

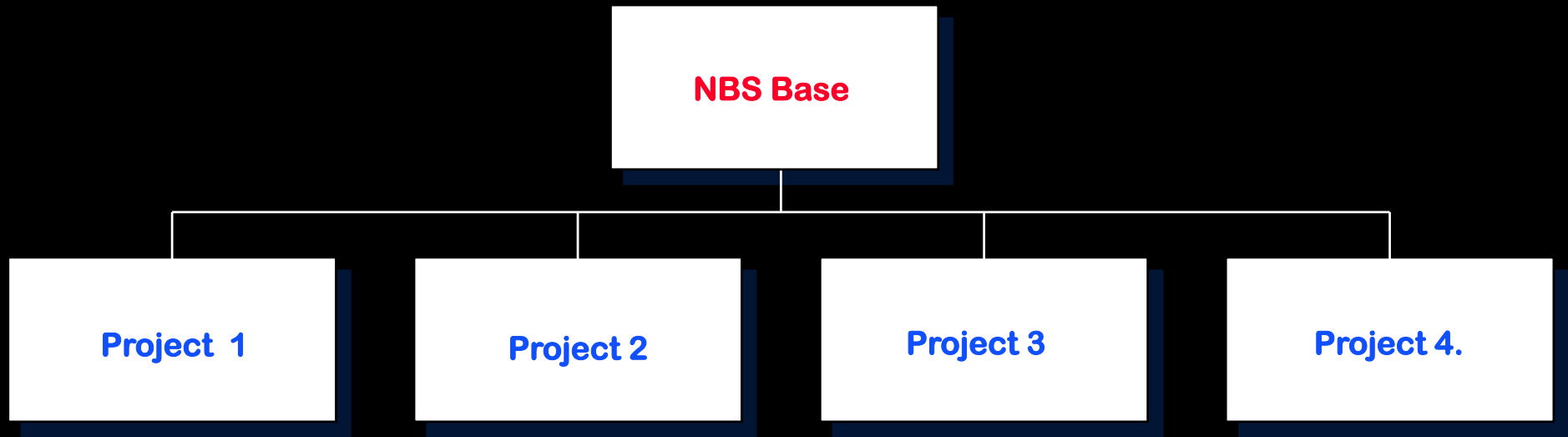


# NBS Building Diagrams



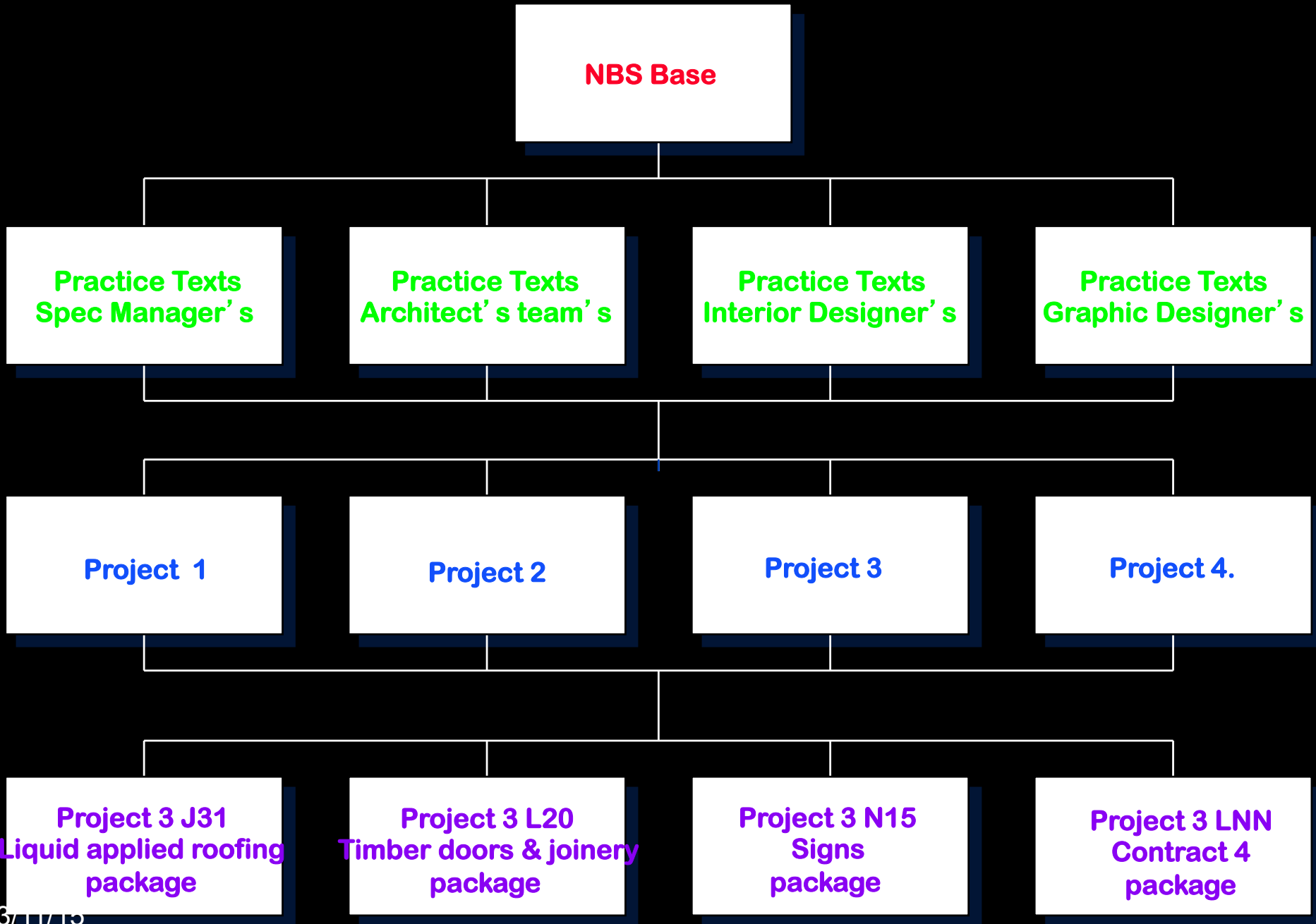
# How NBS Building is used:

