



# ENHANCED ROCK WEATHERING

**Enhanced rock weathering: Rejuvenating agricultural soils to enhance productivity, resilience and carbon sequestration**



## PROJECT AIM

To determine the effects of applying crushed basalt on CO<sub>2</sub> capture, crop production and soil health



## WHAT IS ENHANCED ROCK WEATHERING?

Enhanced weathering speeds up the natural process of rock breakdown by crushing it and applying to agricultural topsoil



## BENEFITS

- Supply essential nutrients
- Neutralise soil acidity
- Improve water and nutrient use efficiency
- Capture carbon



**This project focuses on scaling up the use of basalt to rejuvenate depleted, infertile agricultural soils across Australia.**

**On-farm trials will evaluate the logistics, costs, and benefits of using locally sourced, high-quality basalt in various agricultural systems of eastern Australia.**

