



# **Plant Vitality Accelerator Program**

**2025 PARTICIPANT PROFILE**

**RENUTRIENTS**



# ReNutrients



Cost-effective, certified organic input micronutrient fertiliser from reclaimed mineral resources



## The Fertiliser Problem

### **Volatile global pricing**

of key micronutrients (zinc, manganese, copper, sulfur, nitrogen)

### **Limited availability**

of certified organic input fertiliser

### **Heavy reliance on imports**

Leading to geopolitical risk and supply chain disruption

### **Growing requirement of micronutrients**

Projections show a need of an addition 15kt Zinc, above current use into the next decade



## Solution

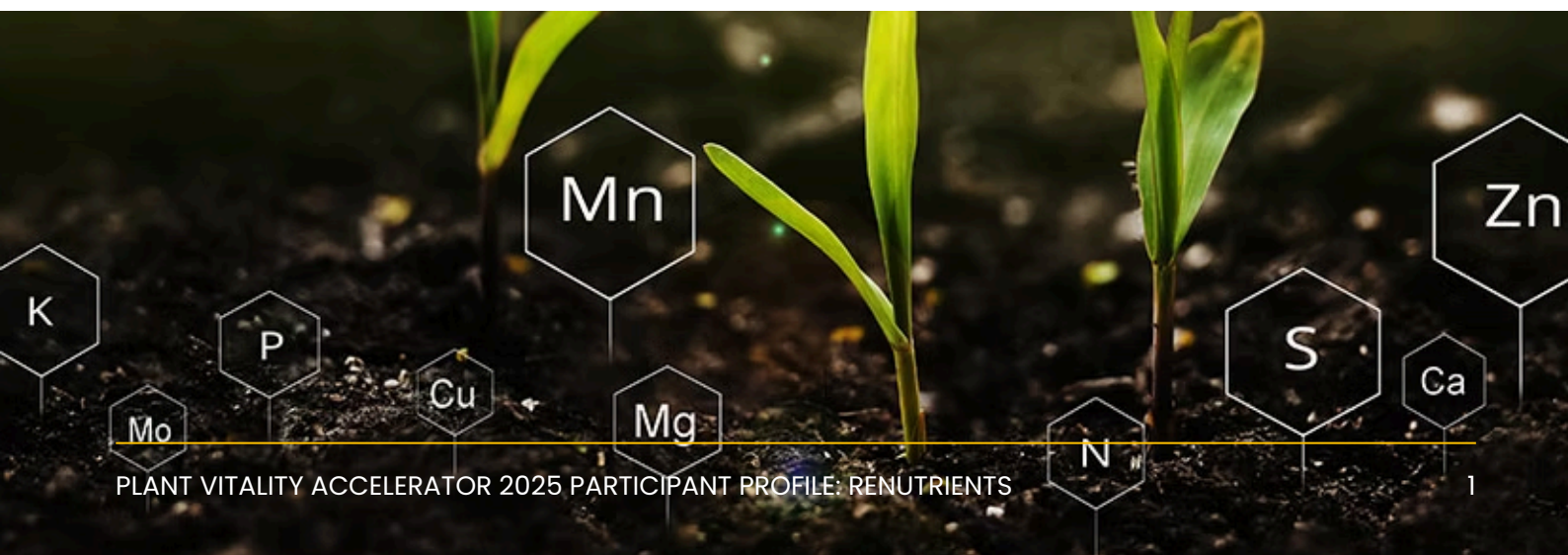
ReNutrients produces organic-compliant fertiliser inputs by recovering zinc, manganese, copper, sulphur, and nitrogen from recycled battery waste and other waste streams

### **Certified organic and regenerative agriculture**

### **Reduction in reliance on virgin mining**

### **Aligned to Australian agronomy**

### **Plans to develop regional manufacturing**





## Benefits

### **Certified micronutrients**

with guaranteed quality and performance

### **Price stable**

Reduces exposure to price fluctuations and supply disruption; budgeting risk mitigated

### **Sustainable, low-emissions solution**

Supports sustainability efforts on-farm

### **Plans for Australian manufacturing**

Building Australia's sovereign supply capacity for nutrient inputs



## Markets

- Broadacre and horticulture producers
- Organic and regenerative growers
- Producers with carbon reporting requirements



## Validation

- Based on proven, patented mineral recovery technology
- Designed to meet Australian organic certification standards
- Pilot programs launching in Queensland, scaling nationally
- Strong interest from industry leaders and sustainability-focused growers




## About the Founder, Brett Smuts

Brett Smuts is the founder and Managing Director of ReNutrients Pty Ltd, driving sustainable fertilizer solutions in Australia. With global tech experience, including leadership roles at Sunfx Textiles and Desert Control, he brings deep expertise in scaling innovative technologies.

Through ReNutrients, Brett is introducing circular economy solutions like Tracegrow's ZM-Grow™, made from reclaimed mineral resources, to support local manufacturing and reduce environmental impact.

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