- Many practices start project specifications from scratch each time
- Not learning from any past projects
- Inefficiencies persist
- Inconsistency persists
- Project experience lost to next projects
- Individual knowledge and skills not built upon
- This even happens in dedicated project spec teams (E.g. CT, SEH)



# How NBS Building works:

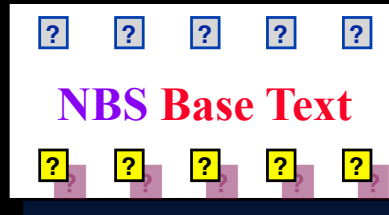
- Application of Templates in software
- Link templates in a hierarchy
- To ensure efficiency of effort



# How NBS Building can work:

- Templates
- Hierarchy
- Inheritance
- Linkages

Unselectable at **NBS Base**



Parent of **Practice Text**

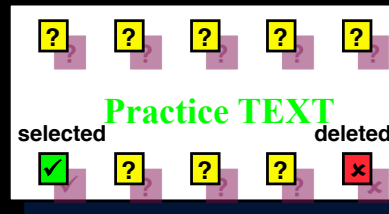
Unselectable at **NBS Base**

**Practice Text** Inherits from **NBS Base**

Unselected from **NBS Base**

Child of **NBS Base**

Selected at **Practice Text**



Unselected from **NBS Base**

Parent of **Project**

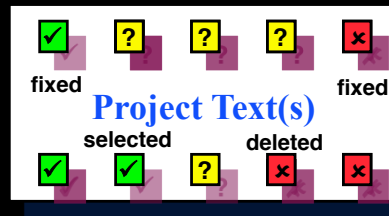
Deleted at **Practice Text**

**Project** Inherits from **Practice Text**

Fixed at **Project**

