



**Australian Government**

**ICTSUS602 Establish a business case for  
sustainability and competitive advantage in  
ICT projects**

**Release: 1**

# ICTSUS602 Establish a business case for sustainability and competitive advantage in ICT projects

## Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 2.0.

## Application

This unit describes the skills and knowledge required to seek business advantages by developing innovative and sustainable solutions in information and communications technology (ICT) project plans.

It applies to individuals who prepare planning, cost-benefit analysis and return on investment for the implementation of sustainable schemes at the enterprise level and who work with high-level specialist training skills and knowledge in optical telecommunications and IT networks using internet protocol (IP) systems.

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

## Unit Sector

Telecommunications – sustainability

## 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. Prepare information for establishing a business case	1.1 Evaluate proposed ICT project to determine scope and potential of sustainability integration 1.2 Research appropriate sources of information relevant to project to prepare business case 1.3 Analyse and evaluate expected goals of project and relate business

	<p>case to broader organisational goals</p> <p>1.4 Identify and consult with stakeholders to plan and validate options</p> <p>1.5 Identify and report on any assumptions and known constraints that can impact on project</p>
2. Produce business case for ICT sustainability project	<p>2.1 Evaluate critical success factors to determine vital strategy for project to successfully implement sustainability and gain competitive advantage</p> <p>2.2 Prepare cost-benefit analysis and estimate overall benefit obtained by introducing or improving sustainability in project</p> <p>2.3 Prepare estimate of costs over appropriate time period and determine potential of return on investment (RoI)</p> <p>2.4 Evaluate and analyse alternative options to determine benefits, disadvantages, costs and risks</p>
3. Produce business case documentation	<p>3.1 Validate options with stakeholders and determine recommended option</p> <p>3.2 Prepare implementation plan for recommended option for ICT project</p> <p>3.3 Produce executive summary of proposal, including consequences of not implementing sustainability activity</p>

## Foundation Skills

*This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.*

Skill	Performance Criteria	Description
Reading	1.2, 1.3, 2.1	<ul style="list-style-type: none"> <li>Analyses and evaluates complex textual information to determine technical solutions and to evaluate the benefits of improving or introducing sustainability</li> </ul>
Writing	1.4, 1.5, 2.2, 2.3, 3.1-3.3	<ul style="list-style-type: none"> <li>Prepares a business case for diverse audiences using precise language and specialised terminology to convey an understanding of outcomes and alternatives</li> <li>Uses specific language to record technical requirements and procedures</li> </ul>
Oral Communication	1.1, 1.4, 1.5, 3.1	<ul style="list-style-type: none"> <li>Clearly articulates and validates policy and strategy benefits for project requirements using specific language suitable for different audiences to convey requirements</li> </ul>

		<ul style="list-style-type: none"> <li>• Uses listening and questioning techniques to confirm understanding</li> </ul>
Numeracy	2.2-2.4	<ul style="list-style-type: none"> <li>• Uses mathematical formulae to analyse and confirm capacity requirements and to plan budgetary and workforce needs</li> </ul>
Navigate the world of work	1.3	<ul style="list-style-type: none"> <li>• Recognises and responds to both explicit and implicit organisational procedures and protocols</li> </ul>
Get the work done	1.1-1.3, 1.5, 2.1, 2.2, 2.4	<ul style="list-style-type: none"> <li>• Develops plans to manage relatively complex, non-routine tasks with an awareness of how they may contribute to longer term operational and strategic goals</li> <li>• Takes responsibility for own workload, negotiating some key aspects with others</li> <li>• Systematically gathers and analyses all relevant information and evaluates options to make informed decisions</li> <li>• Understands key principles and concepts underpinning the design and operation of digital systems and tools, and applies these when seeking to understand the potential of new technology</li> <li>• Uses analytical processes to decide on a course of action, establishing criteria for deciding between options</li> </ul>

## Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTSUS602 Establish a business case for sustainability and competitive advantage in ICT projects	ICTSUS6234A Establish a business case for sustainability and competitive advantage in ICT projects	Updated to meet Standards for Training Packages	Equivalent unit

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>

