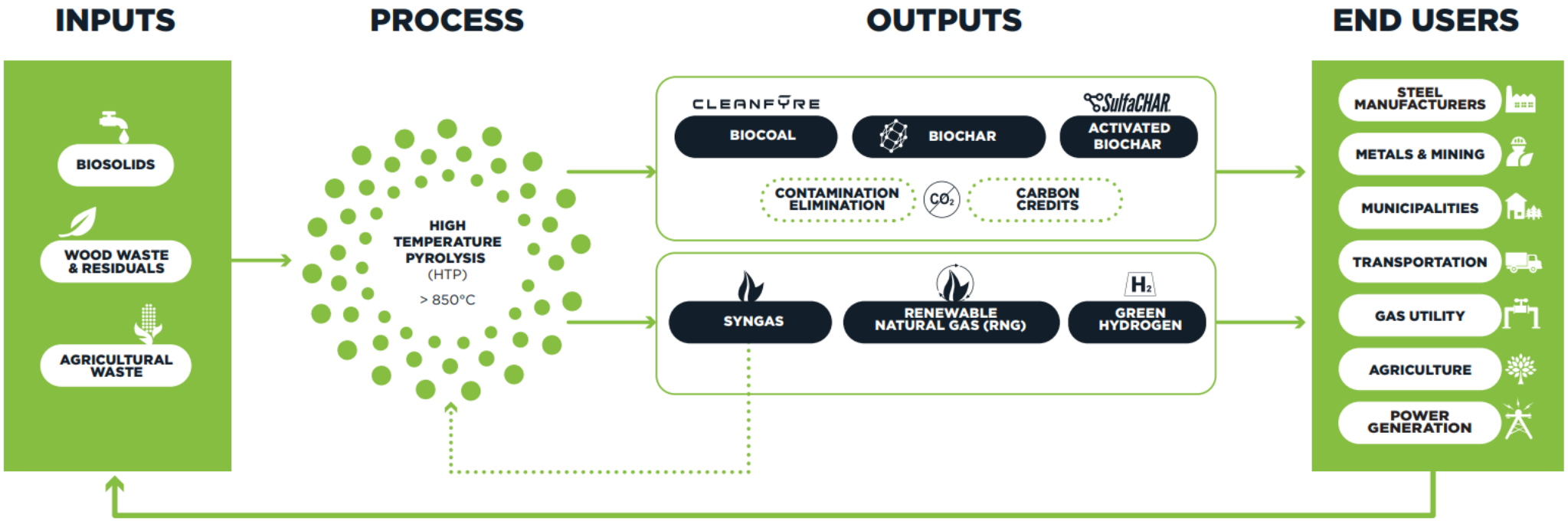
Statements in this presentation, to the extent not based on historical events, constitute forward-looking statements. Forward-looking statements include, without limitation, statements evaluating market and general economic conditions, and statements regarding future-oriented costs and expenditures and expected revenue. Investors are cautioned not to place undue reliance on these forward-looking statements, which reflect management's analysis only as of the date thereof. These forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially. Such risks and uncertainties with respect to the company include the effects of general economic conditions, actions by government authorities, uncertainties associated with legal proceedings and negotiations, competitive pricing pressures and mis-judgements in the course of preparing forward-looking statements. Readers are cautioned that there can be no assurance that the Company will be able to enter into definitive agreements for, or otherwise proceed with or realize upon, the potential opportunities referred to in this presentation on timely basis or at all, nor that the nature and scope of such potential opportunities will ultimately be as described herein or as to the extent of any financial, operational or other benefits which may be realized by the Company in proceeding with such potential opportunities.

The forward-looking information contained in this presentation represents management's expectations as of the date of this presentation and is subject to change after such date. However, we disclaim any intention or obligation or undertaking to update or revise any forward-looking information whether as a result of new information, future events or otherwise, except as required under applicable securities laws in Canada.

Forward-looking information is necessarily based on a number of opinions, estimates and assumptions that management considered appropriate and reasonable as of the date such statements are made, and is subject to known and unknown risks, uncertainties, assumptions and other factors that may cause the actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information, including but not limited to those described under the heading "Risk Factors" in our 2023 annual MD&A for the fiscal year ended September 30, 2023.

We caution that the list of risk factors and uncertainties under the heading "Risk Factors" is not exhaustive and other factors could also adversely affect our results. Readers are urged to consider the risks, uncertainties and assumptions carefully in evaluating the forward-looking information and are cautioned not to place undue reliance on such information.

