



Australian Government

AHCCFP402 Prepare to comply with measuring and modelling requirements of carbon farming methods

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 comply with the reporting guidelines for measuring and modelling methods of land-based carbon farming projects. It covers the requirement to collect project data and information requirements.

The unit applies to farmers and land managers who intend to earn carbon credits by storing carbon or reducing greenhouse gas emissions. To be eligible, projects must comply with a project methodology (or method) approved for use under the carbon program or fund.

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. Determine compliance obligations of carbon farming method	1.1 Identify carbon farming method 1.2 Access compliance requirements of method 1.3 Interpret requirements of method and prepare to meet requirements
2. Establish project area	2.1 Determine requirement for collection and reporting of geographic

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	information, specific to method and guidelines 2.2 Use geospatial data to define project area 2.3 Define activity areas including exclusions areas, as required by the method
3. Collect and input data	3.1 Identify data collection procedure associated with method 3.2 Collect data according to project methodology 3.3 Input and save data as specified by method or technical guidance documentation
4. Analyse data for submission to carbon market regulator	4.1 Calculate carbon abatement or storage for reporting period 4.2 Generate report on carbon abatement or storage using approved tool or procedure 4.3 Submit report to the carbon market regulator 4.4 Follow regulator procedures to receive carbon credits
5. Comply with audit requirements	5.1 Ensure records are secure and backed-up 5.2 Ascertain audit requirements of method 5.3 Choose an auditor approved by carbon market regulator 5.4 Participate in audit process in line with auditor's directions

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
Get the job done	Research and manage complex information
Reading	Interpret documentation from a variety of sources
Numeracy	Interpret data in maps, tables, charts and/or graphs

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCCFP402 Prepare to comply with measuring and modelling requirements of carbon farming method	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 AHCCFP402 Prepare to comply with measuring and modelling requirements of carbon farming methods

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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 prepared to comply with the measuring and modelling requirements of one approved, carbon farming method, including:

- established the project area utilising geospatial data
- collected, inputted and analysed carbon data
- followed approved carbon farming method procedures.

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:

- relevant carbon farming legislation, rules, method, technical guidance documentation and related procedures
- contemporary sources of geospatial data:
 - Global Positioning Systems (GPS) and Global Navigation Satellite System (GNSS)
 - field surveys and sampling
 - orthorectified aerial photographs
 - orthorectified satellite imagery
 - cadastral database
 - publicly available datasets
- criteria used to assess fitness for purpose of datasets
- approved methods to reduce emissions or increase carbon storage
- formats used to report to the regulator.

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:
 - GPS tools, approved modelling tools and calculators
- specifications:
 - access to legislation, regulations and 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.

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