



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 CO₂ 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 used 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.

