

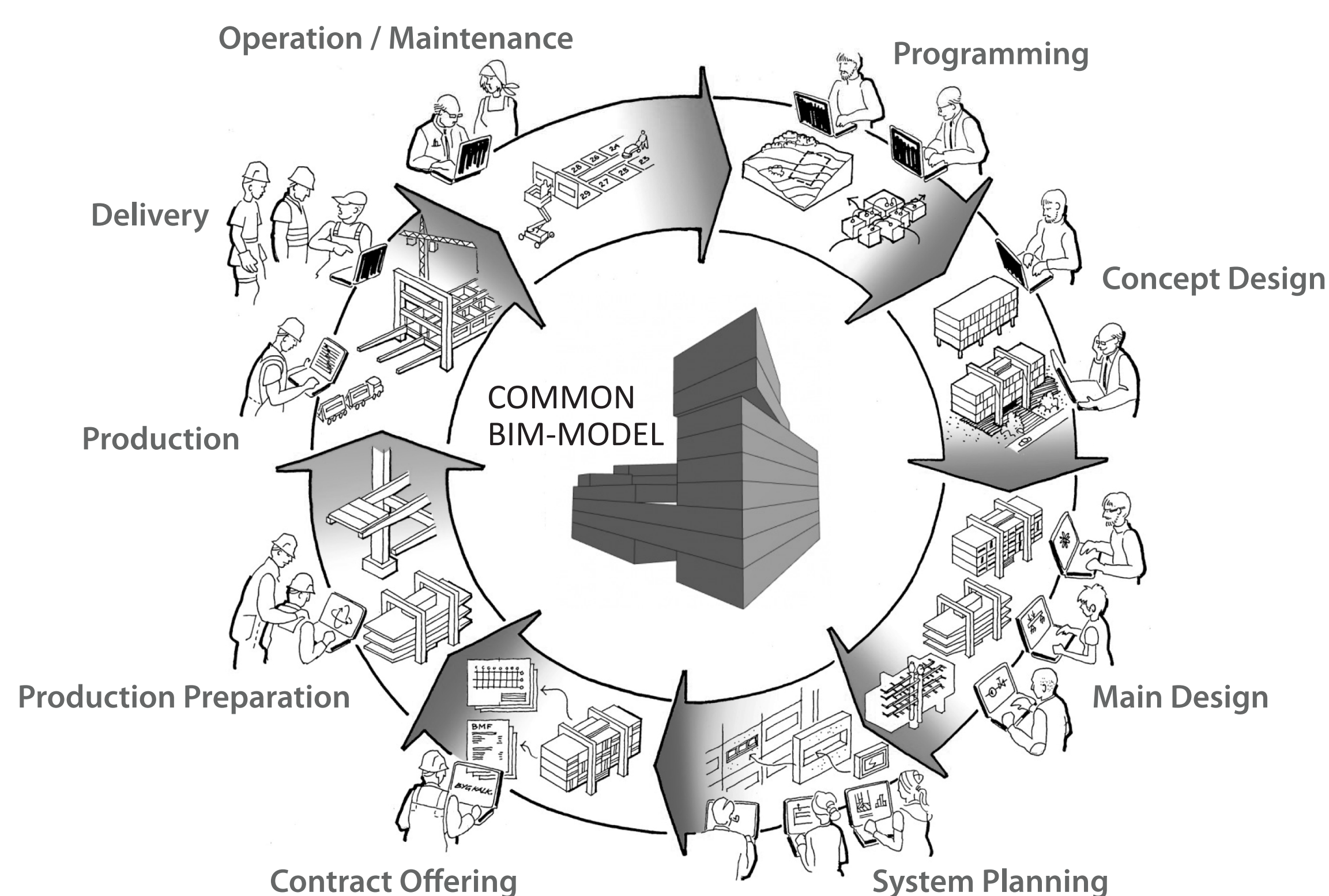
# Building Information Modelling (BIM)

