



Corporate Overview

August 2023

**Jasper, Canada - where the forest has been destroyed by the pine beetle.
The world needs new solutions for reforestation .**

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Mission Statement

**To offer an economical option to build better forests
by growing stronger trees from the roots up.**

"The best time to plant a tree is twenty years ago. The second-best time is now."

Anonymous

**Global Treegro was established to commercialize
its proprietary reforestation technology designed
to address the increasing need for smart forestry
solutions.**

Trees & Climate Change in the News

- The 2 Billion Trees (2BT) program aims to motivate and support new tree planting projects. Over a period of 10 years, by 2031, up to \$3.2 billion will be invested in tree planting efforts to support provinces, territories, third-party organizations (for and not-for profit) and Indigenous organizations to plant two billion trees across Canada.
<https://www.canada.ca/en/campaign/2-billion-trees/2-billion-trees-program.html>
- In April, President Biden signed an executive order aimed at protecting old-growth forests. In August, before Biden took office, the U.S. officially signed on to an effort to plant 1 trillion trees worldwide, with a goal of at least 855 million in the U.S. by 2030.
<https://thehill.com/policy/energy-environment/3573711-biden-administration-announces-plans-to-plant-one-billion-trees/#:~:text=In%20April%2C%20President%20Biden%20signed,in%20the%20U.S.%20by%202030.>
- They (researchers) found Earth's ecosystems could support another 900 million hectares (2.2 billion acres) of forests, 25 percent more forested area than we have now. By planting more than a half trillion trees, the authors say, we could capture about 205 gigatons of carbon (a gigaton is 1 billion metric tons), reducing atmospheric carbon by about 25 percent. That's enough to negate about 20 years of human-produced carbon emissions at the current rate, or about half of all carbon emitted by humans since 1960
<https://climate.nasa.gov/news/2927/examining-the-viability-of-planting-trees-to-help-mitigate-climate-change/>

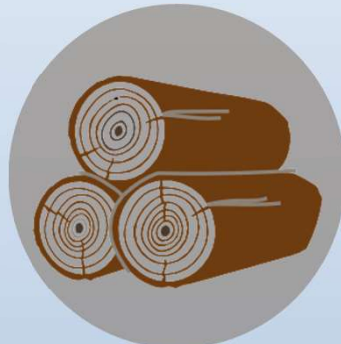
Global Issues

Addressing 21st century reforestation challenges

Forested areas are decreasing because of:



**Climate change
Deforestation
Mining**



**Logging activities
Fuelwood harvesting**



Insect infestations



**Forest fires
Natural disasters**

The world needs to plant the equivalent land area of China!

Demands on current methods

- The number of seedlings required to repopulate forests lost to wildfire, disease, and drought outpaces the fields and greenhouse space to grow them

<https://www.sierraclub.org/sierra/truth-behind-big-beautiful-reforestation-initiatives>

- Site preparation (including roads/camps/fuel) costs are substantial
- Refrigerated transportation to site and seedling packaging creating greenhouse gases
- Fewer tree planters



Demands are creating

- Added costs
- Need for new solutions
- Stress on current methods
- Increased Carbon Emissions

The Opportunity for Savings

With seedlings costing around \$1 planted ⁽¹⁾



Forestry companies in Canada are obligated to plant 600 million trees this year. This will cost about \$600 million.

Global TreeGro's technology could significantly reduce this cost

Global TreeGro could provide savings of between 25% - 50% on planted costs resulting in \$150-\$300 million in savings.

(1) The BC Ministry of Forests, Lands, Natural Resource Operations & Rural Development Interior Appraisal Manual July 2019 provides a guideline to the current costs incurred by forestry companies to plant trees per hectare in BC's interior.

Company Highlights

- ✓ Developed and filed a patent (2020) and a provisional patent (2022)
- ✓ Received approximately \$180,000 from government grants for research work.
Currently approved for the National Research Council (NRC) Industrial Research Assistance Program (IRAP) Interactive Visit Program
- ✓ Significantly improved its technology through increased water absorption, faster seed germination and new materials through extensive field testing throughout Alberta and British Columbia at 14 locations over the last 3 years. Currently some location test results are in excess of 50% germination. Industry direct seeding has low seedling establishment rates (i.e. typically around 20%)(1)
- ✓ Opened discussions with a First Nations Group and a government body
- ✓ Approved and in agreement with a large mine for reclamation testing
- ✓ Sought out to prepare a project proposal for a well-known charitable foundation

(1) Direct Seeding in Reforestation – A Field Performance Review Steven C Grossnickle , Vladan Ivetic

The Technology

Flexible + Adaptive to location



Module

- Protects seedling from light/wind
- Maintain moist conditions to promote seed germination
- Proprietary treatments to increase germination
- Nutrient and pH regulated with a mycorrhizal mix
- Hygroscopic gel matrix allows for increased water storage
- Wildlife/insect deterrent available



Seeds

- Multiple seeds per module is possible
- Can be used with many tree species

How Does It Work?

