



# Carbon Farming and Land Restoration Program

The Western Australian Government's \$15 million Carbon Farming and Land Restoration Program (CF-LRP) aims to realise agriculture's potential to sequester carbon in the landscape, generate carbon credits and grow the State's carbon farming industry. Projects selected will deliver carbon sequestration and environmental, economic, and social co-benefits, and contribute to the long-term sustainability of the farming industry.

## Round 1 Successful Projects

The Rural Business Development Corporation has entered Agreements for Financial Assistance with 6 ACCU Plus project proponents providing over \$1.64 million in funding. The ACCU Plus projects span 5,807 hectares and expect to remove approximately 406,000 tonnes of carbon dioxide over the next 25 years.

Recipient	Project	Region	Funding
<b>Announced 13 January 2022</b>			
The Trustee for the Weelhamby Unit Trust	<p>This project aims to demonstrate that carbon farming can complement traditional agricultural activities, combining soil and vegetation carbon methods.</p> <p><b>Weelhamby Farm Biodiversity Project</b> 250ha of new biodiverse plantings will create extensive wildlife corridors and stock shelter areas as well as carbon sequestration. The project will employ Traditional Owners to work on the project and support On Country cultural activities.</p>	Mid West	\$393,100
	<p><b>Weelhamby Farm Carbon Project</b> Adopting new management practices that address past land management practices that reduced soil carbon, biodiversity and health. These include a 3-year pasture to one-year cropping rotation, with pulse</p>		\$345,500

	grazing of pastures by sheep. These practices will increase soil microbial and fungal activity, minimise water run-off, reduce loss of topsoil and boost soil carbon levels over 2,500 hectares.		
Native Carbon 2 Pty Ltd	<b>Boorokup Restoration Project</b> Direct seeding and hand planting will link remnant vegetation along the Gordon River to establish complex habitats. The restoration of this degraded farm land will sequester carbon, tackle salinity, address waterlogging issues, and provide training, employment and business opportunities for the Traditional Owners.	Great Southern	\$540,000
Nannup Truffle Farm	<b>Nannup Truffle Farm Carbon Sequestration Project</b> Planting 10,500 local native species and boosting soil carbon by improving historical land management practices, addressing eutrophication (excessive nutrients) of on-farm water sources, and conducting water-quality analysis to quantify the positive benefit of revegetation activities on horticultural productivity.	South West	\$50,000
<b>Announced 3 June 2022</b>			
David and Marnie Mackie	<b>Undanooka Soil Carbon Project</b> Exploring new legume and pasture systems with serradella legume species, a mix of canola and lupins, and a clover sub-story crop will increase nitrogen fixation, root biomass and soil carbon to improve overall soil health and agricultural productivity.	Wheatbelt	\$155,000
Stephen Barrett (KJ Barrett & LM Barrett & SJ Barrett)	<b>Wellwood Farm Carbon Project</b> Implementing year-round rotational grazing and cropping practices will balance stock numbers against optimum ground cover. The application of trace elements and liquid calcium will optimise soil carbon at depth.	Great Southern	\$160,000

## Round 2 Successful Projects

The Rural Business Development Corporation has offered financial assistance for 10 projects totalling over \$2.15 million. The recipients are undertaking new or materially different carbon sequestration practices which include soil amelioration using clay, compost and manure, deep ripping, and applications of synthetic calcium to encourage long-term deep root development; mixed species legume fodder crops; revegetation with local (endemic) tree species; pasture rejuvenation, and cell grazing.

The projects span a total of 8,333 hectares and expect to remove approximately 423,000 tonnes of carbon dioxide from the atmosphere over 25 years.

Six of the 8 successful applicants were recipients from Round 1 of the Carbon for Farmers Vouchers Program which allowed them to engage professional advisory services which supported their applications to the CF-LRP Round 2.

Recipient	Project	Region	Funding
<b>Announced 25 July 2023</b>			
Trustee for the Grey Family Farming Trust	<b>GFB Grazing Soil Carbon</b> The Grey family will leverage CF-LRP co-investment to sequester carbon at depth – where it will become more secure and stable – and increase soil organic matter by extending grazing rest periods on tagasaste and pastures. The funds will assist the family to lease land and install water points to increase stocking rates and grazing intensity of their cattle, without risking soil erosion, and plant sub-tropical perennial plants, multi-species shelter belts and cover crops.	Wheatbelt	\$166,901
Hacienda De Trigo	<b>Hacienda De Trigo Endemic Vegetation and Soil Carbon</b> The project combines a soil carbon project over 1307 hectares and a reforestation by environment plantings over 200 hectares on the Recipient's property 8 km northwest of Corrigin. The vegetation project focuses on land restoration by planting mixed, endemic species to increase biodiversity. The soil carbon project focuses on improving soil health through practises which also aim to increase soil carbon sequestration. New practises include very deep ripping, ameliorating soil with clay, compost and manure, and introducing mixed legume species fodder crops.	Wheatbelt	\$140,000
Lemonade Valley Pty Ltd	<b>Lemonade Valley Biodiversity Project</b> The project aims to restore an area of low productivity farmland and create conservation assets through biodiverse plantings over 200ha. This will provide habitat for local fauna and support agricultural productivity and honey production.	Wheatbelt	\$397,950
A. L. Ruse	<b>Red Gully Farm Soil and Vegetation Carbon Project</b> The project will improve ecological outcomes by increasing biodiversity and stimulating nutrient transfer across the site and prove the value of biodiversity to the productivity of agricultural land. This will be achieved by implementing strategic grazing management to increase soil organic carbon and establish vegetation belts to increase biodiversity and reduce soil erosion.	Wheatbelt	\$150,000