Child of **Practice Text**

Fixed thereafter



Fixed at **Project**

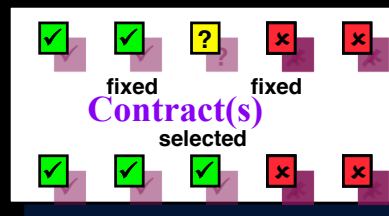
Parent of **Contract**

Fixed thereafter

**Contract** Inherits from **Project**

Can not be deleted

**Project**

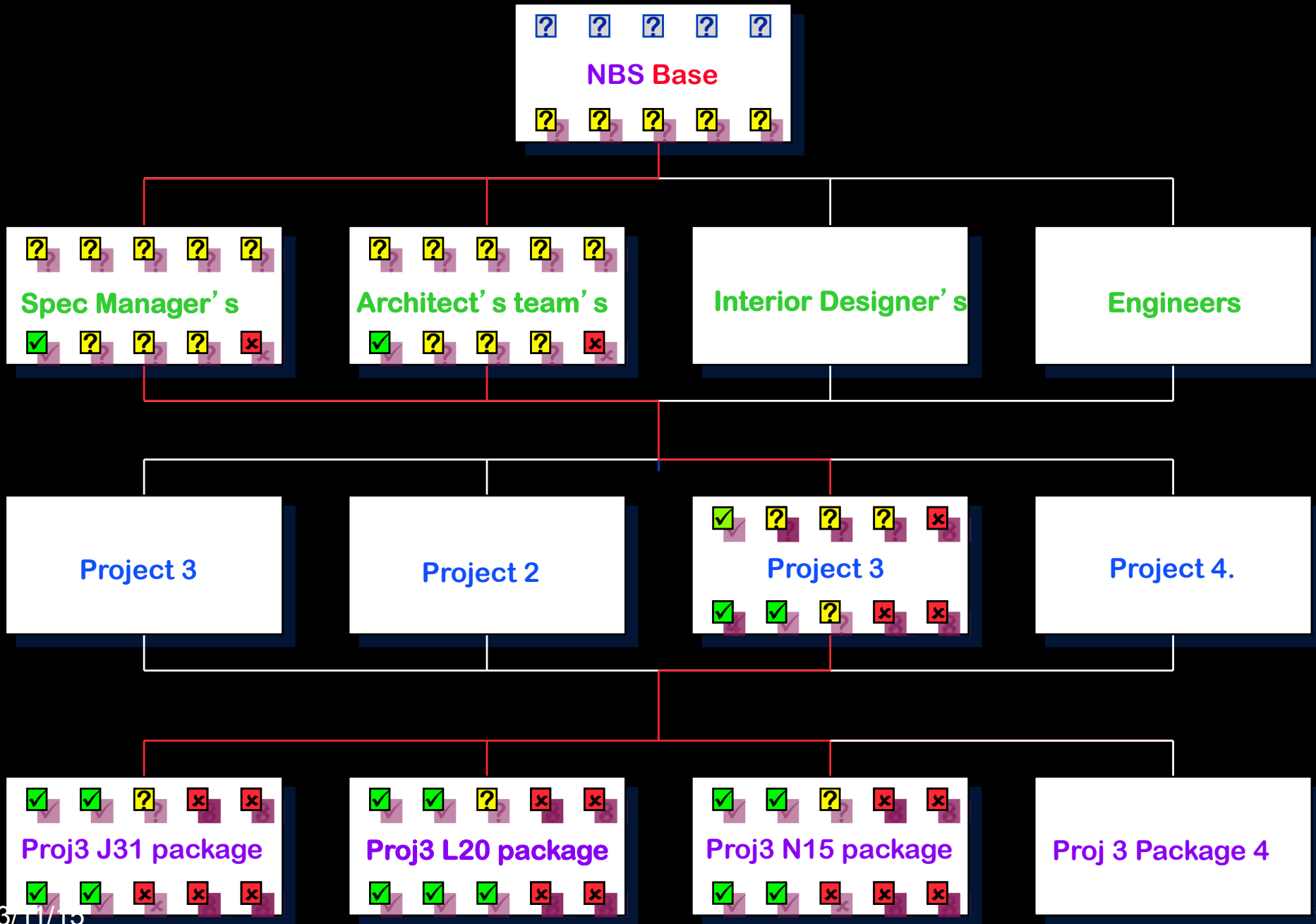


Can not be selected

# How NBS Building works:

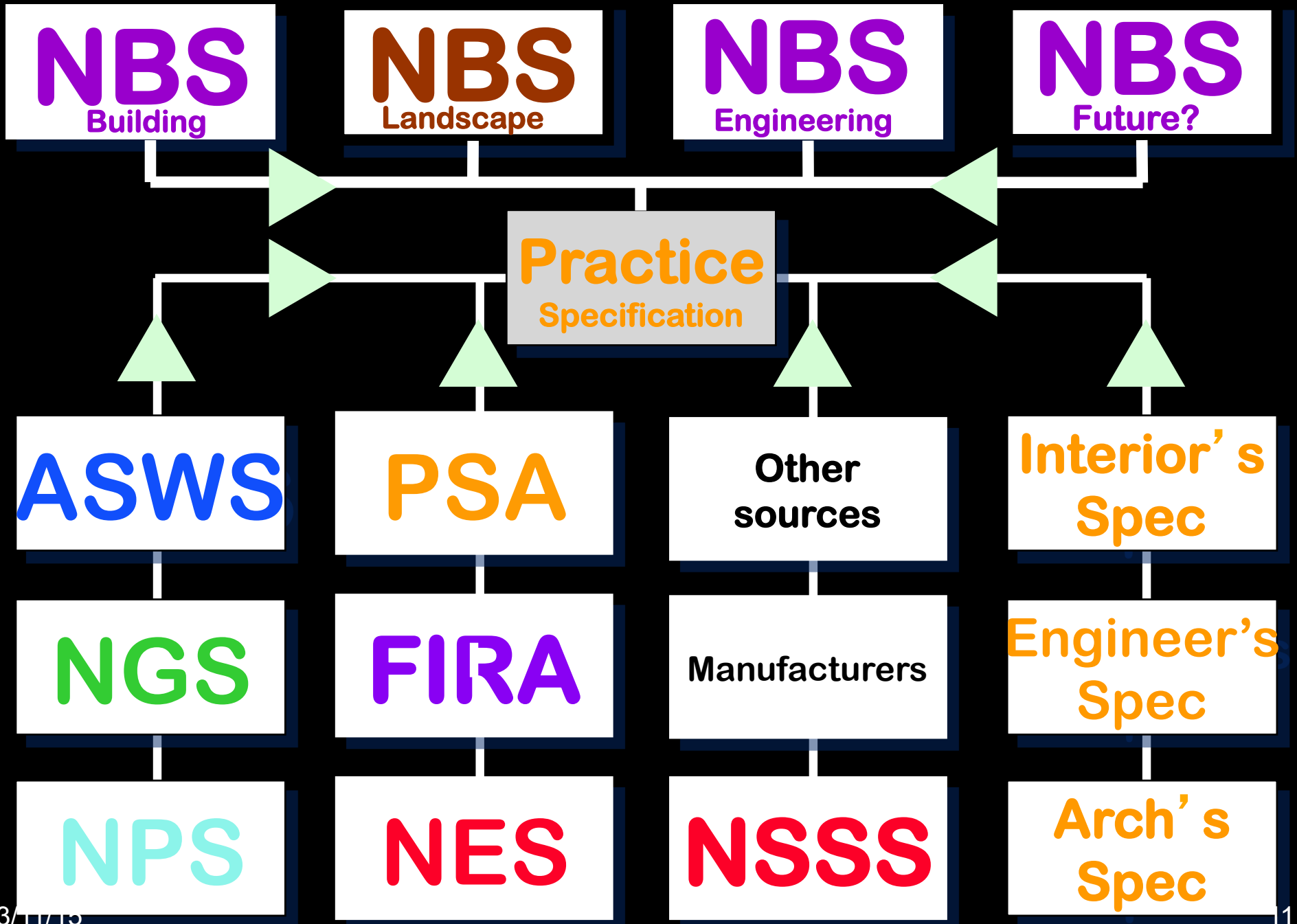
- Editing at each level in hierarchy





# How NBS Building can work:

- Possible sources of information in addition to NBS:
  - ASWS work sections or embellishment of NBS
  - GBS work sections and product specifications
  - NES National Engineering Specifications (M&E)
  - PSA Property Services Agency (1991)
  - SPAB Conservation Spec
  - FIRA Furniture Spec,
  - SGD Landscape Spec,
  - TRADA Timber spec, NSSS, MoT,
- All these specifications can be used to create the Office Specification Template



# How NBS Building can work:

- Options on how templates can be used
- Different practices and their workload can dictate how this is done

