

# PROTECTING THE DEVIL'S FORESTS

AN IMPROVED FORESTRY MANAGEMENT PROJECT IN TASMANIA

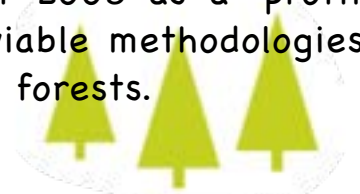
Redd Forests Pty Ltd has created Australia's first internationally recognised Reduced Emissions from Deforestation and Degradation (REDD) project to meet VCS and Australian NCOS Standards. This project demonstrates the commercial viability of using the carbon market to provide an alternative income to landowners who, traditionally, have logged their land for income.



12% of the world's greenhouse emissions come from deforestation and degradation of land. Our forests are the lungs of the planet and we need them just as we need the very air itself that they purify.

## ABOUT REDD FORESTS

Redd Forests Pty Ltd was incorporated in December of 2008 as a "profit for purpose" business designed to apply commercially viable methodologies to replace activities that degrade or destroy the world's forests.



## NATIVE AND OLD GROWTH FORESTS IN GOOD CONDITION

Tasmania is home to ancient forests that are beautiful, irreplaceable and vital for wildlife. Here live the tallest hardwood forests and the tallest flowering plants on Earth; some trees are over 400 years old and reach 97 meters in height. They are a huge store of carbon for the world.

They grow amidst rainforest tree species such as myrtle, leatherwood and celery top pine, with man ferns, mosses and lichens. Such ancient forests are incredibly precious as well as being the irreplaceable home of endemic wildlife.



Large areas have been cleared for agriculture, and the remaining forest is crucial habitat for endangered species such as the **Tasmanian wedge-tailed eagle**, **white goshawk**, **swift parrot**, **giant crayfish** and **spotted quoll** and, of course, **the iconic Tasmanian Devil**

This remnant forest is especially important for maintaining ecological connectivity and resilience under the stresses of climate change.

This project will allow Tasmania to transition away from logging native forests for low value wood chips. Enough plantation forests exist and much of the already degraded land can be turned into plantations for any additional demand of wood chips for pulp.

## THE PROJECT AREA AS IT IS NOW

The project area directly impacts climate change and biodiversity by storing and sequestering carbon dioxide and improving habitat for fauna and flora. By eliminating selective logging, and allowing natural regeneration of the key forest communities to continue, unabated. The project will enhance long-term biodiversity. Our project areas have varied forest communities including:

**Eucalyptus delegatensis**: dry forest and woodland

**Eucalyptus amygdalina**: forest and woodland on dolerite

**Eucalyptus viminalis**: grassy forest and woodland

**Eucalyptus delegatensis**: forest with broad-leaf shrubs

**Eucalyptus Regnans**: wet sclerophyll forest with high carbon density

The forest areas are multi-aged, rich with natural undergrowth and provides the essential natural environment for local plants and animals.



## THE THREAT

Typical logging practices carried out include the use of clearfell silviculture, liquid incendiaries (napalm) and the poison sodium monofluoroacetate (#1080). Though legal, these practices are widely condemned.

Nearly all the logged wood is chipped and exported for pulp used in the manufacture of paper.

However, only one-third of the biomass of the tree is used and the residue is burned or, in the case of the roots, allowed to rot. As a consequence the emission of CO<sub>2</sub> into the atmosphere is almost immediate and, as paper has a short life, absolute within just a few years.



Although replacement plantations will sequester CO<sub>2</sub> in their short life they too will be harvested for pulp and the cycle of emissions continues.

# PROJECT DETAILS

Our projects are widespread across Tasmania and so far have protected over 18,000 hectares of native forests.

**With your help** we can extend that coverage to over 150,000 hectares and, in so doing, avoid the emission of up to 15 million tonnes of greenhouse gases over the 25 year project period.

By buying the carbon credits generated by our project you will enable the landowners to earn an income by protecting their forests instead of logging them.



## CLIMATE

Our projects will avoid the release of up to 15 million tonnes of greenhouse gases (CO<sub>2</sub>-e), and ensure the ongoing sequestration of CO<sub>2</sub> by the forest over the 25 year project period.

Recent biomass surveys have found that some old-growth forests in Tasmania store more than 650 tonnes of carbon per hectare, exceeding the amount of carbon stored in the vegetation of most tropical rainforests. Plantations established in place of old-growth forests after clearing store considerably less carbon and are harvested regularly emitting any CO<sub>2</sub> they may have sequestered in their short life. As the wood from these plantations is turned to pulp nearly all of their stored carbon is released into the atmosphere very quickly.

## COMMUNITY

This is a high-profile project with remarkable endemism and quantifiable financial additionality for the landowner ensuring that benefits will continue to accrue beyond the project's timeline of 25 years. It will also help maintain Tasmania's aesthetic beauty, and support the all-important tourist sector while helping promote ecosystem services which support other land uses and human welfare. Project success will support a wave of new opportunities for local communities.

## BIODIVERSITY

Many of our project areas are home to healthy communities of the iconic, but now endangered Tasmanian Devil, as well as nesting sites of the endangered Wedge Tailed Eagle and numerous rare native flora as well as providing a natural habitat for Bettongs and Potoroos. Tasmania is a biodiversity island and highly threatened under a business-as-usual scenario.

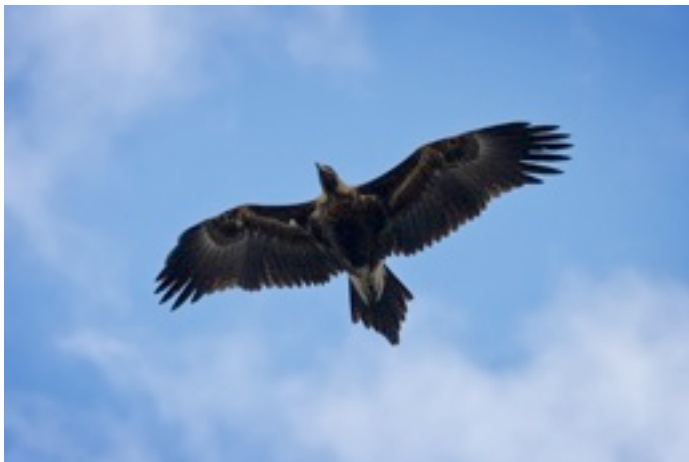


# PROJECT QUALITY

Our projects are of the very highest veracity. They are validated and verified by external third parties and meet the rigorous criteria of the Climate, Community and Biodiversity Standards (CCBS) and the Voluntary Carbon Standard (VCS).

Accreditation by the VCS and CCBS assures investors that this project is of the highest calibre and brings positive outcomes not just in the fight against climate change but to the local community and the biodiversity of the region.

Voluntary Carbon Units (VCUs) issued by the VCS can be bought by those wishing to offset their emissions and move toward carbon neutrality. Buyers can rest assured of the accuracy, quality and ongoing verification of the projects and purchase the credits in full confidence of having helped avoid the emission of harmful greenhouse gasses and the degradation of our forests.



For more information and details on how to buy carbon credits generated from our projects please contact:

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