NORTHSTAR
CLEAN TECHNOLOGIES

TSXV:ROOF

ABOUT US

Northstar Clean Technologies Inc. ("Northstar") (TSXV:ROOF) is a Vancouver-based **clean technology company focused on the recovery and repurposing of single-use asphalt shingles**. We recently completed a $12.24M financing and a subsequent listing onto the TSX Venture Exchange in July 2021. We are led by a team of experienced and successful industry professionals with significant strategic, commercial, operational and capital markets experience.

MISSION

Our mission is to be the leading shingle material recovery provider in North America, **extracting 99% of the recovered components from single-use asphalt shingles that would otherwise be sent to a landfill**. Our clean technology solution is expected to have a significant impact on the environment by reducing landfill usage, reducing the CO_2 impact of asphalt, fiber and aggregate production, and contributing to the "circular economy".

LEADERSHIP TEAM

Aidan Mills, C.Eng, MBA
CEO

James Currie, P.Eng
Executive Chairman

Gord Johnson
President, Director

Neil Currie
Director

James Borkowski, C.Dir
Director

Gregg J. Sedun, LLB
Director

Sead Hamzagic, CPA, CGA
Chief Financial Officer

Terry Charles
Chief Operating Officer

Jim Bird, P.Eng
Technical Advisor

Brian Storseth
Advisor

Carson Sedun, MBA
Director of Capital Markets

280 YEARS OF OPERATIONAL AND CAPITAL MARKETS EXPERIENCE

INVESTOR HIGHLIGHTS

- ✓ **Proven Clean Technology:** Environmentally-friendly processing solution for single-use asphalt shingles.
- ✓ **Proprietary Design Process:** Proprietary design process to recover the components of shingles.
- ✓ **Market Opportunity:** US$1.35 billion market in Canada alone with limited proven processing alternatives.[1]
- ✓ **Off-Take Agreement In Place:** Off-take agreement signed for 100% of liquid asphalt production.
- ✓ **Fully Constructed Facility:** Fully constructed Empower Facility (steady state production in Q1 2022).
- ✓ **Low Capex National Rollout:** Expansion opportunities throughout Canada and the USA.
- ✓ **Supportive Environment:** Current macro and political environment is supportive of circular economy options.
- ✓ **Strong Commercial Model:** Rising tipping fees and demand for high quality repurposed products
- ✓ **Five Stream Revenue Model:** Includes inputs (tipping fees), outputs (liquid asphalt, fiber, aggregate), and potential carbon credits.

OPPORTUNITY AND MARKET OVERVIEW

Limited Processing Solutions for Asphalt Shingles

84%
OF HOMES IN THE USA ARE ROOFED WITH ASPHALT SHINGLES ANNUALLY

12Mt
OF ASPHALT SHINGLES SENT TO LANDFILLS IN THE UNITED STATES ANNUALLY

Global Commitments to Net Zero Emissions

95%
OF S&P 500 COMPANIES PUBLISHING SUSTAINABILITY REPORTS [2]

100
COUNTRIES THAT HAVE PLEDGED TO REACH "NET ZERO" BY 2050

The Net Zero Asset Managers Initiative

US$43tn
OF ASSETS UNDER MANAGEMENT TARGETING NET ZERO EMISSIONS BY 2050

128
ASSET MANAGERS SIGNED ON SINCE DECEMBER 2020

(1) Source: Global Markets Insight 2020 Report (published in July 2021).
(2) Source: Centre for Audit Quality (CAQ), as at August 9, 2021.

OUR PROPRIETARY CLEAN TECHNOLOGY

Our **"Bitumen Extraction and Separation Technology" (BEST)** utilizes uses a proprietary process to separate the liquid asphalt, fiber and aggregate components. The process is patentable and we have met with patent attorneys to discuss the filing of a process patent.

Common everyday uses of our products include the following: roads, highways, driveways and parking lots; aircraft & defense manufacturing; boats and watercraft; shingle manufacturing; road construction; embankment construction.