**NBS**

SPECIFICATION

Practice  
Spec

Project

Client

Building type

Procurement  
methods

Contract

Building type

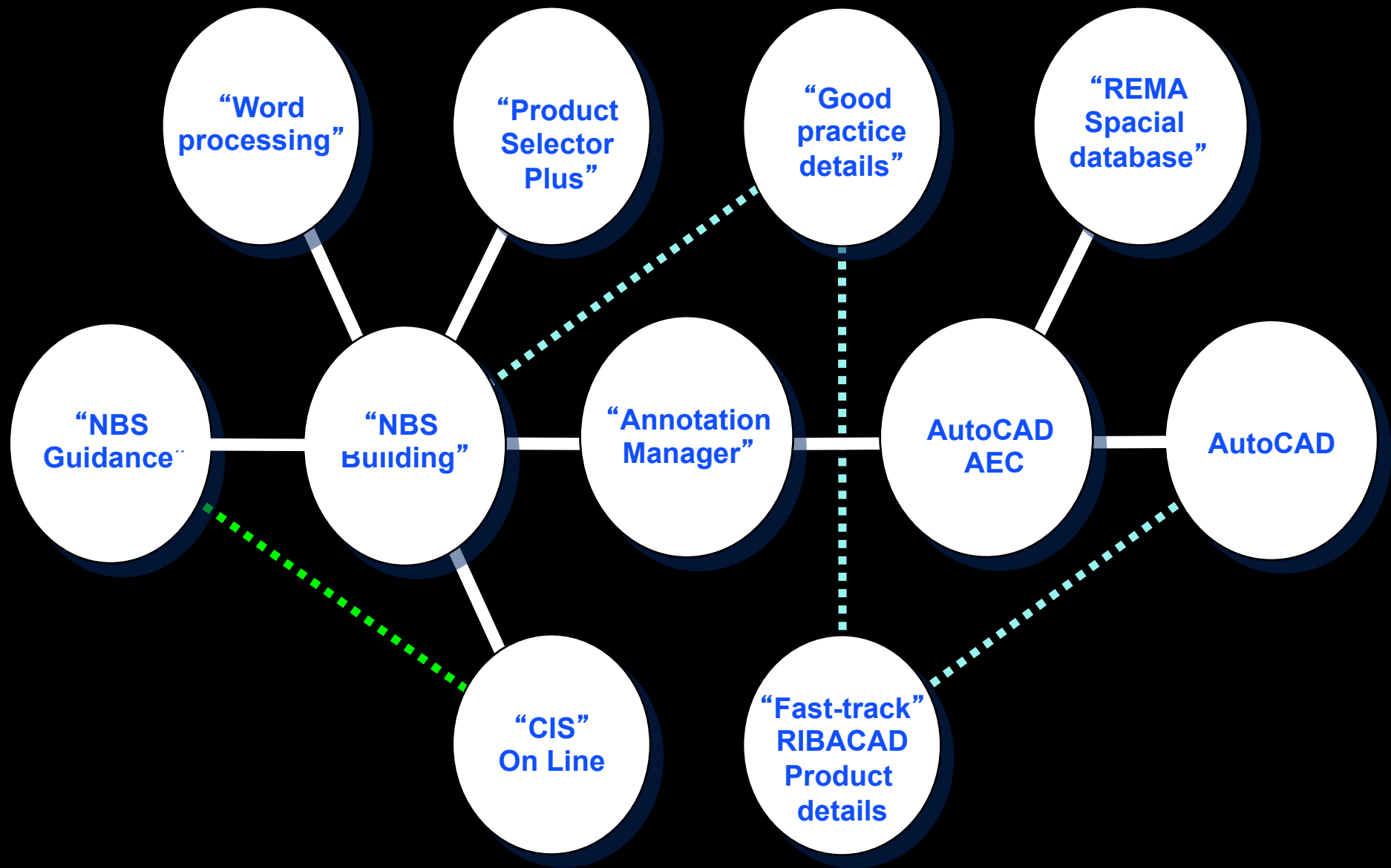
Project

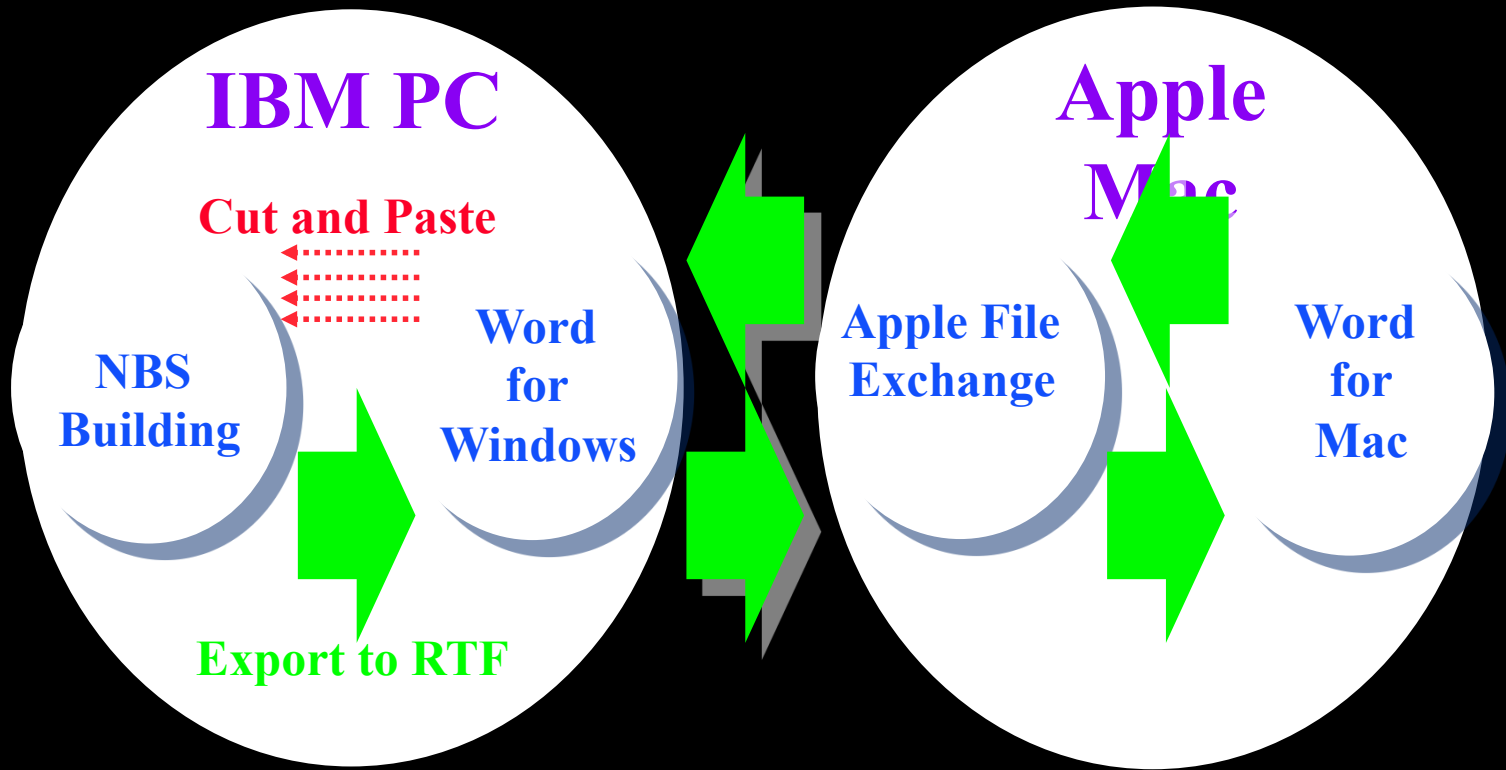
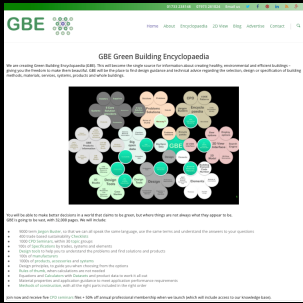
Project