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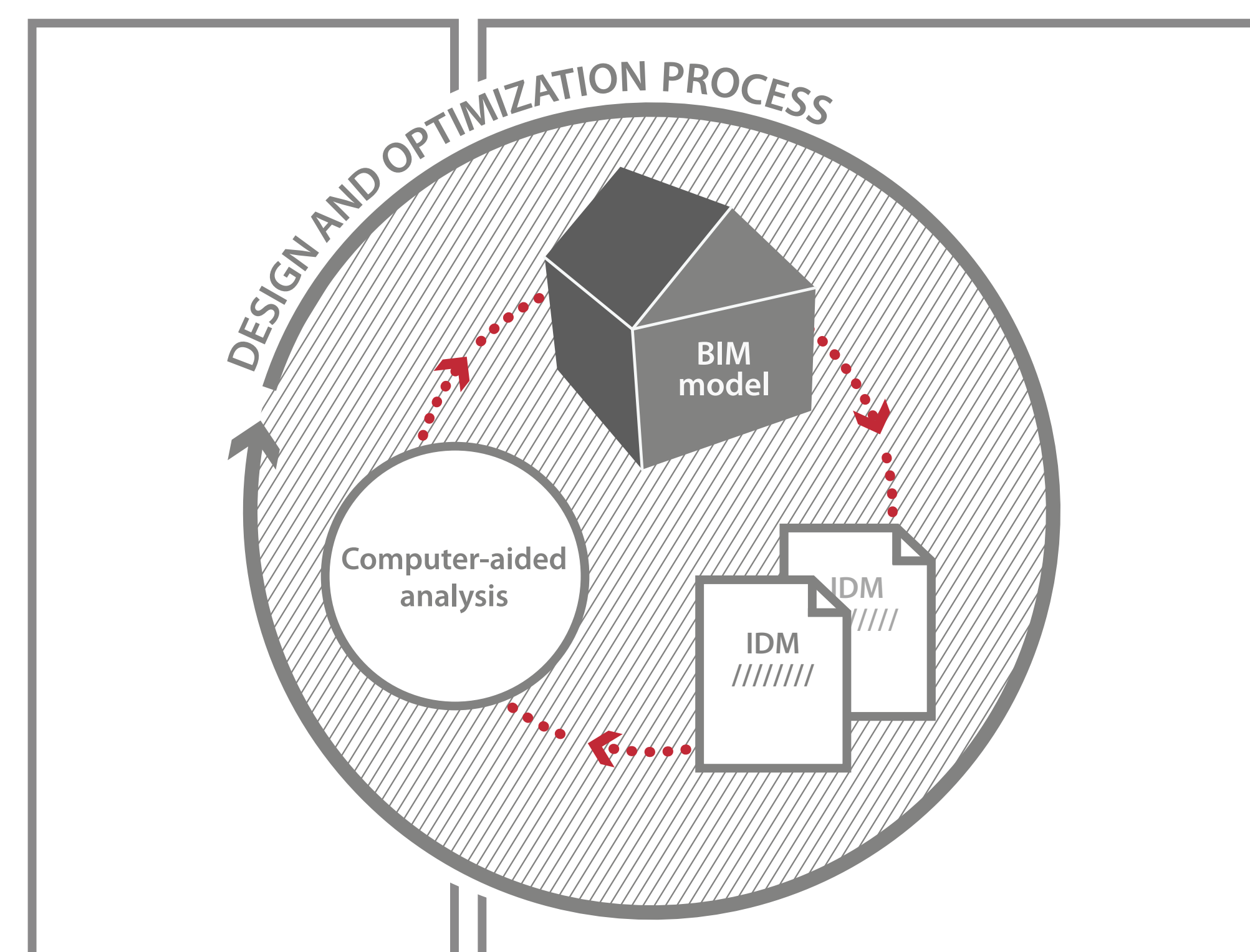
**Building Information Modelling:** BIM represents a new approach within the Architecture, Engineering, and Construction (AEC) industry, one that encourages collaboration and engagement of all stakeholders on a project. BIM can be viewed as a digital process that includes all aspects, disciplines, and systems of a building – from design development to operation and maintenance.