What We Do

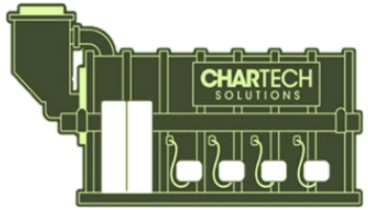


VALUE PROPOSITION

CARBON CREDITS OR SEQUESTRIAN | VALUABLE BIOCARON PRODUCTS | RENEWABLE ENERGY | SELF-SUFFICIENT CAPABILITIES

Wood Waste to Renewable Energy Process

1 Kiln Processes 37,500 Tonnes of Wood Waste per Year



Closed Loop System

- Carbon negative
- Heats wood waste without oxygen
- Materials do not burn
- No harmful emissions or odours

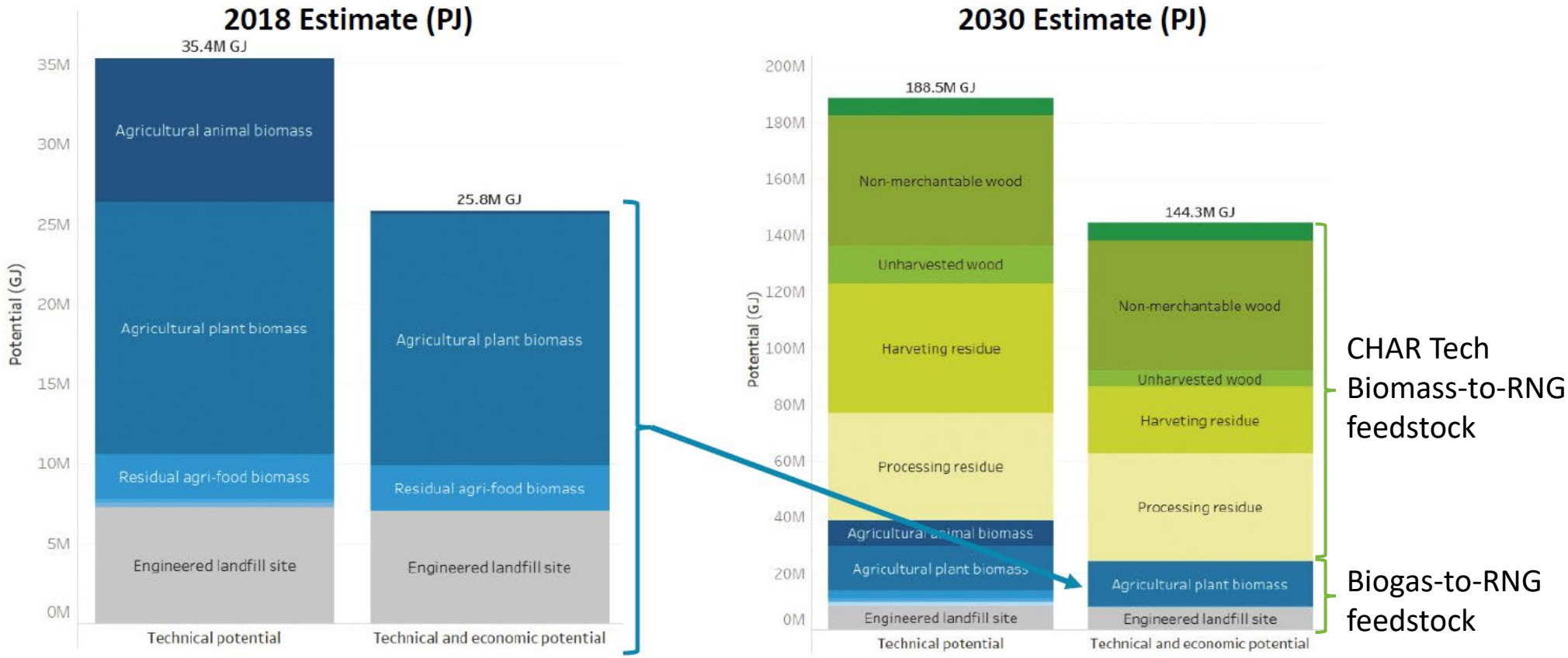
Renewable Natural Gas or Green Hydrogen 250,000 GJ/yr

- Pipeline quality gas
- Fully interchangeable with conventional natural gas
- RNG for 5,500 homes
- Markets pay significant premiums

Biocoal / Biochar 5,000 tonnes/yr

- Biocoal drop-in replacement for steelmaking coal or;
- Biochar carbon credit generation

Biomass RNG Opportunity – Québec Example



Renewable natural gas production in Québec: A key driver in the energy transition
WSP & Deloitte, October 2018

Securing Long Term Wood Waste Supply

Partnership Signing Between LNFMI and CHAR

Lake Nipigon RNG and Biocoal Facility Site March 2024

CHAR Tech has partnered with the four First Nation communities of Lake Nipigon Forest Management Inc who hold the Sustainable Forest License (SFL) on the Lake Nipigon Forest.