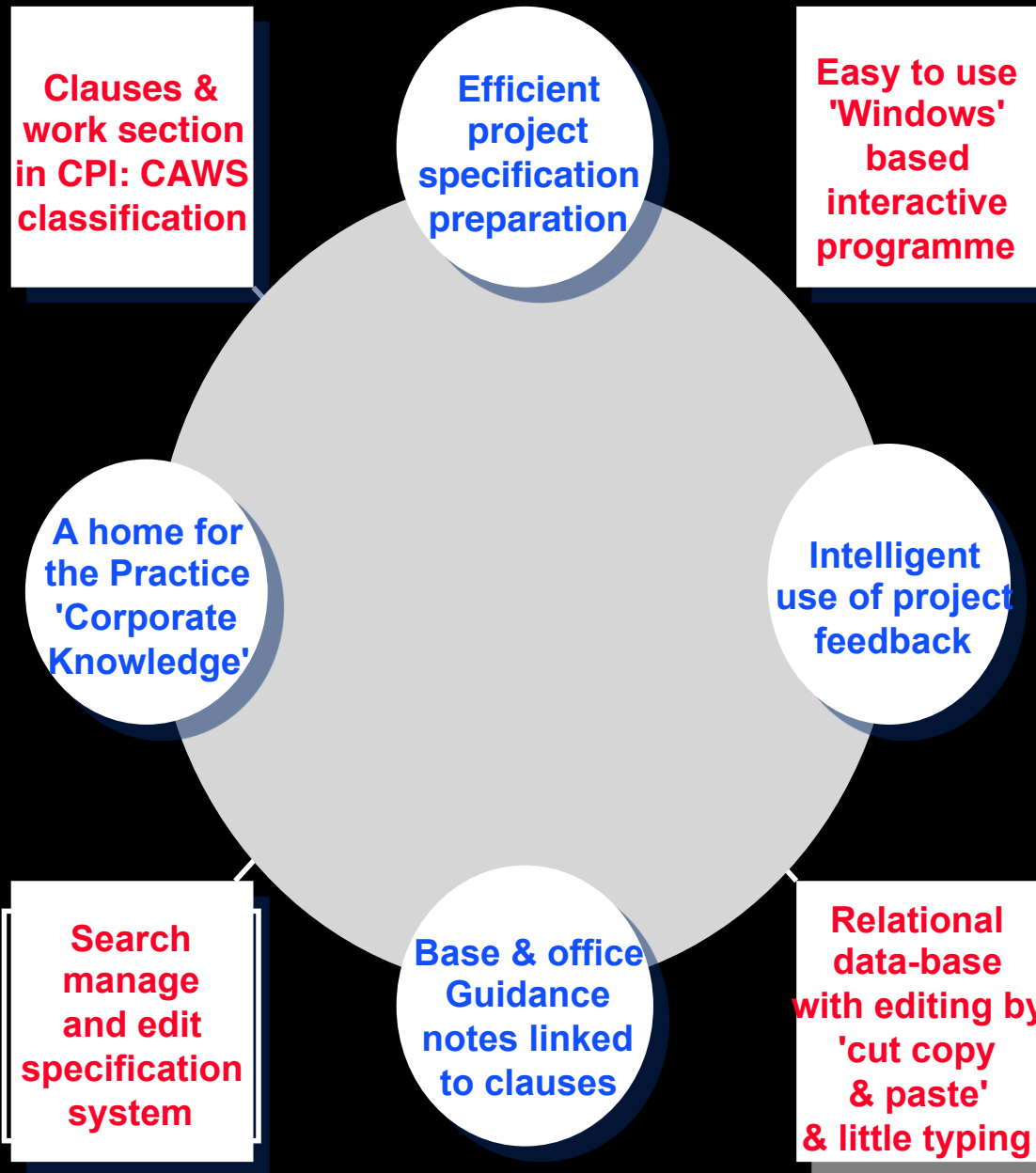
Project

Contract

Contract







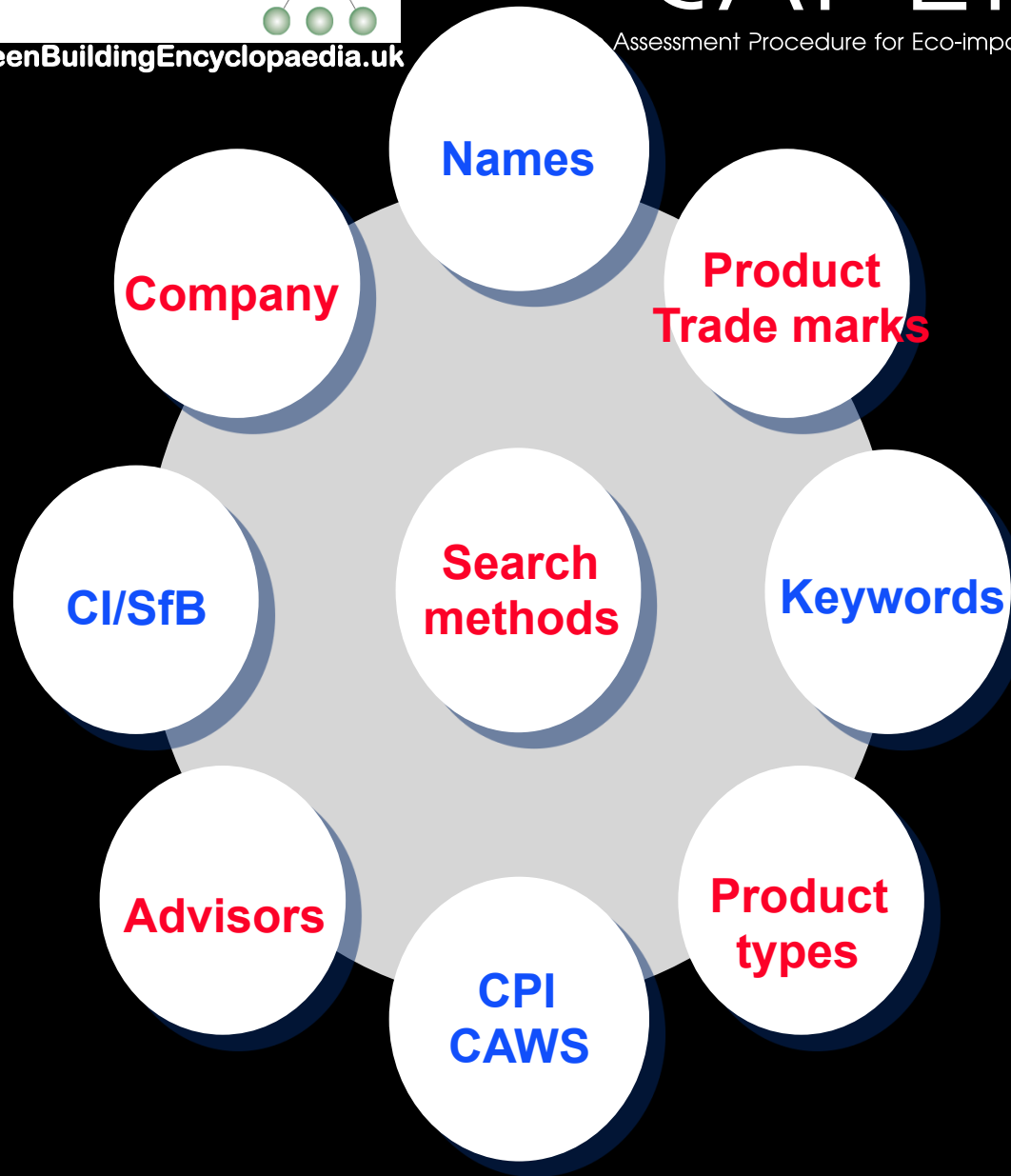




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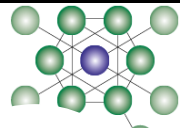


Assessment Procedure for Eco-impacts of Materials



GBE Green Building Encyclopaedia

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Investing in Opportunities