**BIM process:** The BIM process requires a high level of communication and understood work flows to support its fullest capabilities. Therefore, a common understanding is needed. This is achieved by using Information Delivery Manuals (IDMs). IDMs provide the integrated reference for process and data required by BIM for specific computer-aided analyses.

## \*BIM process



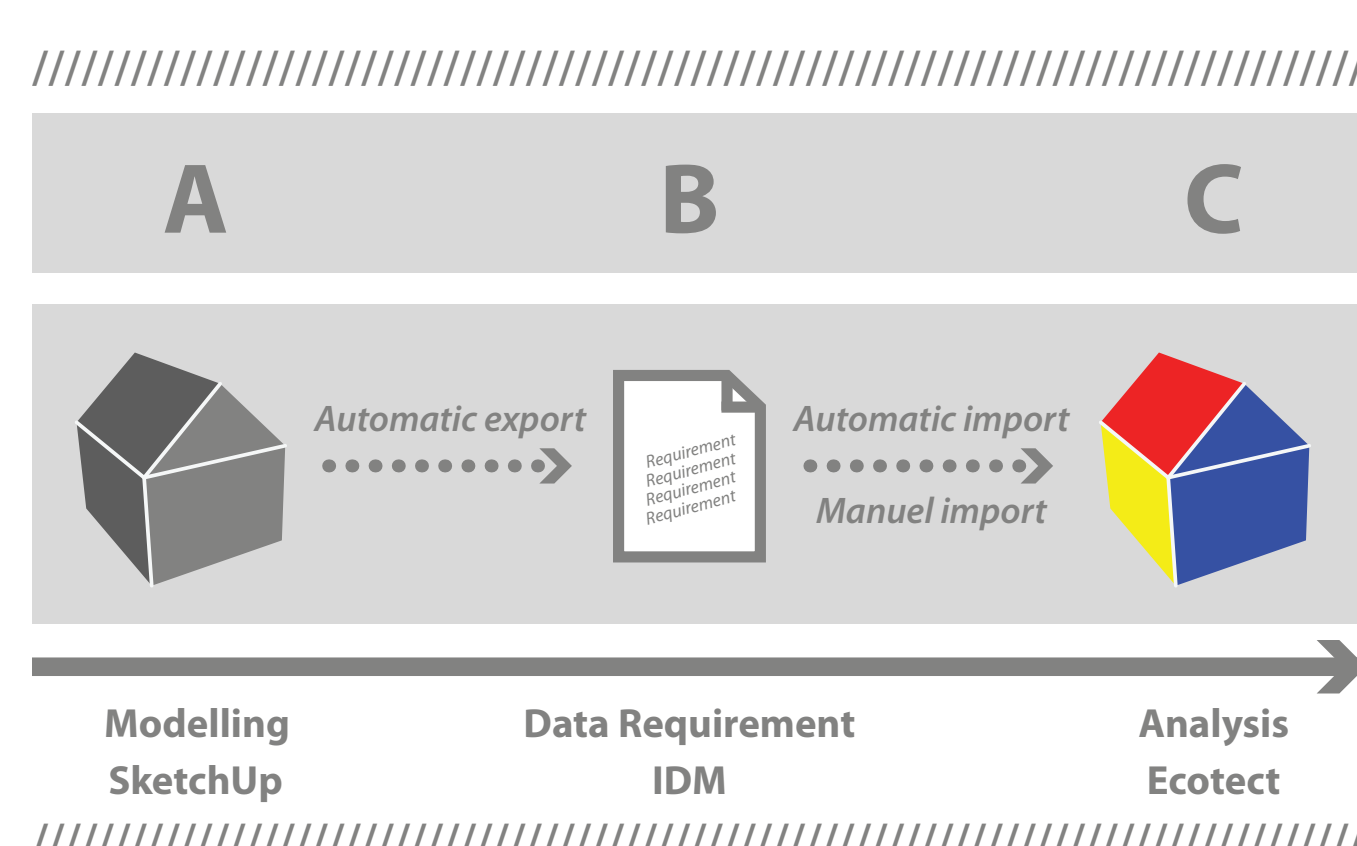
## \*IDM process



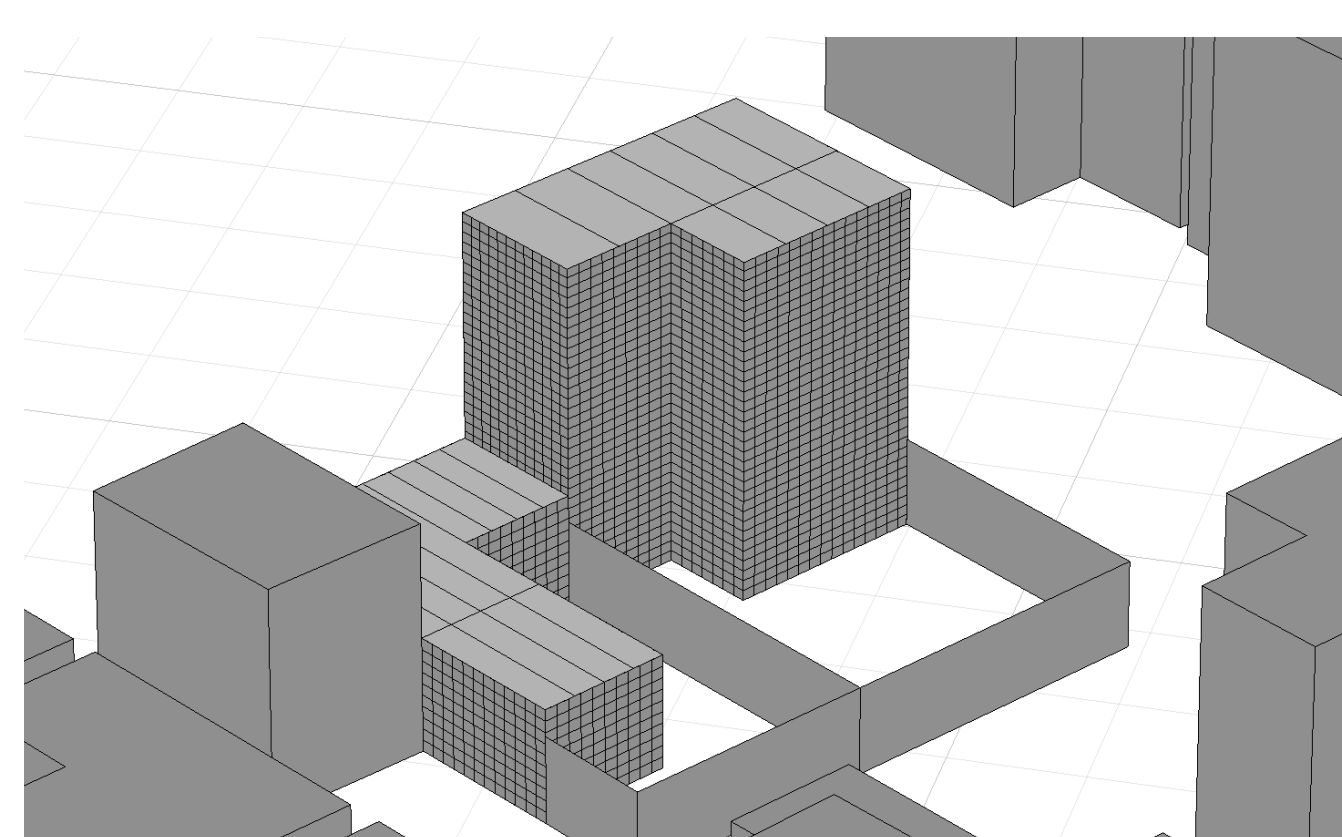
## \*Key benefits

- Sustainable BIM adoption will improve project communication, allowing stakeholders to collaborate more effectively and more accurately.
- BIM is by nature multidisciplinary. Therefore, BIM brings project members together, creating constant communication.
- BIM-model servers can be used as online databases throughout the life of the building, communicating information to all project members involved.

## \*Process



## \*Modelling



## \*Analysis

