

Project Title
Auscarbon Biodiversity Project
Registry ID
GS-3040
Type of Certification
☒ Initial Certification ☐ Performance Certification ☐ New Area Certification

Copy the table for each

- mitigation measure identified in the chapter '3.1 Do-No-Harm Assessment' with the risk rating of 'medium' or 'high', AND
- indicator identified by the Sustainable Development Assessment in the chapter '3.2 Local Stakeholder Consultation' rated as positive (+1) or negative (-1), AND
- mitigation measure identified by the Sustainable Development Assessment in the chapter '3.2 Local Stakeholder Consultation' that will neutralize the negative indicators

3.5 Sustainability Monitoring Plan

Sustainability Monitoring ID		1
Indicator for		Air quality – Local Stakeholder Consultation – SD assessment 1
Mitigation measure		NA. Positive +1 rating therefore no mitigation required.
Chosen parameter		Improved air quality from CO2 sequestration
Current situation of parameter		Carbon forest established
Estimation of baseline situation of parameter		<10t CO2e per ha
Target for parameter		189t per ha CO2e sequestered at year 50
Monitoring	How will it be monitored and documented?	Annual forest survey and modelling. The company will report annual progress.
	Who is responsible for monitoring and documentation?	Auscarbon's Project Manager
	When will it be monitored (duration and frequency)?	Annual reporting

Sustainability Monitoring ID		2
Indicator for		Soil Condition – Local Stakeholder Consultation – SD assessment 3
Mitigation measure		NA. Positive +1 rating therefore no mitigation required.
Chosen parameter		Remediation of salt effected soils and general improvement of other degraded landforms by adding native vegetation cover.
Current situation of parameter		Vegetation plant complete
Estimation of baseline situation of parameter		Zero to minimal vegetation survival on affected areas

Target for parameter		>20% crown cover across the affected areas
Monitoring	How will it be monitored and documented?	Annual forest survey and modelling. The company will report annual progress.
	Who is responsible for monitoring and documentation?	Auscarbon's Project Manager
	When will it be monitored (duration and frequency)?	Annual reporting

Sustainability Monitoring ID		3
Indicator for		Biodiversity – Local Stakeholder Consultation – SD assessment 5
Mitigation measure		NA. Positive +1 rating therefore no mitigation required.
Chosen parameter		Increased populations of native flora and fauna
Current situation of parameter		Auscarbon is currently assessing baseline of biodiversity
Estimation of baseline situation of parameter		Anecdotal evidence of rare fauna such as black cockatoo and on some properties mallee fowl along with flora
Target for parameter		...
Monitoring	How will it be monitored and documented?	Annual inspections but 5 yearly reporting assessment. This timeframe is required to see significant increases (or otherwise) in populations of interest.
	Who is responsible for monitoring and documentation?	Auscarbon's Project Manager and external consultants
	When will it be monitored (duration and frequency)?	5 yearly

Sustainability Monitoring ID		4
Indicator for		Human and institutional capacity – Local Stakeholder Consultation – SD assessment 9
Mitigation measure		NA. Positive +1 rating therefore no mitigation required.
Chosen parameter		Collaboration with researchers and continued R&D tax incentive claims
Current situation of parameter		Auscarbon is currently collaborating in this way and developing its own R&D knowledge.
Estimation of baseline situation of parameter		Current state of art regarding the likes of environmental planting sequestration and establishment techniques.
Target for parameter		Further work is required to refine this knowledge and importantly to the industry, to develop a model that can be cost effectively applied to estimate carbon sequestration.
Monitoring	How will it be monitored and documented?	Ongoing project planning and sponsorship with external institutions and organisations. Auscarbon reviews and where relevant applies for R&D tax incentive benefits annually.
	Who is responsible for monitoring and documentation?	Auscarbon's Project Manager, overseeing Director and external consultants
	When will it be monitored (duration and frequency)?	Annually

Sustainability Monitoring ID		5
Indicator for		Quantitative employment and income generation – Local Stakeholder Consultation – SD assessment 10
Mitigation measure		NA. Positive +1 rating therefore no mitigation required.
Chosen parameter		Direct and indirect employment and local business engagement
Current situation of parameter		Company employee 3 site based staff and to date has spent more than \$4M with the local suppliers and community for the establishment of its carbon projects and other activities.
Estimation of baseline situation of parameter		At the commencement of the project Auscarbon had 2 full time equivalent employees and 2 key contractors
Target for parameter		To increase permanent employees (recognition of corporate growth), sustain and increase long term and temporary workers involved in establishment programs, employ indigenous workers (since done on a number of temporary work arrangements and maximise local suppliers input
Monitoring	How will it be monitored and documented?	Reviewed annually at the end of financial year. Providing local content opportunities will be part of industry/supplier engagement. Supplier records are captured in Auscarbon's accounting system and able to be extracted at any time.
	Who is responsible for monitoring and documentation?	Overseeing Director and Project Manager.
	When will it be monitored (duration and frequency)?	Annually

Sustainability Monitoring ID		6
Indicator for		Technology transfer and technological self-reliance – Local Stakeholder Consultation – SD assessment 12
Mitigation measure		NA. Positive +1 rating therefore no mitigation required.
Chosen parameter		Development and refinement of successful establishment techniques and equipment for support large scale, low cost, environmental plantings
Current situation of parameter		At the time of establishment the company had developed this technology to a proof of concept level that demonstrated that successful direct seeding could be done.
Estimation of baseline situation of parameter		Survival rates specifically for direct seedling at the time of project establishment circa 50%
Target for parameter		Target 90% survival from direct seedling from continued R&D development
Monitoring	How will it be monitored and documented?	Performance assessment of each establishment program and annual site survival and growth review.
	Who is responsible for monitoring and documentation?	Auscarbon Project Manager
	When will it be monitored (duration and frequency)?	Annual review