

## **COSTPCBCA32.2**

### **Assess the sustainability of proposals in planning and conservation**



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#### **Overview**

This unit concerns the analytic process for assessing the sustainability of proposals. It involves the development of sustainability criteria and a detailed review of the options available.

It requires an understanding of the processes by which decisions are made on investments in conservation projects, the factors affecting these and the ability to seek and use these effectively.

You will need to identify criteria for assessing environmental sustainability and apply them to the selected development proposals.

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#### Performance criteria

#### Assess the sustainability of proposals

*You must be able to:*

- P1 identify the **requirements** for assessing the sustainability of proposals by examining policy documents and consulting experts
- P2 review the **factors** which will be included in the assessment and the **criteria** to be used for assessing its impact
- P3 consider **alternative solutions** which will improve environmental quality and increase sustainability
- P4 ensure that the significance of each **factor** is assessed
- P5 record the results of the findings of the review for future reference

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#### Knowledge and understanding

#### Assess the sustainability of proposals

*You need to know and understand:*

- K1 how to identify the **requirements** for assessing the sustainability of proposals (understanding)
- K2 how to ensure that the significance of each **factor** is assessed (application)
- K3 how and why to review the **factors** which will be included in the assessment and the **criteria** to be used for assessing its impact (analysis)
- K4 how and why to consider **alternative solutions** which will improve environmental quality and increase sustainability (analysis)
- K5 how to record the results of the findings of the review for future reference (application)

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#### **Scope/Range**

#### **Assess the sustainability of proposals**

- 1 Requirements:**
  - 1.1 meeting community obligations
  - 1.2 meeting legal obligations
  - 1.3 deciding on technical feasibility
  - 1.4 considering significant environmental issues and effects
  - 1.5 examining alternatives
- 2 Factors:**
  - 2.1 economic factors and resources
  - 2.2 environmental and ecological
  - 2.3 social views
  - 2.4 cultural values
- 3 Criteria:**
  - 3.1 advantages and disadvantages
  - 3.2 opportunities and constraints
  - 3.3 short and long term
- 4 Alternative solutions:**
  - 4.1 different locations
  - 4.2 different sites
  - 4.3 different layouts
  - 4.4 different methods and designs
  - 4.5 extending the use of existing resources or materials
  - 4.6 use of alternative resources or materials
  - 4.7 changes to implementation and phasing
  - 4.8 not carrying out the proposal
  - 4.9 reducing the scale of the proposal

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**Relevant occupations** Town planners; chartered surveyors (not quantity surveyors); building inspectors; construction project manager and related professions

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**Suite** Town Planning, Conservation and Building Control

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**Key Words** Planning; conservation; environmental impact

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