

# ZERO

## CARBON TECHNOLOGIES

ZERO CARBON INC.

JULIEN UHLIG, CEO

E-MAIL: IR@EXVENTURE.CO

WWW.EXVENTURE.CO

### BREAKTHROUGH TECHNOLOGY FOR CARBON NEGATIVE WASTE TO ENERGY CONVERSION WITH ADVANCED FUEL CELL TECHNOLOGY – DOUBLING ELECTRIC EFFICIENCY

STAGE  
INDUSTRY  
EMPLOYEES  
INVESTMENT OPPORTUNITY

SEED  
CLEAN TECHNOLOGY  
14 (GROUP LEVEL)  
USD \$1.07MILLION / CONVERTIBLE NOTE

#### SUMMARY:

ZERO CARBON a Florida-based company is bringing the smallest, ultra-low emission waste to energy converter to global markets with is twice as efficient as a combustion engine and ten times more efficient than a small steam turbine. The system is easily mass-produced, cost-effective, and easy to operate, converting unparalleled fuel flexibility from biowaste, ocean plastic to sewage sludge. We are looking to build a billion-dollar company that combines impact with profitability.

#### CURRENT MARKET:

ZERO CARBON develops mobile, low-emission systems that use high temperatures to convert waste to energy through an innovative Solide Odixe Fuel Cell. The patent-pending technology development has received over EUR 5 million from the German Government Funding. Germany's Technical University has validated it in Zittau as part of a Ministry of Economics-funded test program.

The technology opens a 400 BIL. USD global waste/biomass and sewage sludge treatment market have been ready for disruption. The system state-of-the-art fuel cell technology for energy generation; the system has the smallest footprint yet bears over 50% of electric efficiency, which is twice as high as a combustion engine and ten times higher than a small-scale steam turbine.

#### THE TECHNOLOGY:

The EX team has been developing a high-temperature gasification system for over 15 years. The proprietary system has been designed from the beginning to be remotely managed, easily operated, and optimized for large-scale production numbers. The team's first breakthrough occurred in 2015 when the team was honored to have built the E3 power system using high-quality wood pellets. The German Ministry of Economics awarded the system with a "Best of German Technology" at the Hannover Trade Fair. The team delivered over 200 power systems for wood pellets to eleven countries.

The German MFC GmbH is a subsidiary of Zero Carbon Inc., which was founded by the former management team of Arensis Inc. and Entrade AG. Both companies will push the limits of technology even further. Their goal was to convert real-world waste streams, which would require multiple technical breakthroughs. The machines are movable to adapt to rural areas. A new patent filing has been made for various components, making it possible to effectively remove minerals that tend to meld and agglomerate within the gasification process that involves a high temperature.

Further developments were needed in the burner as well as dryer development. We are building a skill set that is customizable based on the waste streams provided. Zero Carbon is also working with Kraftwerk Group and the renowned Fraunhofer Institute IKTS on innovative SOFC Technology for power generation.

#### THE OPPORTUNITY:

ZERO CARBON offers a rare technology breakthrough that has market opportunities on a global level. The technology converts carbon-based waste streams into a clean, natural gas replacement. It will solve few environmental issues, for instance, landfill reduction in the Western world, regulation of organic and inorganic waste, elimination of ocean plastic, and sewage sludge management. Zero Carbon has been funded since 2018 by private investors, as well as multiple government programs. Current Funding includes over 5 Mil. USD from the German Government supporting the ongoing development. This offering is the first opportunity for investors to buy into this promising company at a steep capital.

#### THE TEAM:

##### Julien Uhlig, CEO

Fifteen years of industry experience has built over 200 power systems, managed and consulted on over 50 Government Projects, and has raised and consolidated over 150 Mil. USD throughout his career.

##### Michael Hofmeister, CTO

Has been awarded multiple patents and served as CTO for Entrade and Lead Engineer on the Development of the Heat Pipe Reformer for Green Hydrogen at agnion Technologies. 15 years of experience.

##### JAN VON ROSENSTIEL, ADVISOR AND INVESTOR

Recently joined the team from heading a business for Bosch in China. Over 15 Years of Global Experience with strong operational skills.

#### THE OFFER:

Zero Carbon is raising \$1.07M Mil. USD on a convertible note basis for working capital to introduce the groundbreaking technology to global. Since the German Government covers most research and development costs for the following years, these funds can be used to grow a portfolio and start selling products and services while executing on existing LOI. We are looking forward to working with you to solve the global waste pandemic.

#### THE SOLUTION- ZERO CARBON X5



#### GLOBAL MARKETS

##### GLOBAL WASTE TO ENERGY MARKET

USD 55 billion by 2027  
(ResearchAndMarkets)

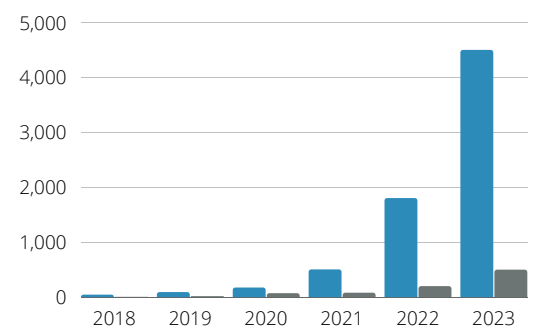
##### BIOMASS ENERGY REVENUE FORECAST

USD 98 billion BY 2027  
(GRANDVIEW RESEARCH)

##### WASTE WATER TREATMENT FORECAST

USD 240 billion by 2027  
(www.meticulousresearch.com)

#### CURRENT AND PROJECTED REVENUE



\*These are forward looking projections and are not guaranteed