Wide Open Agriculture	<p><b>Dirty Clean Food Regenerative Farmer Tree Project</b></p> <p>The Wide Open Agriculture project will use the project's carbon offsets to certify carbon neutral produce. It has identified small parcels of land across a diverse portfolio of farms in the south west land division. This 200 hectare aggregated environmental planting project is across five properties totalling 7,546 hectares.</p>	Wheatbelt / Great Southern	\$174,533
Native Carbon 3 Pty Ltd	<p><b>Tambellup Noongar Farm Carbon Restoration Project</b></p> <p>This project will deliver ecological restoration of 130 hectares of degraded farmland located directly adjacent to the Gordon River to mitigate salinity and capture carbon. This is a best practice demonstration of how carbon farming can benefit the Aboriginal community in Western Australia. The project will undertake a Cultural Heritage Survey on the area and employ and provide ranger training for members of the Tambellup Aboriginal Community to undertake restoration and management works.</p>	Great Southern	\$607,750
Trustee for the Vermac Trust	<p><b>Wandoo Springs Soil Carbon Project</b></p> <p>The project aims to demonstrate how a Holistic Grazing Management approach can lead to improved soil health and better agricultural productivity. It will show that adopting a more intensive grazing system with smaller paddocks, will lead to improved pasture production and enhanced soil health, and reduce farm input costs. The soil carbon project will take place over 762 hectares.</p>	South West	\$172,000
Hayes – Thompson	<p><b>Daraining Springs Soil Carbon Project</b></p> <p>The project will see 438 hectares of marginal cropping land converted to permanent pasture and control grazed. The project will measure changes in soil nutrients and soil biology, and the number of sheep per grazed hectare, live weight of lambs and lambing percentage. Funds will help establish cell grazing and permanent pastures treated with synthetic calcium to aid deep root development, mitigating soil erosion and creating stable soil carbon at depth.</p>	Wheatbelt	\$348,140



## Future Carbon Projects

The Program's Future Carbon initiative supports on-ground research projects examining carbon sequestration methods to enhance the understanding of activities that capture carbon and lead to the wide-scale adoption of carbon farming practices in Western Australia. The Department of Primary Industries and Regional Development has Financial Assistance Agreements with 4 Future Carbon projects proponents, totalling over \$1.6 million.

Recipient	Project	Region	Funding
<b>Announced 13 January 2022</b>			
Wheatbelt Natural Resource Management Inc	<b>Assessing the potential of Saltbush to Sequester Carbon in the South West</b> Assessing the viability of saltbush to sequester carbon and provide data to support the development of a new carbon farming methodology.	Wheatbelt	\$616,264
Wilson Inlet Catchment Committee Inc	<b>Green waste to net zero</b> This feasibility study aims to determine the viability of converting the Shire of Denmark's green waste and compostable municipal solid waste to biochar that will benefit agricultural production and soil carbon levels.	Great Southern	\$52,914
CRC for High Performance Soils	<b>Using living plant systems and modern farming methods to sequester soil organic carbon, reduce greenhouse gas emissions and improve soil fertility</b> Measuring and demonstrating crop sequencing and new technologies that sequester organic carbon, mitigate greenhouse gas emissions, and improve soil fertility in crop production systems that have traditionally struggled to accumulate soil organic carbon.	Multiple sites across the Wheatbelt	\$600,000
The University of Western Australia	<b>Grazing into the future for soil carbon sequestration and building soil health with pasture biodiversity management</b> Investigating and documenting the potential to combine perennial and annual pastures in the medium to low rainfall zone to increase soil carbon sequestration, with co-benefits of improved soil health, increased soil biodiversity, and climate resilience. Practices are being augmented using soil biological amendments and cell grazing.	Wheatbelt	\$371,634

### Important Disclaimer

The Chief Executive Officer of the Department of Primary Industries and Regional Development and the State of Western Australia accept no liability whatsoever by reason of negligence or otherwise arising from the use or release of this information or any part of it.

Copyright © State of Western Australia (Department of Primary Industries and Regional Development), 2023.