# BIM SERVICE PACKAGE –
BUILDING INFORMATION MODELLING

What is BIM?

BIM is a holistic method for creating and managing building project data. The key advantage of BIM-based working is its ability to bring data, workflows and teamwork together throughout the process, from the planning all the way through to the completion. This means that it is not only possible to optimise the work processes, but also the results.
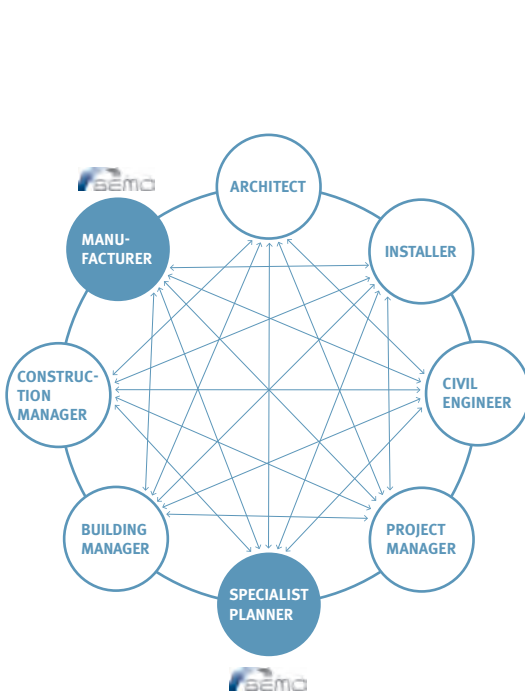
Communication and exchange of information
without BIM integration
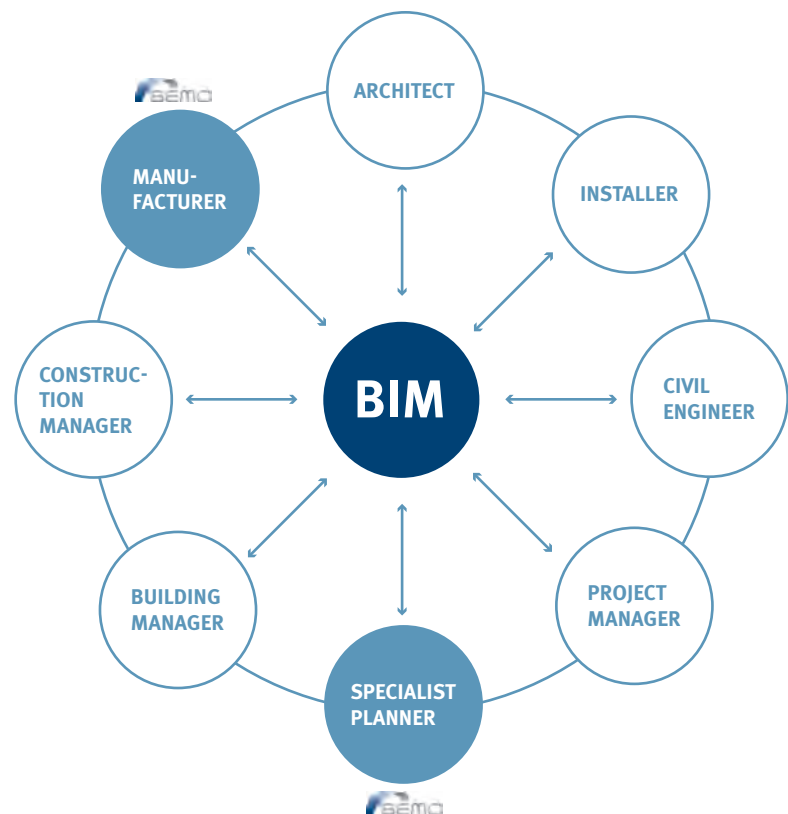
Communication and exchange of information
with BIM integration

As a manufacturer and an innovative engineering office, BEMO integrates itself into your BIM process and supports you during the LOD100 to LOD400 phases.
Would you like to optimise your planning process?
With our longstanding experience in engineering worldwide projects, we are a valuable partner for you.

BEMO SYSTEMS GmbH
Max-Eyth-Straße 2
74532 Ilshofen-Eckartshausen

T: +49 7904 29899-60
E: sales@bemo.com
W: www.bemo.com

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LOD phases 100–400

From the early design to the final execution stage for the individual steps, an LOD value (level of development or level of detail) is assigned to the increasing information requirements of the BIM models. The LOD designates the level of detail of the information content and defines the characteristics of the digital building project models.

