

COSTPCBCB51.1

Identify and assess significant factors influencing project proposals in conservation and building control



Overview

In this unit you will need to be able to research factors which may influence the project development. You will also need to be able to select potential solutions that meet the requirements of the project brief and advise the client on the most appropriate courses of action.

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Performance criteria

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- You must be able to:*
- P1 obtain information, options and proposal parameters which are relevant to the development of the project brief
 - P2 analyse the findings of investigations and identify **significant factors** which may influence existing and anticipated development
 - P3 format and collate data and conclusions from all areas of specialist research and project evaluation, and circulate the documents to project team members
 - P4 analyse the information available with the project team, and produce realistic proposal parameters which recognise significant **opportunities and constraints**
 - P5 agree recommendations with the project team
 - P6 assess the proposal parameters, circulate the assessment to the people responsible for project development, planning and scheduling
 - P7 select potential solutions for further development by the project team which appear to meet the requirements of the project brief and which resolve a significant number of constraints on development
 - P8 advise the client on the most appropriate courses of action where relevant

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Knowledge and understanding

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You need to know and understand:

- K1 how to obtain information, options and proposal parameters which are relevant to the development of the project brief (application)
- K2 how to format and collate data and conclusions and circulate documents to project team members (application)
- K3 how and why to analyse the findings of investigations (analysis)
- K4 how to identify **significant factors** which may influence existing and anticipated development (understanding)
- K5 how and why to assess the proposal parameters (analysis)
- K6 how to circulate the assessment of the proposal parameters to people who are responsible for project development, planning and scheduling (application)
- K7 how to produce realistic proposal parameters which recognise significant **opportunities and constraints** (application)
- K8 how and why to analyse the information available (analysis)
- K9 how and why to advise the client on the most appropriate courses of action (synthesis)
- K10 how and why to select project solutions for further development by the project team (evaluation)
- K11 how and why to agree recommendations with the project team (evaluation)

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Scope/Range

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- 1 Significant factors:**
 - 1.1 sustainability
 - 1.2 security
 - 1.3 disability access
 - 1.4 standardisation
 - 1.5 adaptability/flexibility
 - 1.6 stakeholder requirements
 - 1.7 design and design quality
 - 1.8 community
 - 1.9 procurement
 - 1.10 physical and site
 - 1.11 resources
 - 1.12 construction, installation and buildability
 - 1.13 regulatory
 - 1.14 health and safety
 - 1.15 cost (including whole life)
 - 1.16 environmental;
 - 1.17 heritage
 - 1.18 contamination
- 2 Opportunities and constraints:**
 - 2.1 project type, purpose, location
 - 2.2 durability
 - 2.3 occupancy
 - 2.4 significance/status
 - 2.5 legal and regulatory constraints
 - 2.6 physical and technical constraints
 - 2.7 health and safety
 - 2.8 anticipated development timetable
 - 2.9 environmental quality and sustainability
 - 2.10 lifecycle
 - 2.11 use
 - 2.12 buildability
 - 2.13 new materials and technologies
 - 2.14 skills available

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Suite Town Planning, Conservation and Building Control

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