



**Australian Government**

# **AHCARB809 Develop an urban forest management framework**

**Release: 1**

# AHCARB809 Develop an urban forest management framework

## Modification History

Release	Comments
Release 1	This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 5.0.

## Application

This unit of competency describes the skills and knowledge required to develop an urban forest management framework for a specific geographic location incorporating policy documentation and urban forest management planning.

The unit applies to individuals with highly specialised advanced theoretical and technical knowledge for professional work and research in arboriculture. They exercise advanced cognitive, technical and communication skills and demonstrate complete autonomy, judgement and adaptability in research and analysis for complex problems.

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

## Pre-requisite Unit

The prerequisite unit of competency for this unit is:

- AHCARB806 Research urban forest performance.

## Unit Sector

Arboriculture (ARB)

## 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. Establish performance metrics and analyse resources	1.1 Investigate models of urban forest management 1.2 Establish key performance metrics and outcomes from client brief 1.3 Determine the data sets required for objectives of managing resources according to stakeholder needs

<b>Elements</b>	<b>Performance Criteria</b>
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Analyse urban forest resources 1.5 Determine agents and conditions affecting urban forest health 1.6 Analyse species spatial geography using geographical information systems (GIS) 1.7 Determine canopy density targets
2. Determine urban forest asset value	2.1 Determine objectives and outcomes of urban forest for the community 2.2 Determine asset value of trees and forest according to client brief and industry benchmarks 2.3 Perform cost-benefit analysis of forest assets 2.4 Analyse variation in asset value
3. Review policy documentation	3.1 Analyse and review urban forest policy documents for performance metrics and desired outcomes 3.2 Determine statutory, liability and risk issues affecting urban forests 3.3 Identify stakeholder requirements and perceptions 3.4 Evaluate extent of impact and outcomes of proposed policy documents 3.5 Record and report policy determinations on tree assets 3.6 Document an urban forest management policy
4. Develop and document management plan	4.1 Develop a conceptual framework for urban forest management 4.2 Develop street tree master plans according to client brief 4.3 Set vision and objective statements 4.4 Determine quantifiable goals 4.5 Establish and maintain inventories and databases according to client brief 4.6 Develop implementation and operational plans 4.7 Develop and document an urban forest management plan

## 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
Reading	<ul style="list-style-type: none"> <li>Identify and interpret information from complex texts, reports, maps and plans, including legislation and regulations, policies and procedures, to formulate strategies for the development of urban forest management plans</li> </ul>
Writing	<ul style="list-style-type: none"> <li>Create detailed planning documents that include selecting appropriate conventions and stylistic devices to convey precise meaning to the target audience</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AHCARB809 Develop an urban forest management framework	AHCARB802 Develop an urban forest management framework	Performance criteria clarified Foundation skills added Assessment requirements updated	Equivalent

## Links

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