



UK CARBON CODE OF CONDUCT PROJECT DEVELOPMENT DOCUMENT (PDD)

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UKCCC VISION & MISSION

OUR VISION: Climate change reversal through Greenhouse Gas Reduction and Removal + and sustainable development for all.

OUR MISSION: To ensure UK Green House Gas Reduction and Removal (GRR+) Credits are effectively measured, reported and verified to give surety to those wishing to offset residual Carbon Dioxide Equivalent (CO₂e) units.

1. CORE PROJECT INFORMATION

Key Information	
Farm / Company name	Farmer Angus/Spier Estate
Location	Stellenbosch South Africa
Key contact (name)	Angus Macintosh
Key contact (email)	angusm@facarbon.com
Key contact (phone)	
Project Owner	Spier BD Farm Registration 2008 / 254735 / 23
Project Information	
Project description	Regenerative agriculture, habitat creation
Proposed main activities	<ul style="list-style-type: none">• Mob grazing, planting diverse grazing mixes, introduction of livestock enterprises
Project size	
Target outcomes	<ul style="list-style-type: none">• Increased soil carbon levels, improved soil health, increased biodiversity habitats and connectivity
Length of project / funding	5 x 5 year verification cycles
Cost upfront (including implementation and all PDD costs) to finance project	£12,740
Are their annual maintenance costs (non-carbon credit related)?	No
If yes, how much?	
Other than carbon are there any specific measures / metrics that will be part of the project reports?	<ul style="list-style-type: none">• Biodiversity habitat creation
What third-party implementation partners will be used, and what for?	Beyond Zero
Are all third-party costs included in the activity costs?	Yes
If no, what are the third-party costs?	<ul style="list-style-type: none">•

Carbon	
How many carbon credits will be issued in total for the lifetime of the project?	
How many will be issued before buffers taken?	
What is the annual buffer %?	
What is the annual global allocation %?	
Carbon credits issued per year	
Verification years	
Cost per credit	
What is the preferred method of funding the credits for the farmer?	<ul style="list-style-type: none">
Engagement	
Will the Business be able to engage directly with the Project?	Yes
If yes, which of the following will be possible. <ul style="list-style-type: none"> • Direct employee visits to the farm • Employee marketing involvement e.g., videos on the farm with the CEO. 	<ul style="list-style-type: none"> • Farm visits, marketing and team building events
How often will each engagement be possible?	<ul style="list-style-type: none"> • 4 times per year
Marketing	
Is there a marketing description of the project already – if so, please insert.	
Are there marketing photos already for the project – if so, please insert a link of send to Nature Broking	

2. PROJECT DEVELOPMENT INFORMATION

Item	
Project name	
Project developer	Triage
Project Reference (project developer prefix then 5-digit number)	TR00013
PDD Version number	1.2
Project host representative	Angus Macintosh
Project Address	Spier Estate,
Project host email address	angusm@facarbon.com
Project host telephone number	
Project host website	www.farmerangus.co.za
No. employees	20+
Management structure	Run by Angus Macintosh with local managers and supervisors
Financial structure	Limited company
Socio-economic history	
Company registration number if applicable	
Unique Tax Reference number	
Source of funds to complete project	Carbon and nature Credit sales
Single Business Identifier (SBI) or Customer Reference Number (CRN)	
Host country	South Africa
Date of first submission	04/04/23
Land use activities: (list all changes)	•
Length of project	25 years (5*5 year verification cycles)
Total project area (ha)	
Emissions calculation contractor	Beyond Zero FCT
Natural Capital and boundary map provider	Beyond Zero
Link to project map and additional data	Project map
Verification cycle	5 years
Water bodies in project boundary (name all rivers and major tributaries and lakes over 1ha in size)	•

List all local sights of special scientific interest (within project boundary and within 5 miles of boundary)	•
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3. MAIN PROJECT IMPACTS

UN Sustainable development goals (SDG's) met as part of project	Expected outcome of project
SDG 13 Climate Action	Net Zero status reached
SDG 15 Life on land	Biodiversity levels increase from project baseline, 6 species identified to improve numbers (list)
SDG 12 Responsible consumption and production	Reduction of chemical and fertilizer usage
SDG 5 Gender Equality	An assurance of gender equality and pay in all departments
SDG 1 No Poverty	There are a number of initiatives in place to help alleviate poverty within the local population, these include a profit share scheme with the laying hen enterprise. In the past Angus has given some of the carbon income to his staff and local people
SDG 8 Decent work and Economic Growth	A continuation of a safe and equitable working environment
Main social impacts of project	<ul style="list-style-type: none"> Increased employment, Cleaner air Cleaner water
Main environmental impacts of project	<ul style="list-style-type: none"> CDR removal, Biodiversity enhancement

