

# CARBON OFFSETS TREE PLANTING LAND RESTORATION



## Restore Australia's natural landscape

### About our charity

Carbon Neutral Charitable Fund (CNCF) specialises in planting native trees and vegetation on cleared and degraded land throughout Australia to generate carbon offsets/credits and protect the local environment. Since its beginning in 2001 CNCF has planted over 5.4 million trees in Australia.

### About our Trees

We plant a variety local native species of trees and shrubs

#### Trees Help To...

-  Store carbon dioxide
-  Reduce soil erosion
-  Combat salinity
-  Provide habitat for our native plant and animal species
-  Protect the local ecosystems and biodiversity

### Species Selected

Species are selected according to soil type and local climate and include a range of indigenous trees, shrubs and understory. In most cases 20-40 different endemic species (tree, shrub and ground cover) will be established through direct seeding and /or planting seedlings.

### Get started

A. Calculate your carbon emissions using an [online calculator](#)

OR

Decide on a set amount.

B. For calculated carbon emissions, divide your carbon emissions total by 26 (weeks)

C. Fill out a Workplace Giving Form with the amount to be deducted



## Our Planting Sites

Our planting projects are designed to enhance and protect the local environment. CNCF plants on cleared marginalised land, to restore the local landscape, this not only encourages the native environment to flourish but it can support farming with windbreaks, groundwater management and biodiversity.

## Nurture and Monitoring

Part of your donation goes to site monitoring, which occurs annually in the first 3 years of establishment. In-fill planting is undertaken when needed on plantings. Mapping, weed and pest control, fire prevention and protection from livestock are all part of a comprehensive site management plan.



## CARBON OFFSETS/CREDITS: AN OVERVIEW

Carbon offsetting is the final step (after **measuring** and **reduce** emissions) to combat unavoidable carbon emissions. by paying for greenhouse gas (GHG) reductions to be made elsewhere.

### Why Trees

As part of photosynthesis and transpiration, CO<sub>2</sub> is absorbed by trees from the atmosphere as they grow. Carbon molecules are stored in the woody biomass and the oxygen molecules are released back into the atmosphere.

### CNCF Gold Standard carbon offsets

Australian Native Reforestation Gold Standard (GS VERs) are carbon offsets independently accredited and grown in Australia.

- One carbon offset equals one tonne of CO<sub>2</sub>-e.
- On-ground measurement of carbon is in accordance with and independently verified under the international Gold Standard certification (Project 3039)
- GS VERs are retired on [www.markit.com](http://www.markit.com), an external registry (this means they cannot be resold)
- The trees are protected for **100 years** by Carbon Rights and Carbon Covenants
- The planting projects are based in Southwest Australia which has been identified by Conservation International as one of only 35 global biodiversity hotspots