EMPOWER FACILITY: DELTA, BC

DELIVERY OF STRATEGIC NEXT STEPS

Engineering Design Study

Selected engineering firm BBA to complete optimization study. Expect to design a more efficient optimally-designed and engineered facility that could be rolled out into all key market jurisdictions.

Market Analysis

Evaluating and conducting a target market analysis. Recently engaged with Wellington Dupont Public Affairs to support in potential non-dilutive funding opportunities for each target market.

CO_2 Footprint Assessment

Conducting environmental analysis to quantify the significant environmental advantage over virgin production of asphalt, fiber and aggregate. Evaluating possibilities for CO_2 credits to customers.

OUR PROPRIETARY PROCESS

POTENTIAL REVENUE STREAMS

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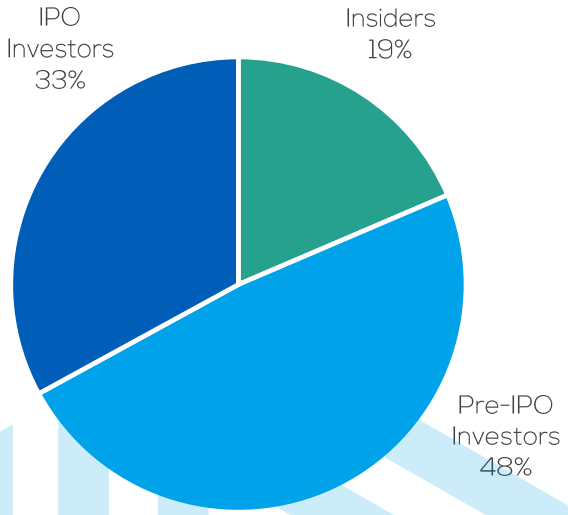
NEAR-TERM CATALYSTS

NORTHSTAR CLEAN TECHNOLOGIES

- **Q4 2021** — COMPLETE INDEPENDENT CO_2 FOOTPRINT ASSESSMENT
- **Q4 2021** — COMMENCE INDEPENDENT ENGINEERING DESIGN STUDY
- **Q1 2022** — STEADY STATE PRODUCTION AT EMPOWER FACILITY
- **Q1 2022** — COMPLETE INDEPENDENT ENGINEERING DESIGN STUDY
- **Q2 2022** — COMMERCIAL PRODUCTION AT EMPOWER FACILITY
- **H2 2022** — BEGIN CONSTRUCTION ON EXPANSION FACILITY 1

SHAREHOLDERS (BASIC)



CAPITAL STRUCTURE

Common Shares O/S (Basic)	106.1
Options (@ $0.35/sh)	5.4M
Warrants (@ $0.50/sh)	17.5M
Warrants (Broker)	2.0M
Warrants (Empower)	5.7M
Common Shares O/S (FD)	136.7M
Share Price (Oct 14, 2021)	C$0.38/sh
Market Capitalization (Basic)	C$40.3M
Market Capitalization (FD)	C$52.0M

Certain information in this presentation, including information about our expectations regarding commercial production, our ability to realize the near-term catalysts projected for 2021 through 2022 including our expansion opportunities in Canada and the USA, constitute "forward-looking statements". Forward looking statements are based on assumptions. While management believes these assumptions and statements are reasonable in context, forward-looking statements are inherently subject to political, legal, regulatory, business and economic risks and competitive uncertainties and contingencies. We caution readers that forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results and future performance to be materially different than those expected or estimated future results, performance or achievements and that forward-looking statements are not guarantees of future performance, results or achievements. Northstar assumes no obligation, except as may be required by law, to update or revise these forward-looking statements to reflect new events or circumstances. Risks, uncertainties and contingencies and other factors that might cause actual performance to differ from forward-looking statements include, but are not limited to, the early stage of our company's development, our history of operating losses and negative operating cash flow, risks arising from the continuing COVID-19 crisis, changes in the capital markets, our ability to form strategic relationships needed to establish and expand our business, competition from others with comparative or superior technology, and changes to legislative, political, social health and environmental and economic developments in general.

CONTACT US

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Transfer Agent	Computershare
Year End	December 31