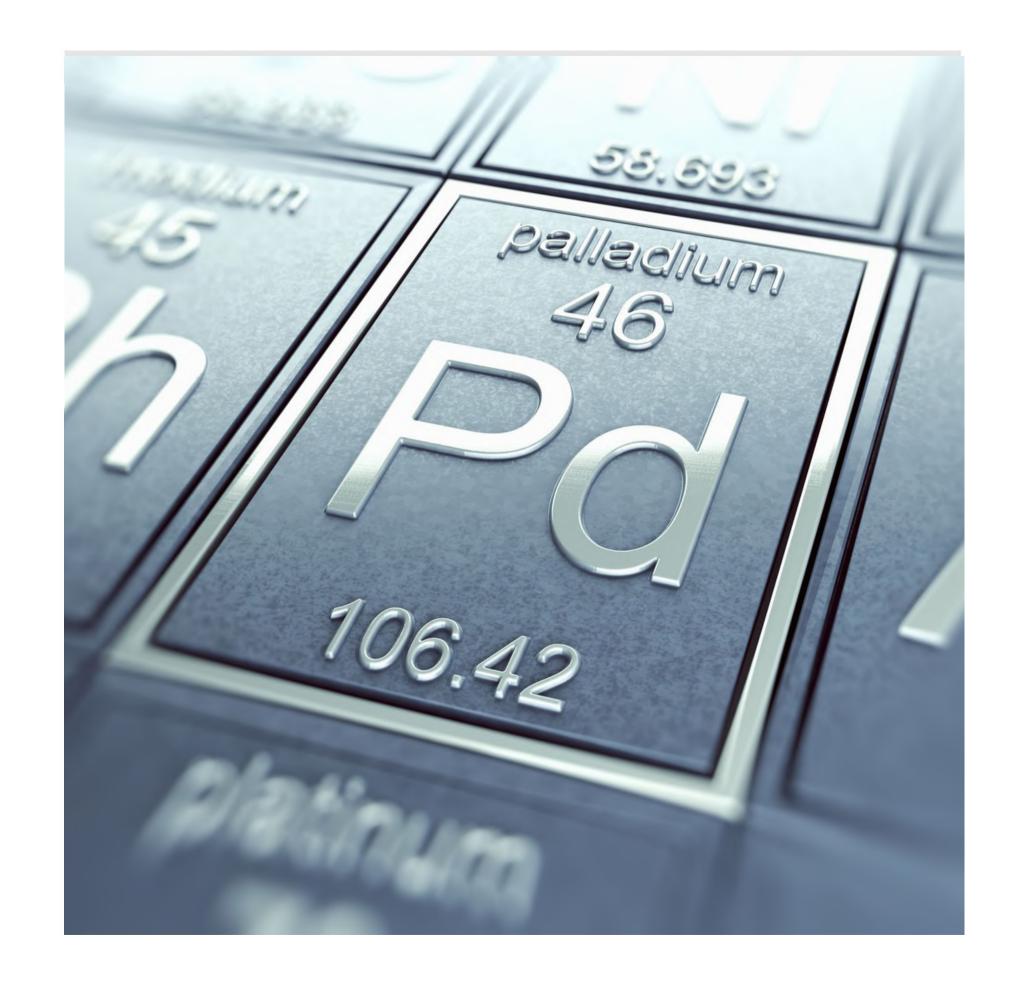


# The Future of Precious Metal Recovery.

Utilizing technology to recover precious metals from retired catalytic converters.

