

ESG Strategy Summit 2023

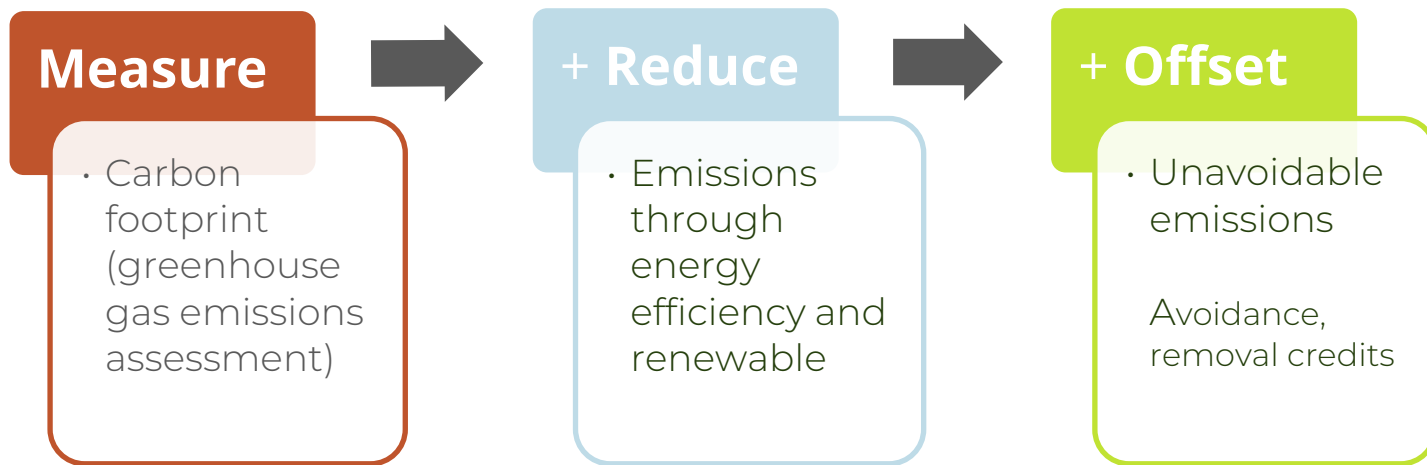
How Carbon Offsetting
Aligns with Corporate ESG Goals

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7 November 2023

We partner with business to:



Developer of large-scale
high-quality nature positive projects

Gold Standard[®]
Climate Security & Sustainable Development



Climate Change

Human-caused climate change is real and now!



ENDANGERING ECOSYSTEMS



BUSHFIRES



CORAL BLEACHING



THREATENED WILDLIFE



DROUGHTS



AGRICULTURAL LAND LOSS

The case for carbon offsetting

Net zero carbon targets will not be achieved without removal of CO₂ from the atmosphere.

Carbon offsets mobilise and channel funding into bio-sequestration* projects.

*Reforestation, soil carbon, forest conservation and 'blue' carbon.



Carbon offset types

A carbon credit, or offset, is a tradeable unit representing the reduction or removal of one tonne of CO₂-e from the atmosphere. Credits are primarily generated by investments in:

Avoidance credits

Projects that prevent carbon emissions that **would have occurred**.



Renewables



Household devices



Water management



Fuel switching

Reduction credits

Projects to **reduce** levels of carbon **released** to the atmosphere.



Bioenergy and biomass



Preventing deforestation



Industrial carbon capture and storage

Removal credits

Projects that reduce carbon emissions by **absorbing** them from the atmosphere.



Habitat restoration



Afforestation



Direct air carbon capture

Offset selection



Household devices

Clean cookstoves deliver significant benefits to women's safety and workforce participation, respiratory health and avoided deforestation.



LDC Renewables

In Least Developed Countries, grid-connected energy is not universal and new fossil fuels are BAU, meaning renewable energy is highly impactful.



Exceptional REDD+

Forest protection is critical to tackling climate change. We will focus on only the most robust projects, with NDC-aligned baselines and policy certainty.



Nature-based removals

Blue carbon, soil carbon, regen ag, and other restoration-focused project types are increasingly sought after, especially under SBTi.



