



# Clean Heat Accelerator Presentation

August 2024



*Leading the green chemical revolution*

## OUR PURPOSE

We're helping to drive the transition to a Net Zero, Nature Positive world, by reducing our reliance on fossil fuels.

## OUR MISSION

We will re-establish, at a global scale, the Acetone-Butanol-Ethanol (ABE) fermentation process to transform locally sourced, low-value byproducts, residues and waste into high-value green chemicals used in everyday items.



# ORIGINAL PROPOSITION



# GREEN CHEMICALS – SOLUTION

High value chemicals used in everyday items – PREDOMINANT source is fossil fuel.

Consumers/Industrials seeking GREEN CHEMICALS alternative.

Global markets for ACETONE AND BUTANOL = US\$21Bn growing to US\$30Bn by 2030.

Immediate addressable market = over US\$2Bn.



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# BY-PRODUCTS & WASTES – SOLUTION

Low-value by-products, residues and waste – billions of tonnes globally with commercial & environmental cost of disposal. Environmental Protections Agencies legislating for better disposal processes. Celtic Renewables process offers:

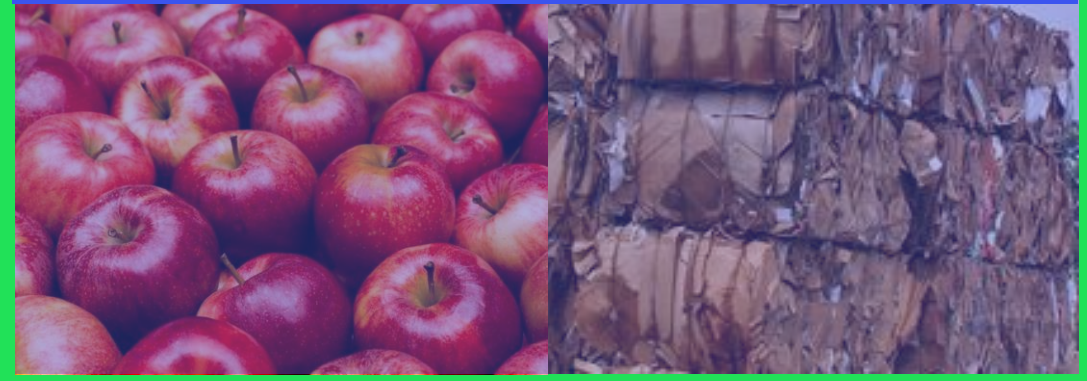
## GREATER VALUE EXTRACTION & TOTAL DISPOSAL SOLUTION



INITIAL FEEDSTOCK FOCUS



FUTURE FEEDSTOCK OPPORTUNITIES



# PARTNERSHIP APPROACH BY SEGMENT

**DIAGEO**

**KERRY**  
FOODS

 **mitsubishi**  
**CHEMICAL**

**MERCK**

  
Pernod Ricard

  
**SAICA**

**TECOSOL**<sup>®</sup>  
liquid organic energy

 **VEOLIA**

 **grissan**  
RENEWABLE ENERGY  
WORK SAFE HOME SAFE

**wood.**

  
**praj**

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