Subject: Support and Enthusiasm for Sustain You's Proposal to the California CPRGS Program

Dear Miss/Mr. ,

I trust this message finds you well. I am writing on behalf of Sustain You to express our admiration and enthusiastic support for Sustain You's comprehensive and innovative proposal submitted to the California Climate Pollution Reduction Grants (CPR5GS) program.

Our commitment to revolutionizing zero waste management, as outlined in our proposal, showcases an exceptional dedication to addressing critical environmental challenges. We particularly commend the following key aspects: Innovative Approaches Turning Scraps into Valuable Assets.

Innovative Approach to Waste Reduction: Sustain You's forward-thinking approach to rapidly reducing waste in the industrial manufacturing sector is commendable. The incorporation of state-of-the-art machinery and efficient supply chain practices demonstrates a robust waste collection and transformation system.

Collaborative Expertise: our commitment to collaborative efforts with the Lawrence Berkeley National Laboratory and the Larta Institute in Los Angeles reflects a depth of expertise and support crucial for the successful implementation of the proposed program.

Market Competitiveness and Swift Development: Sustain You's proactive approach in seeking skilled professionals in machine engineering and construction, along with the emphasis on market-competitive solutions and expedited development, aligns with the urgency required to address environmental challenges effectively.

Utilization of Industrial and Agricultural Waste in Specific Communities: We appreciate the focus on addressing the needs of communities, such as Fresno and the Central Valley regions, by utilizing significant amounts of industrial and agricultural waste. This not only contributes to waste reduction but also aligns with the principles of a circular economy.

Comprehensive Nutrient Blend in End Products: The incorporation of diverse ingredients in end products like organic fertilizer, extruded animal feed, and animal meal ensures a comprehensive nutrient blend with diverse applications. Key Equipment Components and Principles: Our organic waste conversion system incorporates a meticulous fermentation process with temperature-controlled stages, including low temperature, high temperature, and cooling. This ensures the effective breakdown of organic waste and the safe composting of materials. To address odors, our approach employs diverse microbial strains targeting compounds such as H2S and NH3, ensuring compliance with emission standards and minimizing unpleasant odors associated with waste processing.

Principles and Fermentation Process: At the heart of our methodology is a process that

optimally harnesses rice water, wheat bran, milk, and sugar residue to cultivate potent microorganisms. These microorganisms play a vital role in producing both liquid and organic fertilizers enriched with valuable nutritional components. To scale up production sustainably, we propose the collection of daily rice wastewater from alcohol and breweries, daily milk wastewater from dairy factories, and sugar residue waste from sugarcane factories. This not only enhances the overall sustainability of our approach but also acts as a catalyst in waste conversion. Within our waste management system, a synergistic combination of high-efficiency deodorizing microbial strains, including photosynthetic bacteria, lactic acid bacteria, yeast, actinomycetes, and core strains like Thiobacillus, Azotobacter, Bacillus subtilis, and Bacillus licheniformis, works collaboratively. This integration not only accelerates the conversion process but also minimizes odorous compounds, ensuring a more pleasant and environmentally friendly waste processing experience.

Scalability and Flexibility of Animal Feed Products: The proposed capabilities ranging from 10 to 2000 tons per hour showcase scalability and flexibility, catering to diverse regional needs, such as Fresno and the center Valley regions. This adaptability is essential for the widespread implementation of such initiatives.

Compostable Technology and Waste Conversion: The introduction of compostable technology with a 90% waste conversion rate within 20-24 hours, along with the focus on principles, fermentation processes, and diverse microbial strains, enhances the credibility of the program. Such as: food waste and organic waste from San Francisco, and Los Angeles city landfills. which the proposed capabilities ranging from 10 to 2000 tons per Day showcase scalability and flexibility,

Sustainable Agriculture: Our dedication to sustainable agriculture transcends waste conversion. The production of nutrient-enriched animal feed and organic fertilizers actively supports environmentally friendly farming practices. By providing alternative, high-quality inputs for agriculture, we contribute to the development of a sustainable vertical farming cultivation and breeding industry, revitalizing degraded and polluted soil, water, and oc Sustain You's commitment to sustainable agriculture practices, including nutrient-enriched animal feed and organic fertilizers for vertical farming, demonstrates a holistic approach to environmental responsibility beyond waste conversion.

In conclusion, we find Sustain You's proposal to be a commendable effort in contributing to the EPA's objectives and addressing critical environmental challenges. We are eager to explore potential collaboration opportunities and support the successful implementation of this innovative program. Thank you for your dedication to making a positive impact on our environment, and we look forward to the possibility of working together.

Sincerely,

Sheng Su

The CEO Sustain You

1704 Devonshire Dr Benicia, CA, 94510
Susheng2009@gmail.com
510-925-6281