INTERREG IVB

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**A**  
Inception

**B**  
Feasibility

**C**  
Outline  
Proposal

**D**  
Scheme  
Design

**E**  
Detail  
Design

**F**  
Production  
Information

**G**  
Bills of  
Quantities

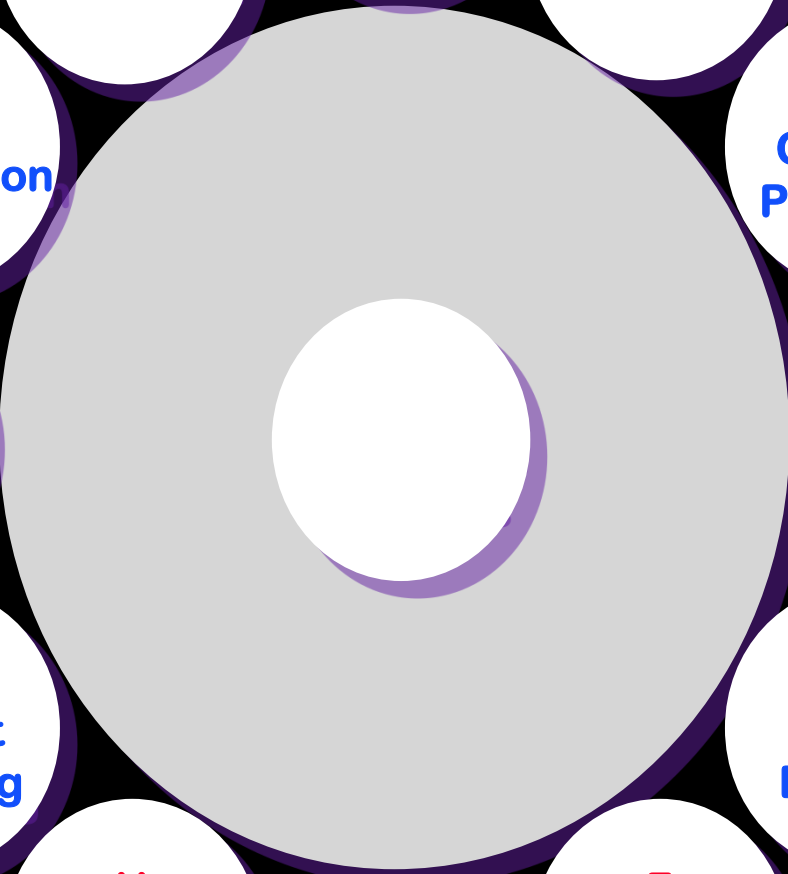
**H**  
Tender  
Action

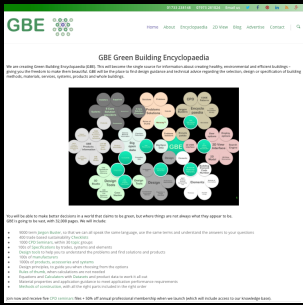
**J**  
Project  
Planning

**K**  
Operations  
on site

**L**  
Completion

**M**  
Feedback



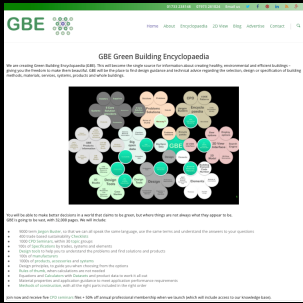


Cycle Assessment Procedure for Eco-impacts of Materials



# Specification: at what stage?

RIBA Plan of Work  
Stages 0 to 7 (or 8)



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Cycle Assessment Procedure for Eco-impacts of Materials