4. ADDITIONALITY TEST

Item	Yes / No
Would the project host have been able to undertake this project without the investment of carbon credit sales?	No
Have accurate baselines been established	Yes
Establishment of baseline scenario	Yes
Which baselines are required:	
Soil tests to UKCCC protocol V1.2	Soil tests completed but not to full UKCCC specification
UK Hab map to 1m resolution	Yes
Current emissions	Yes
Net zero calculation	Yes

5. NET EMISSIONS CALCULATION

Item	T CO2e
Total current emissions	1416

Total current sequestration	6492
Planned additional sequestration:	
Soil, conversion to regenerative techniques	
Natural capital addition	
Balance BEFORE BUFFER	5076
Buffer implemented	40%
Credits held in buffer	2030
Annual Credits released to sell	3046

6. PROTECTION AND PRESERVATION AND SUPPLEMENTARY ESG DATA CAPTURE

Subject & Project Expectations	Comments	ESG Action	Project Action
Human Rights			
<ol style="list-style-type: none"> 1. The Project proponent and the Project shall respect internationally proclaimed human rights and shall not be complicit in violence or human rights abuses of any kind as defined in the Universal Declaration of Human Rights 2. The Project shall not discriminate with regards to participation and inclusion 	High relevance due to local labour. As such there will be an automatic removal of UKCCC approved status of any project that breaks human rights laws.	Monitor human rights issues in annual reporting with total staff numbers broken down into nationality, contract length and gender	Check for staff turnover levels
Gender Equality			
<ol style="list-style-type: none"> 1. The Project shall not directly or indirectly lead to/contribute to adverse impacts on gender equality and/or the situation of women 2. Projects shall apply the principles of non-discrimination, equal treatment, and equal pay for equal work 3. The Project shall refer to the country's national gender strategy or equivalent national commitment to aid in assessing gender risks 4. Summary of opinions and recommendations of an Expert Stakeholder(s) – where required 	The project should seek to develop a gender equality plan to ensure that all genders are equally and fairly represented.	The project shall if appropriate create a Gender Pay Gap report and undertake to understand if a pay gap exists and how to close the gap over an agreed time	Report annual gender pay gap report
Community Health, Safety and Working Conditions			
The Project shall avoid community exposure to increased health risks and shall not adversely affect the health of the workers and the community	Health and safety records seen and zero incidence of farm accidents and has a zero tolerance of any incidence that might jeopardise the safety of any employee, visitor or anyone that enters the project boundary.	Host to notify project proponent of any H&S issues. Records to be available at annual verification visits	Record staff issues and turnover in Annual Monitoring Plan

Subject & Project Expectations	Comments	ESG Action	Project Action
Sites of Cultural and Historical Heritage			
Does the Project Area include sites, structures, or objects with historical, cultural, artistic, traditional, or religious values or intangible forms of culture?	None declared	View site each year to confirm not been interfered with	Recorded in Annual Monitoring Plan
Forced Eviction and Displacement			
Does the Project require or cause the physical or economic relocation of peoples (temporary or permanent, full, or partial)?	NO		
Land Tenure and Other Rights			
Does the Project require any change, or have any uncertainties related to land tenure arrangements and/or access rights, usage rights or land ownership?	Land owned by ???	Host will inform Triage of any change to land holding	Land tenure checked at annual verification visit and changes recorded on monitoring plan. Any changes lead to adjustment in carbon credit generation
Corruption			
The Project shall not involve, be complicit in or inadvertently contribute to or reinforce corruption or corrupt Projects	Project subject to all UK laws. Anti money laundering details submitted and approved in project agreement	Annual confirmation of project host	Recorded on Annual Monitoring Plan

Subject & Project Expectations	Comments	ESG Action	Project Action
Labour Rights			
<ol style="list-style-type: none"> 1. The Project proponent shall ensure that all employment is compliant with national labour occupational health and safety laws 2. Workers shall be able to establish and join labour organisations 3. Working agreements with all individual workers shall be documented and implemented and include: <ol style="list-style-type: none"> a) Working hours (must not exceed 48 hours per week on a regular basis), AND b) Duties and tasks, AND c) Remuneration (must include provision for payment of overtime), AND d) Modalities on health insurance, AND e) Modalities on termination of the contract with provision for voluntary resignation by employee, AND f) Provision for annual leave of not less than 28 days per year, not including sick and casual leave. 4. No child labour is allowed (Exceptions for children working on their families' property requires an Expert Stakeholder opinion) 5. The Project proponent shall ensure the use of appropriate equipment, training of workers, documentation and reporting of accidents and incidents, and emergency preparedness and response measures 	<p>All workers subject to SA labour laws and in possession of working contracts</p> <p>Health and safety policy in place and employers' liability certificates seen.</p> <p>Angus Macintosh has a strong relationship with his team, holding daily start of work meetings. The project team were fortunate to attend a couple of these meetings through the week long project assessment process.</p>	<p>Annual confirmation of compliance with SA employment laws</p>	<p>Recorded on Annual Monitoring Plan</p>

