

Figure 1: Stages of the development of the Green-BIM Assessment (GBA) framework

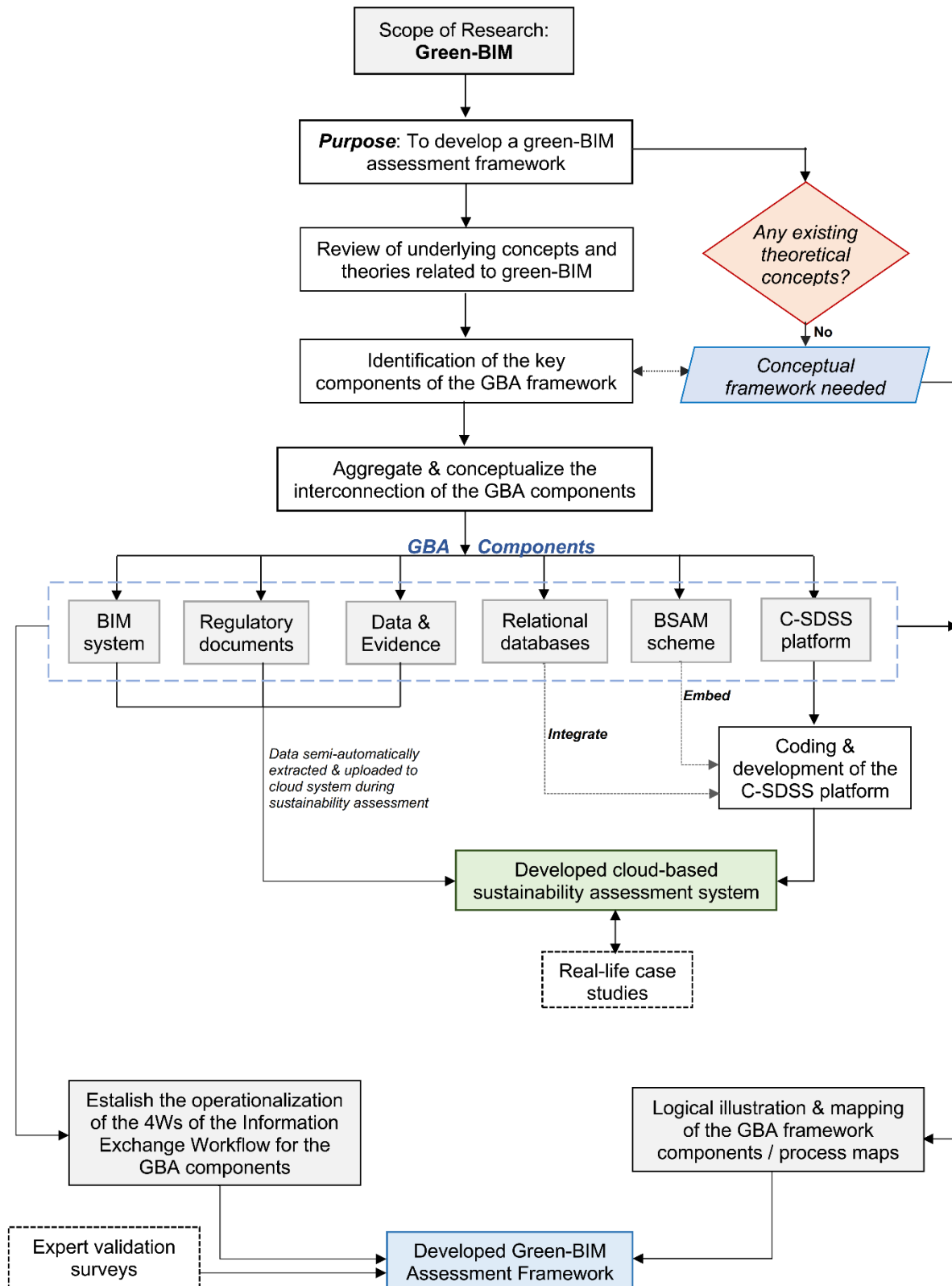


Figure 2: Outline of the research design

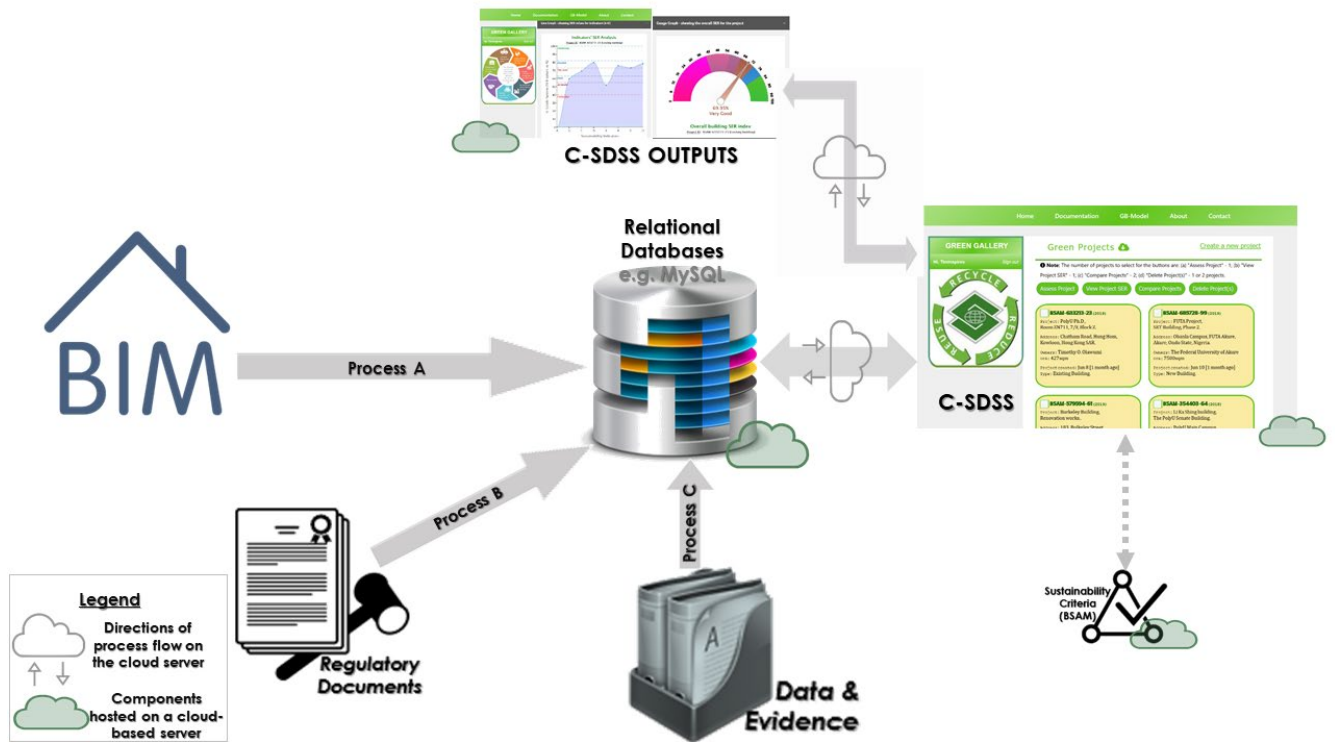


Figure 3: Components of the proposed GBA framework

Note: The thick arrows, such as the arrows indicating the process flow from BIM, regulatory documents, and data & evidence components to the relational databases, and represents the process maps A, B, and C, respectively.

