

Strategic objectives

Business case

- Land enablement
- Regulatory framework
- Political feasibility
- Industry feasibility
- Environmental feasibility
 - Physical
 - Socio-economic
 - Cultural
- Urban framework
- Stakeholder analysis
- Risk analysis
- Resource analysis
- Time analysis
- Legal requirements
- Parameters for life-cycle costs

Statutory / regulatory approvals

- Speed requirements
- Phasing / process
- Construction methodology
- Complexity
- Technology
- Logistics

Detailed cost estimate

Economic viability study



Product development

Legal analysis & framework

concept

development

implementation

close-out

Design stage 1

Design stage 2

Design stage 3

Design stage 4

Abandon / refine project

Abandon / refine project

Abandon / refine project

Resolve patent defects

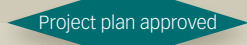
Administration close-out

knowledge management



Risk analysis

Project plan



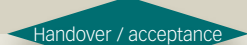
Detailed design & technical documentation

Contractor solicitation

Bid acceptance

Construction

Practical completion



Occupation / Operation

Post implementation audit