



**Australian Government**

# **FWPFGM6203 Manage sustainable tree inventory**

**Release: 1**

# FWPFGM6203 Manage sustainable tree inventory

## Modification History

Release	Comment
1	Replaces superseded equivalent FPIFGM6203 Manage sustainable tree inventory which was first released with FPI11 Forest and Forest Products Training Package Version 2.2.

## Application

This unit of competency describes the outcomes required to develop a tree inventory plan to manage an inventory of forestry timber assets. The unit applies to those people who manage forests for enterprises but may also apply to people who have responsibility for sustainable tree management in urban or rural enterprises.

The unit applies to job roles including Forest Auditor, Forest Planner, Environmental Manager, Environmental Planner Forest Sustainability Manager And Sustainability Manager.

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

## Pre-requisite Unit

Nil.

## Unit Sector

Forest Growing and Management

## 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. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Conduct risk assessment for managing tree inventory	1.1 Research and analyse sustainable tree management requirements. 1.2 Identify resources and site characteristics. 1.3 Research and assess external influences on tree inventory.

<b>ELEMENTS</b>	<b>PERFORMANCE CRITERIA</b>
	1.4 Identify risks and potential outcomes related to identified resources and site characteristics and document risk management strategy.
2. Obtain approvals for development of tree inventory plan	2.1 Consult stakeholders and obtain support for development of tree inventory plan and management approach. 2.2 Obtain approval for identified inventory plan and management approach.
3. Prepare tree inventory plan for sustainable forest management	3.1 Identify administrative tools, physical resources and recording methodology. 3.2 Identify forest estate and associated management requirements. 3.3 Forecast required human and financial resources to manage inventory. 3.4 Establish quality assurance practices for collecting, documenting and verifying data. 3.5 Clearly document plan and communicate to appropriate personnel.
4. Manage the implementation of tree inventory plan	4.1 Explain inventory plan requirements and responsibilities to participating stakeholders. 4.2 Provide stakeholder support to ensure quality outcomes and objectives are met. 4.3 Monitor finances and resources and maintain record keeping systems. 4.4 Monitor risks and implement contingency management processes.
5. Evaluate tree inventory plan	5.1 Collect, analyse and store data about tree inventory in line with organisational procedures. 5.2 Identify and investigate variations in tree inventory outcomes and objectives. 5.3 Consult appropriate stakeholders on variation between desired results and actual outcomes. 5.4 Evaluate outcomes and processes against tree inventory plan. 5.5 Prepare recommendations for future plans based on consultation and analysis.

## Foundation Skills

<i>This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.</i>	
Numeracy skills to:	<ul style="list-style-type: none"> <li>Analyse complex numerical data involving areas, ratios, percentages, volumes, lengths and diameters.</li> </ul>
Oral communication skills to:	<ul style="list-style-type: none"> <li>Hold high-level consultative discussions to generate ideas for and negotiate content of tree inventory plans.</li> </ul>
Reading skills to:	<ul style="list-style-type: none"> <li>Interpret complex information in a range of source documents to research and develop tree inventory plans.</li> </ul>
Writing skills to:	<ul style="list-style-type: none"> <li>Develop and document comprehensive tree inventory plans.</li> <li>Report on effectiveness of inventory management approach and potential improvements including rationale for recommendations.</li> </ul>
Planning and organising skills to:	<ul style="list-style-type: none"> <li>Source, collect and organise a range of data to inform plan content.</li> <li>Plan and manage own timing and productivity to plan, implement and evaluate management of tree inventory.</li> </ul>
Technology skills to:	<ul style="list-style-type: none"> <li>Use a computer, keyboard and software to prepare plans and reports.</li> </ul>

## Unit Mapping Information

FPIFGM6203 Manage sustainable tree inventory

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>