TSXV: RGX OTCQB: RGXTF FSE: YRS



# **Forward Looking Statements**

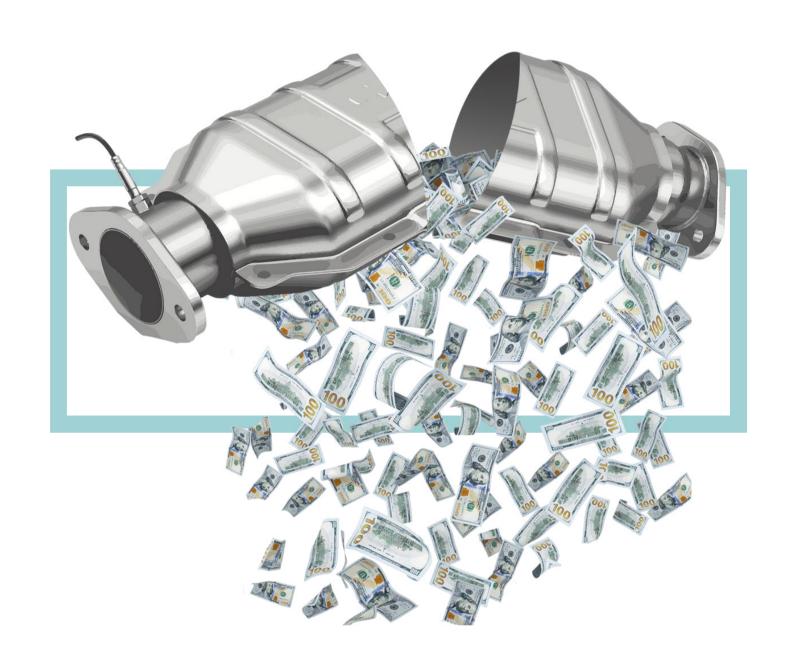
This Presentation contains "forward-looking information" and "forward looking statements" within the meaning of applicable Canadian and United States securities legislation. Statements contained herein that are not based on historical or current fact, including without limitation statements containing the words "anticipates," "believes," "may," "continues," "estimates," "expects," and "will" and words of similar import, constitute "forward-looking statements" within the meaning of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking information may include, but is not limited to, information with respect to our Research and Development activities, the accuracy of our capital and operating cost estimates; production and processing estimates; the results, the adequacy of Regenx financial resources and timing of development of ongoing research and development projects, costs and timing of future revenues or profits and adequacy of financial resources. Wherever possible, words such as "plans", "expects", "projects", "assumes", "budget", "strategy", "scheduled", "estimates", "forecasts", "anticipates", "believes", "intends", "targets" and similar expressions or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved, or the negative forms of any of these terms and similar expressions, have been used to identify forward-looking statements and information. Statements concerning future revenue or earnings estimates may also be deemed to constitute forward-looking information. Any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions or future events or performance are not statements of historical fact and may be forward-looking information. Forward-looking information is subject to a variety of known and unknown risks, uncertainties and other factors that could cause actual events or results to differ from those expressed or implied by the forward-looking information. Forward-looking information is based on the expectations and opinions of Regenx management on the date the statements are made. The assumptions used in the preparation of such statements, although considered reasonable at the time of preparation, may prove to be imprecise. We do not assume any obligation to update forward-looking information, whether as a result of new information, future events or otherwise, other than as required by applicable law. For the reasons set forth above, prospective investors should not place undue reliance on forward-looking information. The TSXV has not approved or disapproved of the information contained herein.



# **Executive Summary**

Entering into a high value market – catalytic converters (CC) contain billions worth of precious metals.

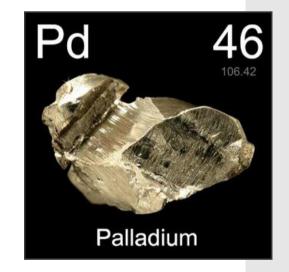
- Opportunity in a niche underserved market segment smelters the primary consumer of recycled CC don't want diesel CC
- Provide an environmentally friendlier alternative CleanTech
- Strong supply stream thru Davis partnership and low current recycled amounts
- Expansion potential increasing supply from Industrial and Heavy equipment
- Excellent economics plant returns and precious metal pricing



84% of the worlds supply of the precious metal Palladium (Pd) is used in catalytic converters.

2,110,000 oz of Palladium (Pd) was used in the production of catalytic converters in North America in 2021.

