

BIODIVERSE REFORESTATION CARBON OFFSETS

IN THE YARRA YARRA BIODIVERSITY CORRIDOR
AND OTHER REGIONS IN THE SOUTHWEST AUSTRALIAN ECO REGION


carbonneutral[®]
Turn Emissions into Trees[®]

Biodiverse Reforestation Carbon Offsets remove CO₂ from the atmosphere every day.

This project also helps to restore an environment. It enhances our shared natural capital with habitat restoration and land conservation and brings a range of social and economic benefits.

Carbon Neutral's main project planting area is in the *Yarra Yarra Biodiversity Corridor*, located in the northern wheatbelt of Southwestern Australia.

The region has an exceptionally high number of plant and animal species found nowhere else in the world. It has been identified as one of 36 global biodiversity hotspots for wildlife and plants, and the first to be recognised in Australia.

The *Yarra Yarra Biodiversity Corridor* was once an area of vibrant woodlands, but since the arrival of Europeans settlers in the early twentieth century, approximately 97% of the vegetation has been cleared for traditional farming practices.

Now, due to problem soils and a drying climate, parts of the landscape are not suitable for traditional agriculture. The loss of habitat has also caused native species to be under threat of extinction.

Planting trees is part of a much larger vision. Our goal is to connect the remaining vegetation with nature reserves to create a green corridor that will play a vital role in restoring ecosystems and preserve unique and threatened flora and fauna in the region.



Carbon Neutral assists organisations to measure, reduce and offset carbon emissions.

We are Australia's leading biodiverse reforestation 'carbon sink' developer.

To date, over 30 million mixed native species trees, plants and shrubs have been planted in the *Yarra Yarra Biodiversity Corridor*.

The corridor has now restored over 18,000 ha of rural landscapes.



Call: 1300 851 211 | Email: contactus@carbonneutral.com.au | Visit carbonneutral.com.au

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DELIVERING FOR THE GLOBAL GOALS

Co-benefits of the *Yarra Yarra Biodiversity Corridor* project contribute to the United Nation's Sustainable Development Goals.

- Contribution to the positive mental health and well-being of indigenous communities.
- Provision of job-specific training sessions and inductions for local employees.
- Lowering salinity in both ground and surface waters over the project's life.
- Creation of 400+ jobs, over 50 indigenous roles and more than 80 businesses have been engaged.
- At least 967,695 tonnes of CO₂-e will be sequestered during the project's lifetime.
- The biodiverse plantings of native trees and shrubs contains over 30 species of conservation significance.
- Partnerships with 11 local and national organisations have been formed from the project.



Forests are key allies in combating climate change, as they absorb carbon, clean and cool the air, act as natural water pumps to sustain river flows, stabilise soils, recycle nutrients for agriculture and support habitats for wildlife.

TECHNICAL INFORMATION

AUDIT & MEASUREMENT

Carbon measurements and projections are independently verified by a qualified third party. This ensures that 1 carbon credit = 1 tonne carbon dioxide equivalents (CO₂-e).

The Biodiverse Reforestation Carbon Offset planting sites will, conservatively, sequester 120-380 tonnes of CO₂-e per hectare over 50 years, depending on location.

To project how much carbon the trees and shrubs we plant will sequester (over 50 years), Carbon Neutral uses the Australian Government's Full Carbon Accounting Model (FullCAM). This is based on a huge dataset and provides fully integrated projections of above and below ground sequestration for a carbon estimation area. This is in accordance with the Clean Energy Regulator's 'Reforestation by Environmental or Mallee Plantings Method'.

The Biodiverse Reforestation Carbon Offset projects are not registered under a formal certification framework.

CLAIMING CARBON NEUTRALITY

Carbon Neutral sells Biodiverse Reforestation Carbon Offsets before full sequestration is realised. As it may be some years before actual carbon is sequestered, Carbon Neutral independently retires an equivalent number of verified carbon credits from an international project. This ensures that buyers can claim carbon offsetting and carbon neutrality.

Reforestation activities require significant upfront investment to cover land acquisition and planting costs. By purchasing Biodiverse Reforestation Carbon Offsets, you are helping to finance this ongoing planting program. Buyers can proudly promote their support of an Australian ecosystem restoration project.

CARBON CREDIT REGISTRY

Unique serial numbers for Biodiverse Reforestation Carbon Offsets are issued to each buyer. All carbon credits sold are cancelled on an internal register to ensure there is no double-counting or double-selling. Our internal register is independently audited at least every five years.

LAND TENURE AND 'PERMANENCE'

All projects have a 100 year Carbon Right and Carbon Covenant registered on the land title. The Carbon Covenant details land and tree management obligations.

The carbon stored for the Biodiverse Reforestation Carbon Offset projects is 'locked up' for a period of 100 years as detailed in the Carbon Right and Carbon Covenant.

Livestock are mostly excluded from planting sites to avoid damage to trees and shrubs and allow natural generation in the inter-rows.

MITIGATING FIRE RISK

Fire control measures include fire breaks, geographic separation of planting sites, insurance and light grazing of sheep to reduce fuel load.

Native tree plantings are self-regenerating. If a fire or other disturbance occurs, causing a decline in the amount of carbon stored, re-growth will be managed to allow the carbon stock to return to previously reported values.

MONITORING & REPORTING

Each planting site is independently monitored and reported for health, survival and carbon pools at least twice in the first 5 years.

Planting Reports and Monitoring Reports are available on the Carbon Neutral website.

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