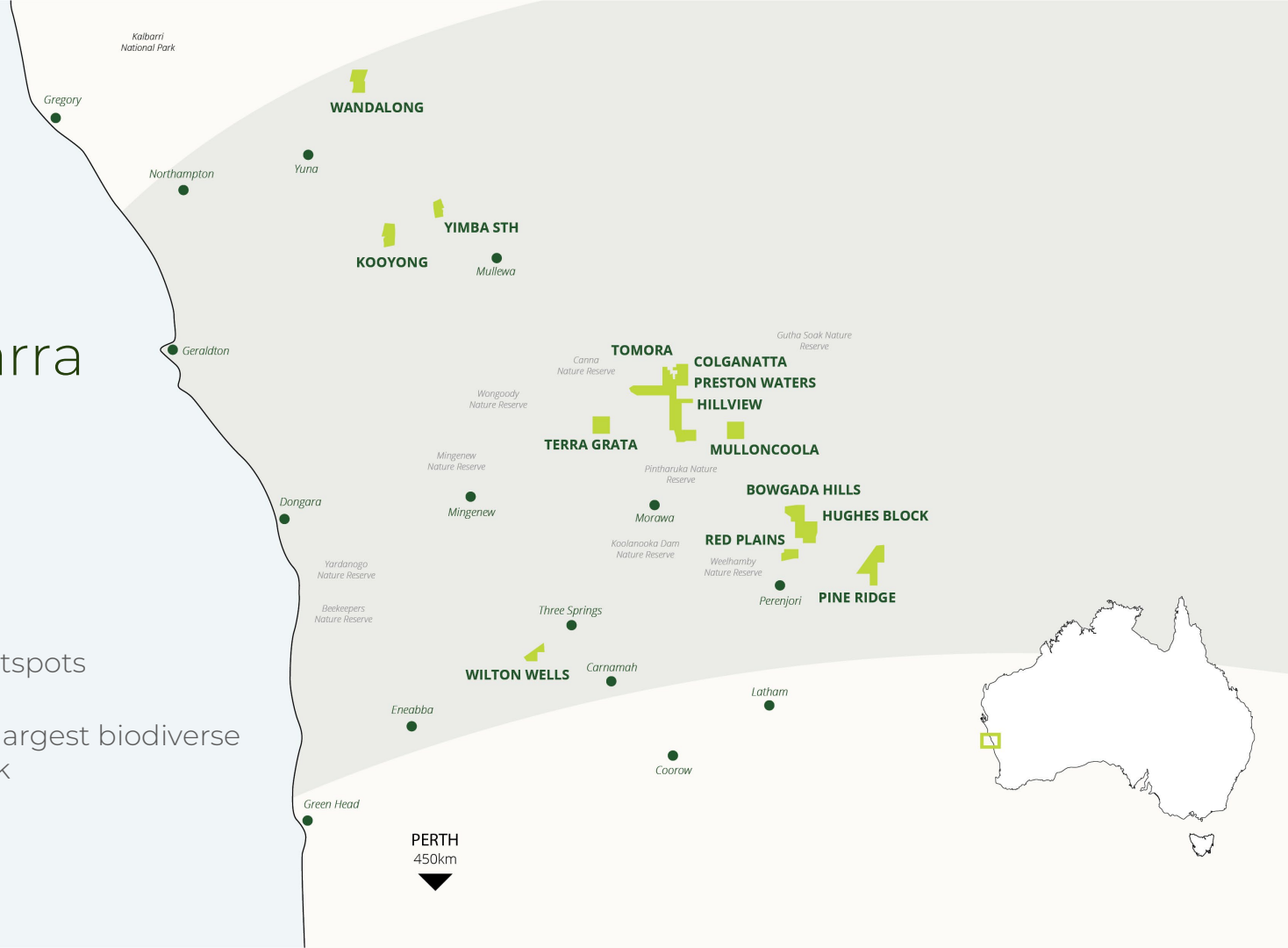
Biogas capture

Methane has 25X more warming potential than CO₂. Capturing methane emissions will allow CH₄-emitting companies to offset like-for-like.

