

\$213,400
Total project cost



\$160,000
CF-LRP funding



\$53,400
co-contribution



83,100
Projected ACCUs

Wellwood Farm Soil Carbon Project

Stephen Barrett

Location	Katanning, WA	 <p>Agricultural Productivity</p>	 <p>Soil Health</p>
Project area	2,000 ha		
Property size	3,250 ha		
Permanence period	25 years		

Aims

The Wellwood Farm Soil Carbon Project will improve soil biological function and increase soil organic carbon across the 2,000 ha project area. The mixed cropping and livestock operation will use pasture rejuvenation and management of grazing to boost agricultural resilience in a changing climate.



Above (L-R): View across Wellwood Farm, a mixed cropping and livestock property in the Wheatbelt

Activities

- The project will increase organic carbon by rejuvenating pasture through seeding, cover crops and use of legume species in cropping and pasture systems.
- The activities will improve soil structure, water retention, year-round ground cover, and pasture improvements.
- Soil organic carbon is maintained and built by applying the 5 principles of soil health; species diversity, minimised tillage, protection from erosion, eliminating biocides, and incorporating animals in the system via managed grazing.
- Implement holistic pasture management with strip grazing methodology, prioritising sheep grazing while continuing rotational cropping activities.
- Use of a disc-seeding system to minimise soil disturbance while introducing a greater number and variety of pasture species.
- Establish permanent ground cover and deep-rooted plants to improve water retention, permeability and rainfall efficiency.
- Comprehensive monitoring and reporting to track the effect of land management and seasonal conditions on production levels and soil organic carbon which will guide ongoing regenerative farming decisions.
- Data collected will add to the understanding of soil carbon in Western Australian soils.