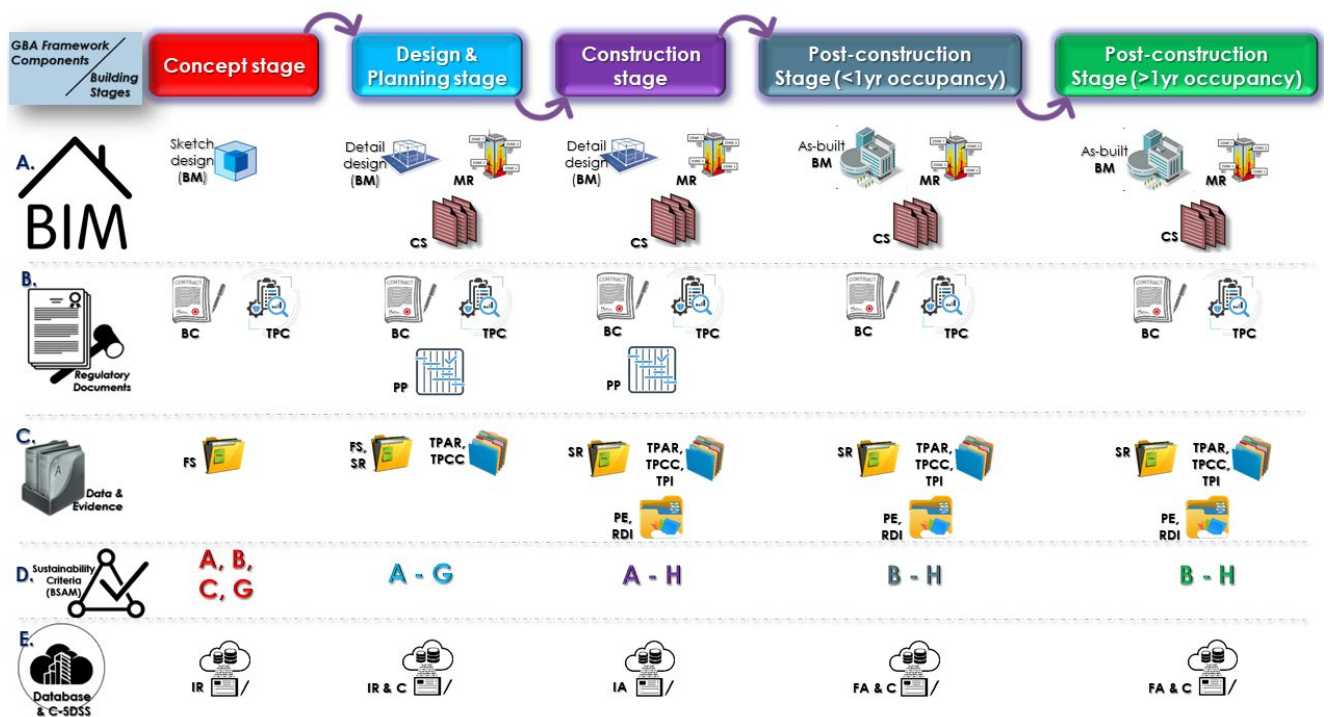


Figure 4: Data required by each component of the GBA framework at the various stages of building development