The Yarra Yarra Biodiversity Corridor

Located in one of only
36 global biodiversity hotspots

Developer of Australia's largest biodiverse
reforestation carbon sink





- First major planting 2008
- 21,000 ha planted/restored so far

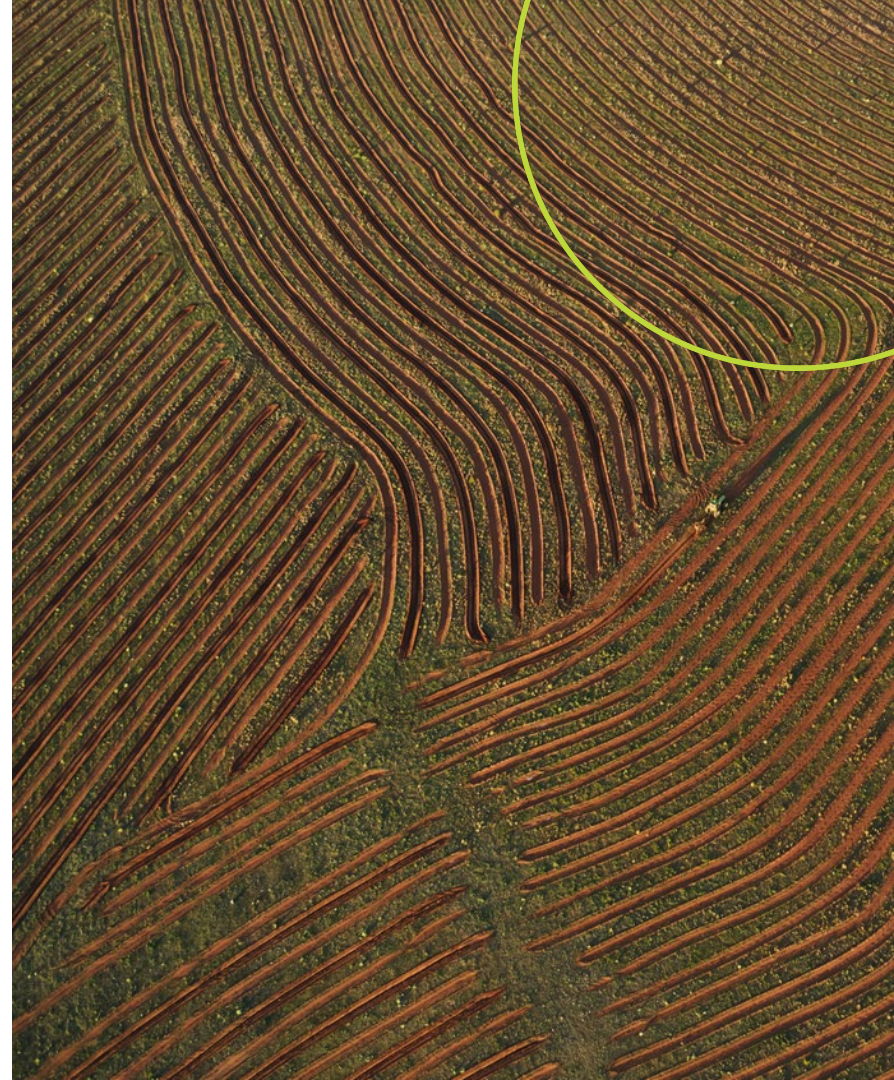
- Incl. 8,000 ha Gold Standard certified
- >30 M trees/shrubs planted

ESG Goals

Nature positive projects play a crucial role in achieving net-zero goals.

They offer sustainable and resilient solutions that contribute to climate change mitigation.

- capturing and storing carbon
- protecting ecosystems
- empowering communities



Co-benefits

The Yarra Yarra Biodiversity Corridor

SOUTHWEST AUSTRALIA – A GLOBAL BIODIVERSITY HOTSPOT

- Restores unproductive, degraded farmland
- Enhances and protects biodiversity, create new wildlife habitats
- Is part of a global biodiversity hotspot (36)
- Reduces soil erosion, encroaching dryland salinity
- Provides new revenue and employment for farm families, indigenous and rural communities
- Links to 7 Sustainable Development Goals





THE GLOBAL GOALS
For Sustainable Development

3 GOOD HEALTH
AND WELL-BEING



4 QUALITY
EDUCATION



6 CLEAN WATER
AND SANITATION



8 DECENT WORK AND
ECONOMIC GROWTH



13 CLIMATE
ACTION



15 LIFE
ON LAND



17 PARTNERSHIPS
FOR THE GOALS



Case Study: The Yarra Yarra Biodiversity Corridor Carbon Sink Project			
Category	Core Co-Benefit	Co-Benefit Description	United Nations SDGs
Environment	Biodiversity / ecosystem services	- Nature-based solution to the climate crisis through carbon sequestration - Strengthen resilience and adaptive capacity to climate related hazards - Reconnect and restore fragmented and declining (remnant)vegetation - Provide habitat for threatened flora and fauna	13 Climate Action 15 Life on Land
	Water quality	- Reduced surface runoff - Reduced salt concentrations over time	6 Clean Water & Sanitation
	Soil Quality	- Increased organic soil matter - Decreased salt concentrations decreasing	15 Life on Land
Economic	Local Employment & Skills	- Developing new industries and jobs in ecosystem services in regional economies - Supporting 100+ businesses in the planning, preparation, establishment and management of biodiverse plantations and conservation areas - Integrating carbon farming with traditional agriculture	3 Good Health & Wellbeing 4 Quality Education 8 Economic Growth 17 Partnerships for Goals
Social	Indigenous community capacity building	- Recognise and protect significant cultural heritage sites - Help communities develop skills, education and infrastructure to improve their quality of life - Land stewardship and environmental protection - Positive contribution to mental health and wellbeing	3 Good Health & Wellbeing 17 Partnerships for Goals

Nature positive carbon farming offsets:

Gets you on the front foot on the ESG journey

- Balance carbon project sustainable co-benefit outcomes with ESG goals
- Focusses minds on how to reduce avoidable emissions (via annual measurement and reduction process)
- Financial incentive to decarbonise - minimize annual offset purchase
- Basis on which you can build a robust climate strategy
- Compelling to say that you are doing something today
- Creation of low carbon products and services
- Supports brand and growth development
- Staff engagement



Austral Fisheries team involvement

“Life changing experience”



Thank you

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