Hygroscopic matrix provides ideal microenvironment for seed germination & seedling development



**The Treegro Module can be rapidly deployed bypassing the two-year lead time for nursery grown seedlings.
Reforestation can start sooner while also reducing the amount of site preparation required**

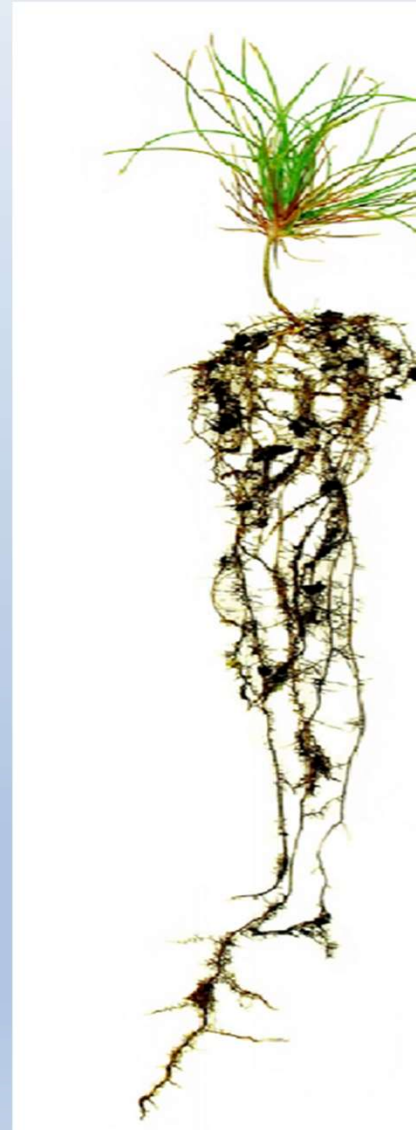
Global TreeGro Advantage

R&D geared toward developing seedlings with drought tolerance due to better root systems.



Nursery Seedling

- ✗ 0.7 – 1.3\$ replantation cost
- ✗ No aerial delivery method possible
- ✗ Transplant shock for up to 1 year
Up to 30% losses due to stress
- ✗ Costly transportation for refrigeration units and significant road infrastructures



TreeGro Seedling

- ✓ % saving - replantation cost
- ✓ Possible aerial delivery and manual planting
- ✓ Natural development in-situ from seed
- ✓ Reduces environmental stress resulting from transplanting
- ✓ Less site preparation and road infrastructure to transport

Root development at 6 months

Drought is forecasted – larger root structures will improve survivability

**Seed grown using the
Technology
Versus
Seed grown in topsoil**



The Team

Thomas Dalrymple *CEO & Director*

Served as CEO and COO for several private and public companies. Holds his CPA designation. Experience in accounting, risk management, mining, technology sectors

Jeremy Wong *Research Scientist*

Mr. Wong is the research scientist at Global TreeGro. He earned a Master of Science in Physiology from the University of Calgary, where he researched the genetics and physiology involved in oil sands phytoremediation. He is experienced in plant molecular genetics, having conducted a genetic screen using the model plant, *Arabidopsis thaliana*, as well as mutant characterization. He has also worked with a wide-variety of field-applicable species, such as willow and slender wheatgrass and is experienced in growing plants using hydroponics and aeroponics systems.

The Team continued

Science Team

Other members of the Science team are:

- A Registered Professional Forester who has a degree in Forest Engineering and a Master of Forestry degree with experience in silviculture, ecology and forest planning in tropical and temperate forests.
- A PHD – Forest Sciences and Biology Consultant who has worked in the natural science/forest field for over thirty years throughout the U.S. and Canada. Their work has involved ecological and physiological processes of plants in operational nurseries, ecosystem restoration projects and forested areas. They have a Doctor of Philosophy in Forest Sciences and Biology.
- Science Assistant with a Chemical Engineer degree.