Source Johnson Matthey PGM Market Report









# Primary Market: Transportation

Three transportation industries using catalytic converters.





**Light Trucks** 



**Automotive** 

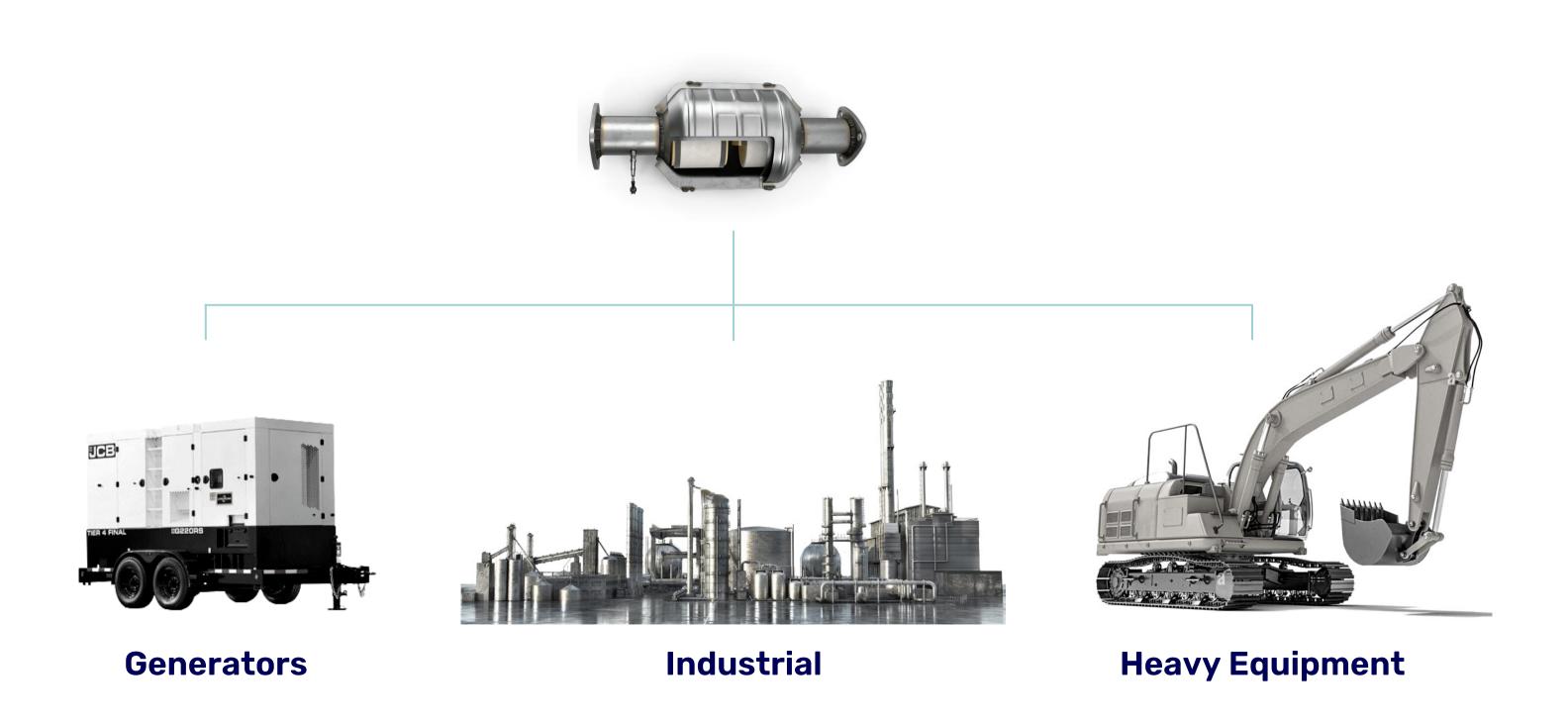


**Commercial Vehicles** 

# Secondary Market: Industrial

Three industrial industries using catalytic converters.









