CONSTRUCTION SCIENCE
Main Contractors, Developers, Engineers, Architects, Consultancies

STAGES 0-1
Development of initial business strategy – building blocks to shape business

STAGES 2-4
Construction; project management; risk management; change control

STAGES 5-6
Commission of work; handover; completion; quality assurance

STAGE 7
In use

BIM ISO 19650-2

Stages

1. Strategic advisory services
2. Pre-construction
3. Post-construction
4. Construction
5. Employer engagement/strategic advisory services

These stages are for a single project or a package of work within a portfolio. The stages can be used by a single specialist or a team comprising specialists.

1. Strategic Advisory Services

- Appointing and managing consultants
- Developing strategies for innovation; materials and technologies
- Selecting and procuring materials
- Developing circular economy strategies
- Developing bespoke knowledge & training strategies
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2. Pre-construction

- Commissioning; project management; risk management; change control
- Developing strategies for innovation; materials and technologies
- Selecting and procuring materials
- Developing circular economy strategies
- Developing bespoke knowledge & training strategies
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3. Post-construction

- Commissioning; project management; risk management; change control
- Developing strategies for innovation; materials and technologies
- Selecting and procuring materials
- Developing circular economy strategies
- Developing bespoke knowledge & training strategies
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4. Construction

- Commissioning; project management; risk management; change control
- Developing strategies for innovation; materials and technologies
- Selecting and procuring materials
- Developing circular economy strategies
- Developing bespoke knowledge & training strategies
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5. Employer Engagement/Strategic Advisory Services

- Commissioning; project management; risk management; change control
- Developing strategies for innovation; materials and technologies
- Selecting and procuring materials
- Developing circular economy strategies
- Developing bespoke knowledge & training strategies
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The above Lifecycle stages are based on the RIBA Plan of Works.