Share Structure

Total Common Shares Issued

50,780,750

Composed of

Voluntary resale restrictions over a period of 24 months with releases starting 15 months after the date of Listing – Common Shares with no purchase warrants 30,962,500

Voluntary resale restrictions over a period of 25 months with releases starting 6 months after the date of Listing - Common Shares with no purchase warrants 4,862,500

Non restricted common shares issued PRE IPO - one Common Share includes one-half of one common share purchase warrant with each such warrant to purchase one additional Common Share at a price of \$0.25 per Common Share for a period of two years from the date of issuance of the warrants 14,955,750

Directors and Officers control +30% of the Total Common Shares Issued

Additional Disclaimer 1 of 3

Securities

Any securities referred to or with this Overview have not been, nor will they be, registered under the United States Securities Act of 1933, as amended, and may not be offered or sold within the United States or to, or for the account or benefit of, U.S. persons absent U.S. registration or an applicable exemption from the U.S. registration requirements.

Any such securities have not been approved or disapproved by the U.S. Securities and Exchange Commission or by any state securities commission or regulatory authority, nor has any Canadian securities commission or regulatory authority passed on the accuracy or adequacy of this Overview. Any review to the contrary is a criminal offense.

This Overview does not constitute an offer for sale of securities for sale, nor a solicitation for offers to buy any securities by any person in any jurisdiction in which it is unlawful for such person to make such an offering or solicitation.

Risk Statement

An investment in the securities described in this Overview or otherwise by the Company must be regarded as highly speculative due to the nature of the Company's business and its relatively early stage of development. Purchasers must rely on the ability, expertise, judgment, discretion, integrity and good faith of the management of the Company. The Company's securities are suitable only for purchasers who are able to accept the risks inherent in the Company's business. In addition, there are a number of other risk factors that should be considered by persons proposing to make an investment in any securities of the Company. Purchasers should consult their own professional advisors to assess the income tax, legal and other aspects of the investment. An investment in any securities of the Company is appropriate only for purchasers who have the capacity to absorb a loss of some or all of their investment.

Additional Disclaimer 2 of 3

Cautionary Note regarding Forward-looking Information

This Overview contains certain “forward-looking information” and “forward-looking statements” (collectively, “forward-looking information”) which are based upon the Company’s current internal expectations, estimates, projections, assumptions and beliefs. Such statements can be identified by the use of forward-looking terminology such as “expect”, “likely”, “may”, “will”, “should”, “intend”, or “anticipate”, “potential”, “proposed”, “estimate” and other similar words, including negative and grammatical variations thereof, or statements that certain events or conditions “may” or “will” happen, or by discussions of strategy. Forward-looking statements include estimates, Overviews, expectations, opinions, forecasts, projections, targets, guidance, or other statements that are not statements of fact. Such forward-looking statements are made as of the date of this Overview, or in the case of documents incorporated by reference herein, as of the date of each such document. Forward-looking statements in this Overview herein include, but are not limited to, statements with respect to:

- the performance of the Company’s business and operations;
- the intention to grow the business and operations of the Company;
- the intended expansion of the Company’s services;
- the competitive conditions of the industry;
- the applicable laws, regulations and any amendments thereof; and
- the competitive and business strategies of the Company.

Additional Disclaimer 3 of 3

These statements and information are only predictions based on current information and knowledge, some of which may be attributed to third party industry sources. Actual future events or results may differ materially. Undue reliance should not be placed on such forward-looking information, as there can be no assurance that the Overviews, intentions or expectations upon which they are based will occur. By its nature, forward-looking information involves numerous assumptions, known and unknown risks and uncertainties, both general and specific, that contribute to the possibility that the predictions, forecasts, projections and other forward-looking information will not be realized.

A number of factors could cause actual events, performance or results to differ materially from what is projected in forward-looking statements. The purpose of forward-looking statements is to provide the reader with a description of management's expectations, and such forward-looking statements may not be appropriate for any other purpose. You should not place undue reliance on forward-looking statements contained in this Overview or in any document incorporated by reference.

Although the Company believes that the expectations reflected in such forward-looking statements are reasonable, it can give no assurance that such expectations will prove to have been correct. The Company undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law. The forward-looking statements contained in this Overview are expressly qualified in their entirety by this cautionary statement.