27 Million auto catalytic converters become available for scrap each year but only 30% of the palladium (Pd) is recovered.

This is a big opportunity in a large untapped market.



Smelting is the dominant commercial method to recover Palladium (Pd) and Platinum (Pt) from used catalytic converters.



The catalytic converter market continues to grow and is forecasted to reach USD 73.1 billion by 2025.



Smelters worldwide currently have limited capacity, and they are environmentally hazardous.

## regenx





The diesel catalytic converter market is expected to grow from USD 24.7 billion in 2017 to USD 39.3 billion in 2025.

A large supply of retired diesel catalytic converters is coming – sales of heavy trucks has been increasing since 2006 and the average recycle age is 10+ years.

Emission regulations require that all new non-road diesel engines, including stationary engines, sold since 2015 in the North American market require catalytic converters.



This is not a dying market even though electric vehicles are growing in popularity.

Electric vehicles will not replace non-road heavy equipment







# Regenx cleantech solution recovers over 90% of the precious metals from retired catalytic converters.

Regenx provides an alternative from environmentally harsh smelters to a safe and modern technology that is a more efficient way to recover the precious metals.





Input Materials

Core materials are separated from the metal containers and ground to fine powder

Extraction

Pt and Pd are extracted from the ground materials into solution through chemical processes

Recovery

Pt and Pd are recovered as a concentrate from the solution utilizing precipitation such as electrowinning

4 Refining

The concentrate is sent to a refinery for upgrading and sale



### Commercial Plant Economics

Plant builds are constructed in modular stages with each module having 2.5 tonnes of capacity.



\*Projected to process 10 tonnes per day (3,120 tonnes annually).



Projected CAPEX payback less than a year.

# Carbon Credits would become a secondary revenue source

- The Company is currently investigating the requirements involved in obtaining recognition of the corporate Carbon Credits created.
- The process used by Regenx emits less CO2 into the atmosphere and is less energy intensive when compared to traditional mining and recycling by smelters.
- This reduced carbon footprint would allow for Regenx to accrue Carbon Credits





# Davis Recycling Partnership

Leading Catalytic Converter Recycler on the U.S. Eastern Seaboard.

Davis Recycling Inc. is located in Johnson City Tennessee

Signed joint operating agreement in June 2021 – finalized a working arrangement that has been in place since 2019.

Secures the supply of Diesel Converters for additional future expansion.

Over 20 years in business and serving 13 States.



# Development Milestones



#### Lab Research

#### 2020

Achieved successful results in the lab setting.

Performed hundreds of tests to provide baseline parameters.

#### Pilot Plant

#### 2021

Fabricated 100L pilot plant.

Pilot plant allows for process testing to confirm baseline parameters can be replicated at scale.

Will allow for additional testing to improve recovery performance

#### **Commercial Plant**

#### 2022

Commenced construction of module one of the commercial plant

#### **Expansion**

#### **Future**

Ability to expand processing capability at the initial location

Build and operate multiple plants throughout North America







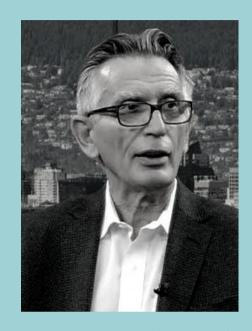




## **Independent Directors**

- Darcy Thiele P.Eng., MBA
   Co-founder and principal of Pressure Solutions Inc.
- Curtis Sparrow BSc, P.Eng, MBA
   Extensive experience in consulting across a broad base of industries
- Harvey Granatier Chairman of Audit Committee
   Previously CEO of Conexus Credit Union, the largest Credit Union in Saskatchewan

# Key Management



**Greg Pendura (Director)**CEO



Don Weatherbee
President



Rick Purdy (Director)
President Regenx USA



Emily Richardson
CFO



**Fabricio Maia**Director of R&D





#### Shareholder inquiries:

Regenx Tech Corp.

TSX.V: RGX OTCQB: RGXTF FSE: YRS regenx.tech

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