



Australian Government

AHCCFP403 Identify opportunities and risks in carbon farming projects

Release: 1

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Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 4.0.

Application

This unit of competency describes the skills and knowledge required to identify the opportunities and risks involved in undertaking a carbon farming project for a given site/s.

The unit applies to individual land owners, land managers or members of a community, or other entity, who assess the opportunities and feasibility of starting up, or taking part in, a land-based carbon farming project.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Carbon Farming (CFP)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify carbon farming opportunities	1.1 Identify potential site/s for carbon farming project 1.2 Consider land type, land use, local climate and investment 1.3 Consider carbon farming methods that may apply to selected site/s and associated social, cultural and economic benefits 1.4 Determine rights to lands, eligible interest holder groups and project boundaries

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Investigate markets that offer carbon credits for approved carbon farming projects
2. Consider feasibility of the carbon farming project	2.1 Estimate total costs of project 2.2 Consider technological systems required to monitor project and collect, collate and record relevant data 2.3 Identify the management, governance and technical skills required to implement a carbon farming project 2.4 Assess requirement to contract suitably qualified or experienced personnel 2.5 Consider services that may be offered by carbon project developers, agents, aggregators and advisors
3. Consider financial aspects of the carbon farming project	3.1 Identify stakeholders and consultation processes 3.2 Estimate ongoing project costs 3.3 Roughly estimate anticipated carbon abatement 3.4 Investigate benefits of working with an agent or advisor who holds an Australian Financial Services Licence (AFSL) to identify financial risks 3.5 Assess risks of working with an agent or advisor who does not hold an AFSL
4. Analyse overall benefits and risks associated with carbon farming project	4.1 Analyse direct benefits and ancillary benefits of potential carbon farming project 4.2 Analyse risks associated with the implementation of the carbon farming project 4.3 Present a summary risk analysis document to stakeholders and make recommendations that provide options for carbon farming

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
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Skill	Description
Reading	Interpret material focussed on carbon farming funds and methods

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCCFP403 Identify opportunities and risks in carbon farming projects	Not applicable	New unit	No equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet at: -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72>

Assessment Requirements for AHCCFP403 Identify opportunities and risks in carbon farming projects

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has identified the benefits and risks associated with a carbon farming project for a designated site, utilising at least one land-based method. This includes:

- identifying appropriate method for land type
- conducting a feasibility assessment
- assessing financial viability
- documenting and developing a summary analysis

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- carbon farming project methods to store carbon or avoid emissions from agricultural or land management activities
- implementation costs of a land-based carbon farming project method, including equipment, technology, preparation of land, service providers such as soil testing services, legal advice, engineering services, carbon advisor or agent
- ownership/leasing arrangements for site (that may need to be in place for up to 25 years)
- key questions to ask a carbon farming advisor or agent
- markets for carbon credits, including the Emissions Reduction Fund (ERF).

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
- resources:

- designated site
- specifications:
 - access to information about carbon farming methods and markets.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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