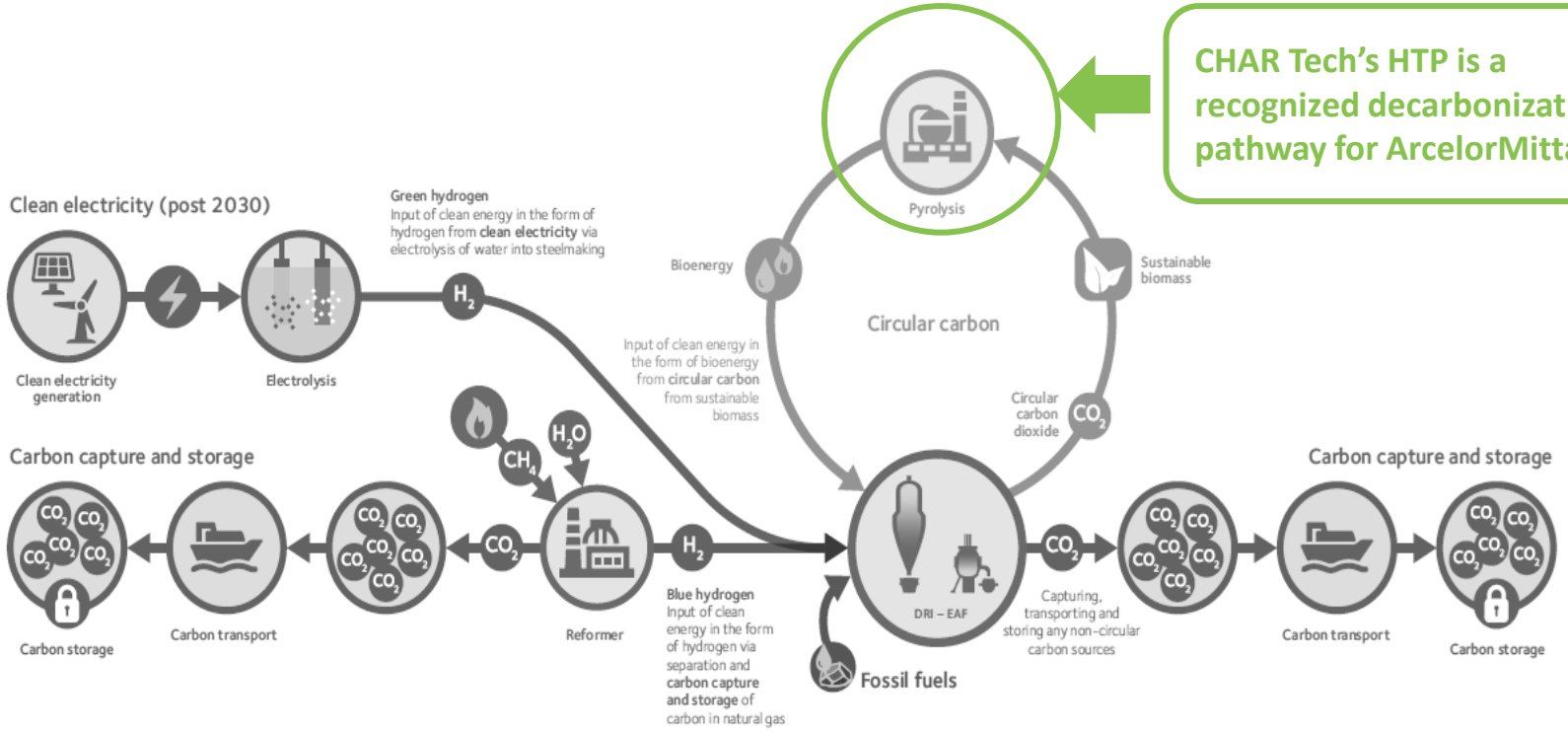
The LNFMI partnership secures the long-term supply of 500,000 tonnes/yr of wood wastes so CHAR Tech can focus on delivering innovative projects in development.