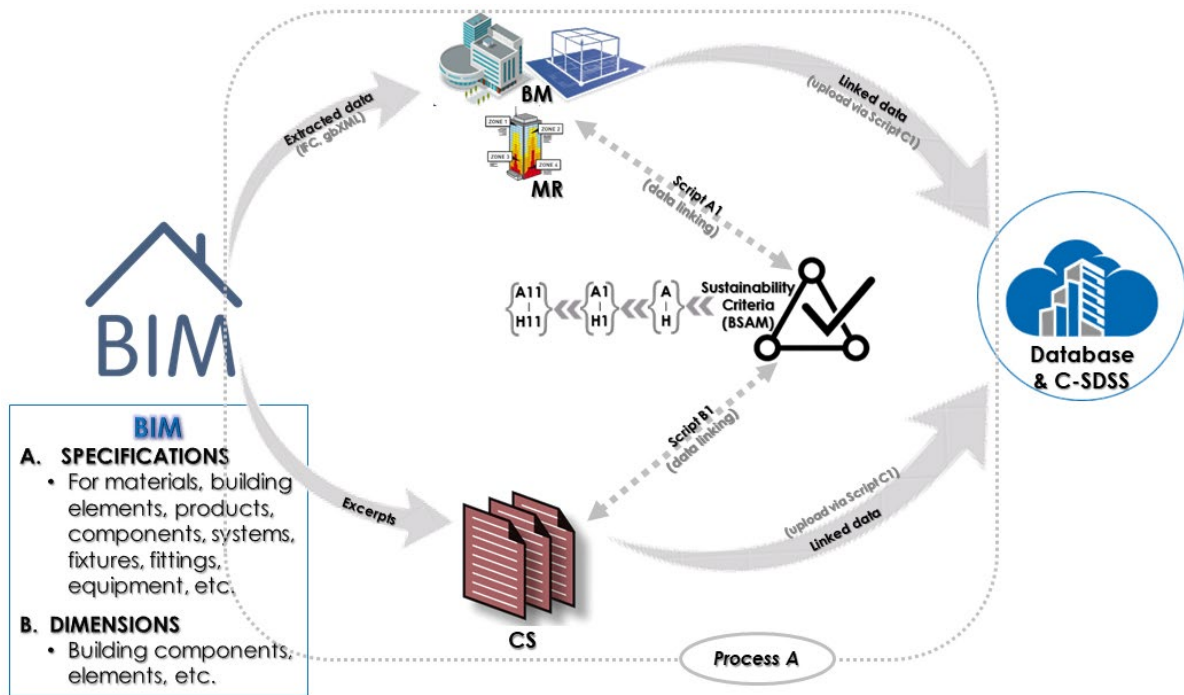


Figure 5: Process map for the BIM System of the GBA framework

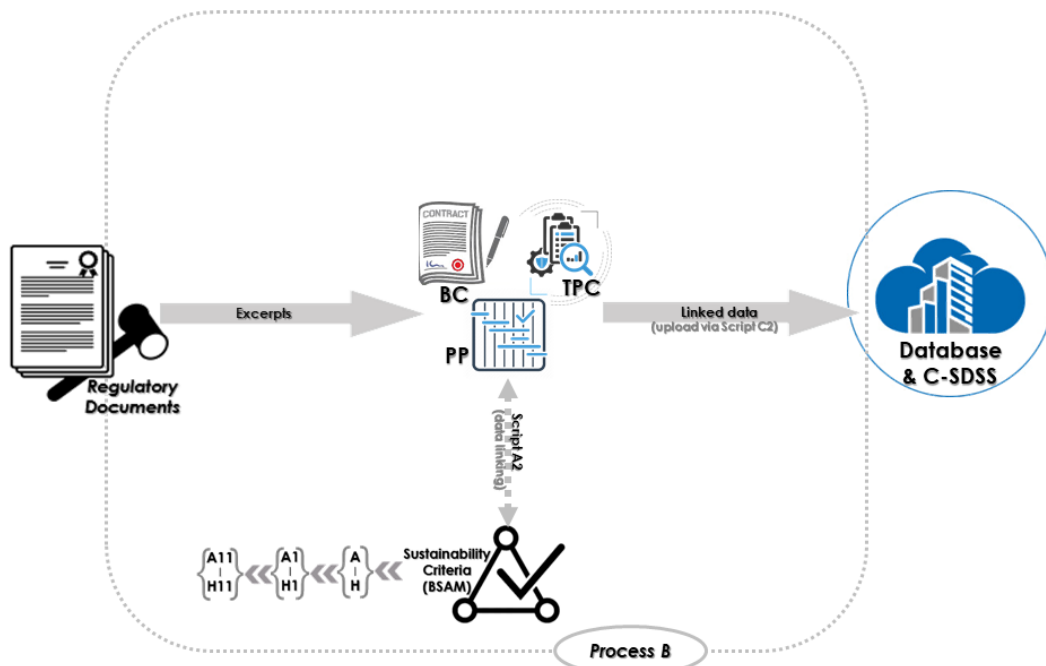


Figure 6: Process map for the Regulatory Documents of the GBA framework

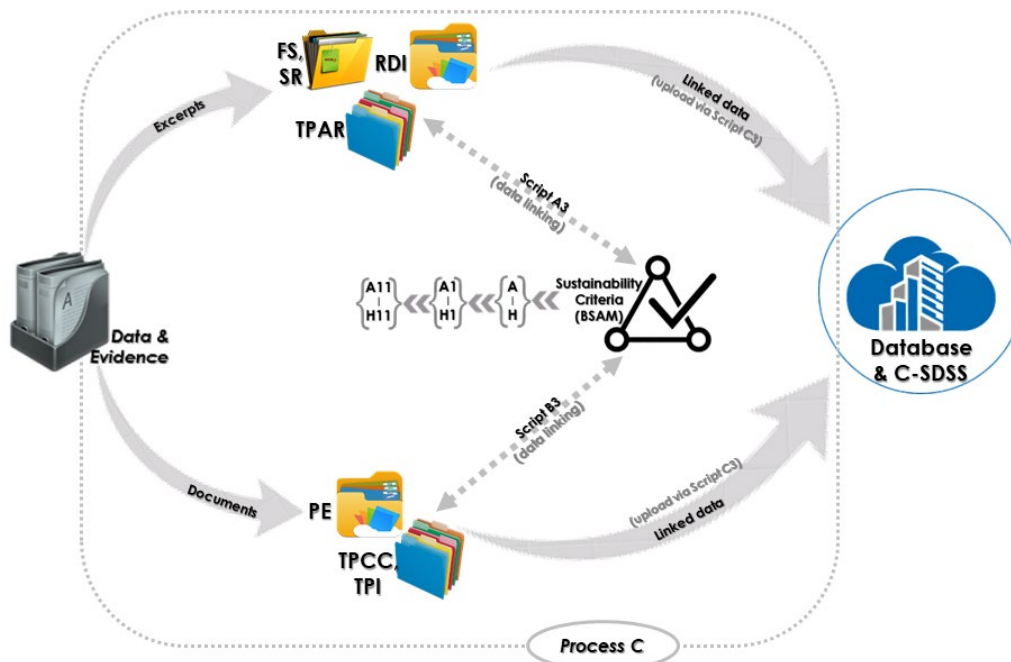


Figure 7: Process map for the Data and Evidence component of the GBA framework

The screenshot shows the 'Building Classification' interface of the C-SDSS system. The header includes navigation links: Home, Documentation, GB-Model, About, and Contact. The main content area is titled 'GREEN GALLERY' and 'Building Classification'. It includes a 'Sign out' link and a 'Projects' link. A note explains the classification types: 'New buildings' (less than 12 months after occupancy) and 'Existing buildings' (after 12 months of occupancy). There are checkboxes for 'New Building' and 'Existing Building', with 'Existing Building' selected. A 'Start Assessment' button is at the bottom.

Figure 8: The C-SDSS system's project assessment interface