

Modification history

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

AHCCFP4X2	Identify opportunities and risks in carbon farming projects
Application	<p>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.</p> <p>The unit applies to individual land owners, land managers or members of a community who may be considering starting up, or taking part in, a land-based carbon farming project.</p> <p>No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite unit	Nil
Unit sector	Carbon Farming

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 for carbon farming project 1.2 Consider the land cover, land use and local climate 1.3 Consider carbon farming methods that may apply to selected site and the environmental benefits and co-benefits 1.4 Investigate markets that offer carbon credits for approved carbon farming projects
2. Consider financial feasibility of method	2.1 Estimate the costs of infrastructure or equipment required to start the project 2.2 Consider the technological systems required to monitor the project and collect, collate and record relevant data 2.3 Estimate ongoing project costs 2.4 Roughly estimate the anticipated carbon abatement 2.5 Consider the return on financial investment 2.5 Consider the financial risks to the project
3. Consider organisational capability for the carbon farming project	3.1 Identify the management, governance and technical skills required to implement a carbon farming project 3.2 Assess the requirement to contract suitably qualified or experienced personnel 3.3 Consider the services that may be offered by carbon project developers, agents, aggregators and advisors 3.4 Investigate the benefits of working with an agent or advisor who holds an Australian Financial Services Licence (AFSL) 3.5 Assess the risks of working with an agent or advisor who does not hold an AFSL
4. Analyse overall benefits, co-benefits and risks associated with carbon farming project	4.1 Analyse benefits and co-benefits of potential carbon farming project 4.2 Analyse risks associated with the implementation of the carbon farming project 4.3 Present analysis to a stakeholder

Foundation Skills	
<i>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.</i>	
Skill	Description
Reading	<ul style="list-style-type: none"> Engage with documentation focussed on carbon farming funds and methods

Unit mapping information			
Code and title current version	Code and title previous version	Comments	Equivalence status
AHCCFP4X2 Identify opportunities and risks in carbon farming projects		New unit	No equivalent unit

Links	Companion Volumes, including Implementation Guides, are available at VETNet at: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72
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TITLE	Assessment requirements for AHCCFP4X2 Identify opportunities and risks in carbon farming projects
Performance Evidence	
<p>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, co-benefits and risks associated with a carbon farming project for a designated site, utilising at least one land-based method.</p>	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • land use and management information, such as information managed by Australian Bureau of Agricultural and Resource Economics (ABARES) • 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 accounting, aggregator • key questions to ask a carbon farming advisor or aggregator • markets for carbon credits, including the Emissions Reduction Fund (ERF). 	
Assessment Conditions	
<p>Assessment of skills must take place under the following conditions:</p> <ul style="list-style-type: none"> • specifications: <ul style="list-style-type: none"> • access to information about carbon farming methods and markets. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
Links	<p>Companion Volumes, including Implementation Guides, are available at VETNet at: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72.</p>