1 CHAR HTP kiln can process 37,500 tonnes of wood waste to generate an estimated revenues of $10M/yr. Processing 500,000 tonnes/yr of wood would represent >$100M in revenue potential.

Industrial Decarbonization – Biocoal/Biocarbon ArcelorMittal Strategic Partnership & Investment

ArcelorMittal

- Invested $6.6M equity at $0.60 in July 2023
- ArcelorMittal is the primary purchaser of CHAR's biocoal
- CHAR Tech is the only Canadian company selling biocoal to steelmakers



ArcelorMittal Climate Action Report 2 – July 2021

Industrial Decarbonization – Renewable Natural Gas (RNG) Sells at a Large Premium to Natural Gas

- Utilities such as FortisBC and Énergir are signing 20-year RNG sales agreements with RNG producers, like CHAR, between $21-$45 per gigajoule (GJ)
- CHAR Tech's Thorold facility will produce 500,000 GJ in 2025
- CHAR Tech's pipeline of projects lays out the pathway for over 3M GJ of RNG production

Courtesy of Enbridge

$19.4M in Non-Dilutive Government Support
Job creation, forestry industry support, industrial decarbonization

Clean Fuels Fund
- $6.6M non-repayable grant to support engineering and design, FEED studies, for 5 CHAR projects in development

Forest Sector Investment & Innovation Program
- $6.4M, 50% non-repayable, 50% repayable, to support Thorold project construction

Investment in Forest Industry Transformation
- $4.9M non-repayable grant to support Thorold project construction

Federal Economic Development Agency
- $1.5M, repayable to support Thorold project construction

Ontario

Government of Canada / Gouvernement du Canada

Canada

Active Projects in Construction

CHAR Tech Thorold

Type: CHAR Tech Build, Own, Operate
Input: Clean Woodwaste
Outputs:

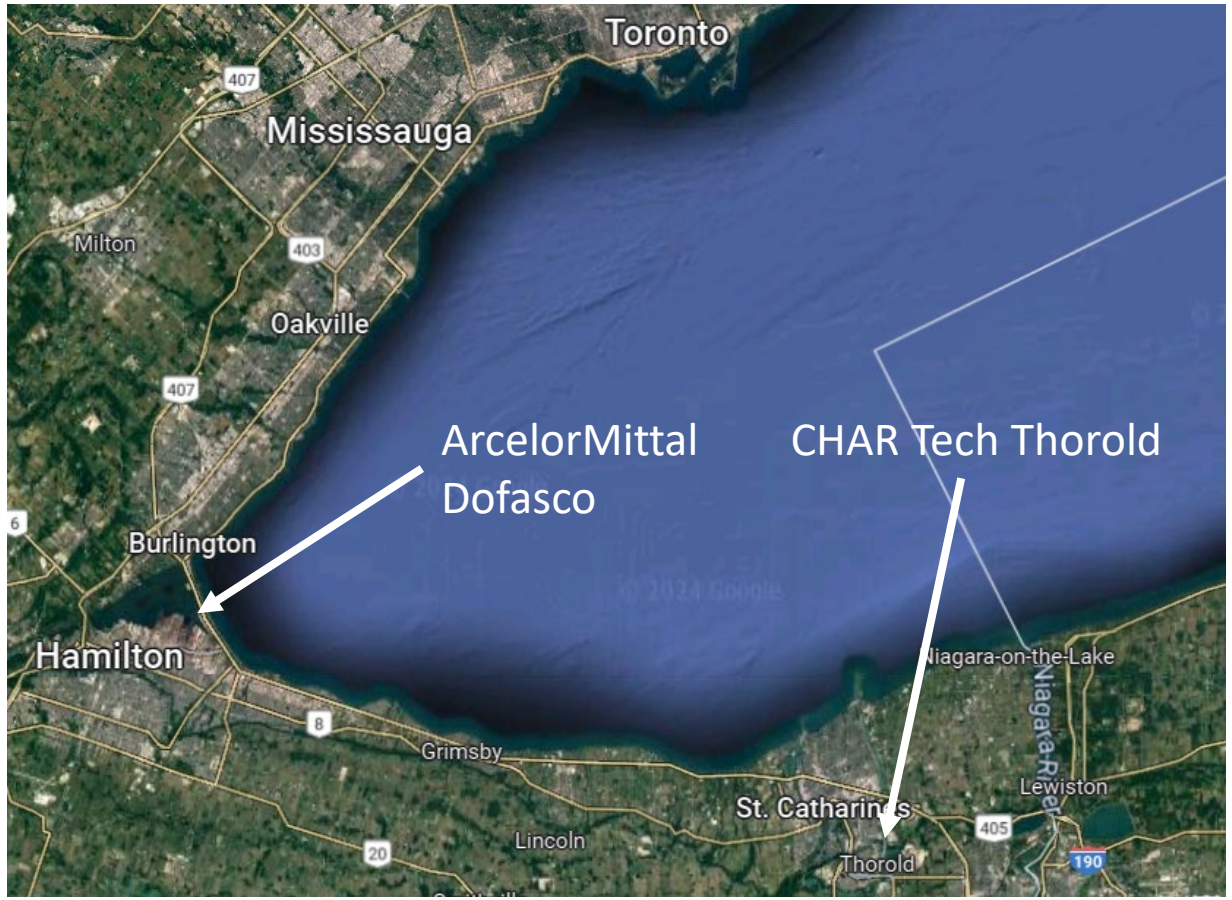
- 10,000 Tonnes/yr Biocarbon (biocoal)
- 500,000 GJ/yr Renewable Natural Gas (RNG)