Subject & Project Expectations	Comments	ESG Action	Project Action
Negative Economic Consequences			
Does the project cause negative economic consequences during and after project implementation?	No		
Emissions			
Will the Project increase greenhouse gas emissions over the Baseline Scenario?	No	Due to very low emissions and activity, net carbon calculation only carried out every 5 years	Any changes to system recorded on Annual Monitoring Plan
Energy Supply			
Will the Project use energy from a local grid or power supply (i.e., not connected to a national or regional grid) or fuel resource (such as wood, biomass) that provides for other local users?	Not above normal business use.	Confirm no additional use of fossil fuels	
Impact on Natural Water Patterns/Flows			
Will the Project affect the natural or pre-existing pattern of watercourses, groundwater and/or the watershed(s) such as high seasonal flow variability, flooding potential, lack of aquatic connectivity or water scarcity?	No, the move to more restorative systems should help improve ground and surface water quality	Water scarcity in SA could be a real issue. The continual increase in soil organic matter should increase soil water holding capacity	Ensure on annual verification visit - no adverse works on water ways
Erosion and/or Water Body Instability			
Could the Project directly or indirectly cause additional erosion and/or water body instability or disrupt the natural pattern of erosion?	No, part of project is in a flood zone, some destined for wetland creation for carbon storage. Project is not expected to affect water flows		
Landscape Modification and Soil			
Does the Project involve the use of land and soil for production of crops or other products?	Yes, Vines and livestock	Check conditions during annual verification visit	Record on Annual Monitoring Plan

Subject & Project Expectations	Comments	ESG Action	Project Action
Vulnerability to Natural Disaster			
Will the Project be susceptible to or lead to increased vulnerability to wind, earthquakes, subsidence, landslides, erosion, flooding, drought or other extreme climatic conditions?	NA	A move to regenerative organic farming practices will reduce the likelihood of erosion, flooding, and drought. Check for soil erosion events at annual verification visit	
Genetic Resources			
Could the Project be negatively impacted by or involve genetically modified organisms or GMOs (e.g., contamination, collection and/or harvesting, commercial development, or take place in facilities or farms that include GMOs in their processes and production)?	No planned use of GMO technology. Informed client that GMOs are not to be used without full risk assessment and decision made with the UKCCC Technical Advisory Panel (TAP)	Approval to be sought from UKCCC TAP	
Release of pollutants			
Could the Project potentially result in the release of pollutants to the environment?	Low probability	Organically managed. Compost site could lead to contamination but very well managed and controlled	Check any pollution events at annual verification visit
Hazardous and Non-hazardous Waste			
Will the Project involve the manufacture, trade, release, and/or use of hazardous and non-hazardous chemicals and/or materials?	No		
Pesticides & Fertilisers			
Will the Project involve the application of pesticides and/or fertilisers? How will the applicant ensure full compliance with best practice?	Not applicable as none used		
Harvesting of Forests			
Will the Project involve the harvesting of forests?	No		

Subject & Project Expectations	Comments	ESG Action	Project Action
Food			
Does the Project modify the quantity or nutritional quality of food available such as through crop regime alteration or export or economic incentives?	Potentially reduce food production with the use of carbon crops, not seen to be damaging to food supply	Check cropping and rotation plans at annual verification visit	Record on Annual Monitoring Plan
Animal husbandry			
Will the Project involve animal husbandry? How will the applicant ensure best husbandry techniques?	Yes: Sheep and cattle grazing, although considering stopping grazing due to carbon opportunity	Check compliance and most recent audit reports	
High Conservation Value Areas and Critical Habitats			
Does the Project physically affect or alter largely intact or High Conservation Value (HCV) ecosystems, critical habitats, landscapes, key biodiversity areas or sites identified?	No, the estate is an integral part of the local conservation ecosystem	Key habitats recorded on project maps. Planned biodiversity habitats recorded	Recorded on Annual Monitoring Plan
Endangered Species			
Are there any endangered species identified as potentially being present within the Project boundary (including those that may route through the area)? AND/OR Does the Project potentially impact other areas where endangered species may be present through transboundary affects?	A number of red list birds targeted for help within the goals of SDG 15 Many rare and endangered plant and insect species are being targeted for improvement.	Care is to be always taken to protect and enhance existing wildlife corridors	Record significant species siting's and changes on Annual Monitoring Plan

7. DOCUMENT CONTROL

Item	Date of completion	UKCCC use only	VVB use only
Completed PDD	04/08/23		
Natural Capital and Boundary map	04/08/23		
Net Zero Report	04/08/23		
Interested Parties Consultation completed	04/08/23		
Sequestration Plan created	04/08/23		
Emissions Reduction Plan created	04/08/23		
Annual Monitoring Plan created	04/08/23		

End of document