Synagro U.S.A.

Type: Client owned
Input: Dried biosolids
Outputs:

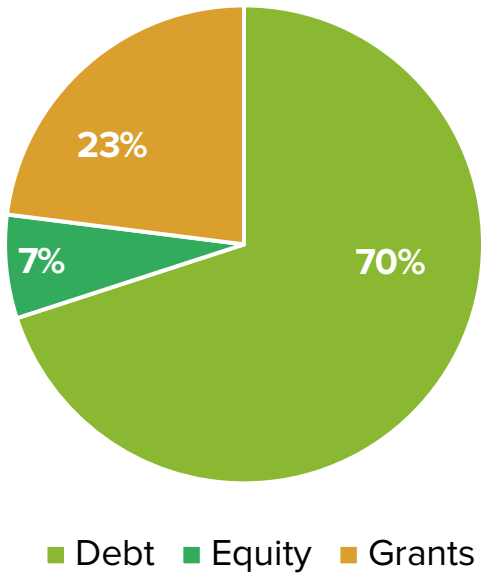
- PFAS destruction
- Biochar
- Clean syngas for thermal applications

Thorold Location



Project Economics and Capital Structure Example

Projected Source of Funds



CHAR Economics Model

Project Revenue $20M/yr

OPEX, Maintenance, O&M

EBITDA $8M/yr

Tax Account & Debt Repayment

Net Income $5M/yr

CHAR Capital Structure

TSXV: YES – June 2024

- 99 million basic shares (106.9 million FD)
- 17% insider ownership
- 11.7% strategic ArcelorMittal ownership
- $39 million basic market cap ($0.39 share price)

Active and Proposed Project Locations

Project	RNG (GJ/yr)	Biocoal (tonnes/yr)
In Construction		
Thorold, ON	500,000	10,000
In Development		
Lake Nipigon, ON	500,000	10,000
Kirkland Lake, ON	500,000	10,000
Saint-Félicien, QC	250,000	5,000
Feasibility Study		
Terrace, BC	500,000	10,000
La Sarre, QC	500,000	10,000
Totals:	**2,750,000**	**55,000**

Key Leadership Profiles

Andrew White, Chief Executive Officer, Co-Founder

Andrew has a MASc degree in Chemical Engineering from the University of Toronto and after a eureka moment in the lab, launched CHAR Technologies. He also has a Master's Degree in Business, Entrepreneurship and Technology (MBET) from the University of Waterloo. He's been named the OBBA's Young Entrepreneur of the Year, and led CHAR to be named the CIX Top 20 Most Innovative Public Companies.

Raquel Insa, Chief Financial Officer

Raquel holds an International MBA from IE Business School in Madrid and a Corporate Finance Masters from UCLA's Anderson School of Business. Raquel has previously served in key financial leadership roles at the Quasar Consulting Group and Terrapex Environmental Ltd where she delivered industrial projects across a wide range of sectors including large infrastructure construction, geothermal, oil and gas, and mining.

Anton Szpitalak, Chief Development Officer

Anton Szpitalak is co-founder and President at Pan Asia Solar, a cleantech investment platform that has invested more than $100M in VC-stage companies globally. He also serves as a Board Member in two other companies including Silfab Solar Inc. and Gridco Srl. He brings onboard a wealth of experience fostering the growth of early-stage cleantech businesses globally.