LOD 100

Already in the design stage, we provide you with relevant information such as the details, system solutions and BIM product data.
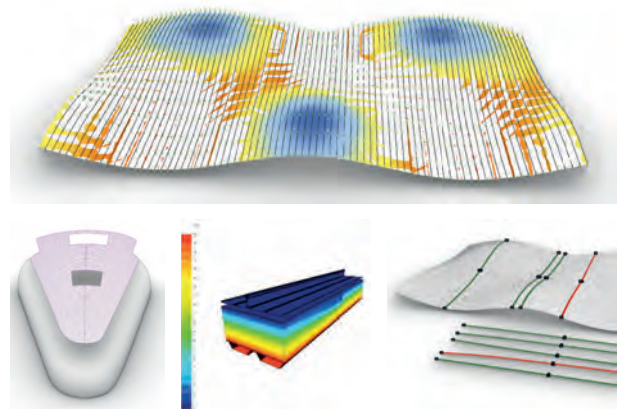
- BIM data details
- System solutions
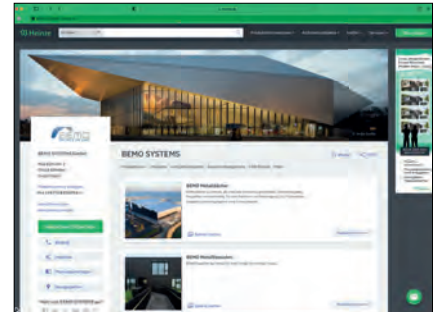
LOD 200

Feasibility analyses, heat transition coefficient calculations, STC and / or dB value analyses and calculations as well as static pre-dimensioning help to identify critical points as early on as the design planning stage.

- Visualisation + analyses
- Optimisation

LOD 300

During the stage of execution planning, we are pleased to support you with the finalising of the dimensions, the preliminary material bill of quantities as well as the early identification of potential clashes.
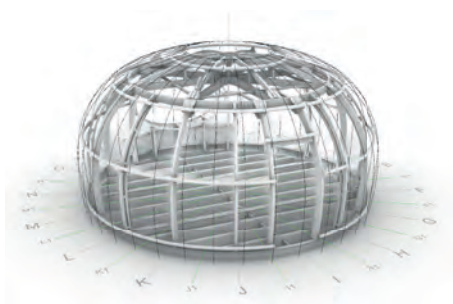
- Quantity take-off
- Feasibility optimisation

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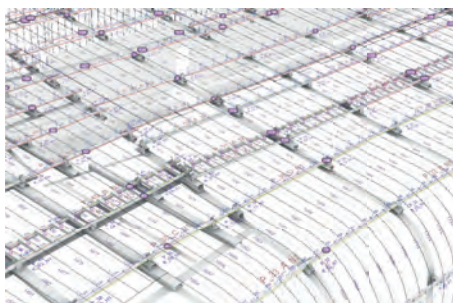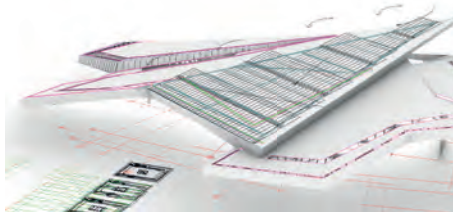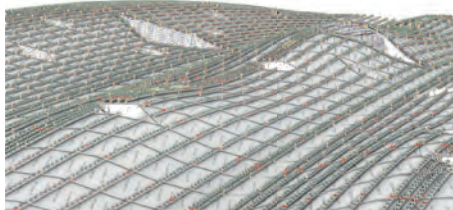W: www.bemo.com

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LOD 400

During this stage, we support you with the creation of the cutlists, the workshop drawings and CNC production information as well as installation drawings, assembly instructions and method statements.

- Installation drawings
- Coordination model
- Clash detection
- Assembly drawings
- Structural calculations
- U-value calculations
- Data sheets
- Production data
- Cutlists
- STC and / or dB value
  calculations

- Data formats
  *.dwg
  *.3dm
  *.ifc
  *.rvt

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Max-Eyth-Straße 2
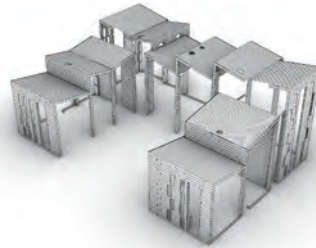74532 Ilshofen-Eckartshausen
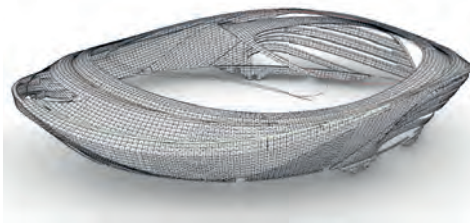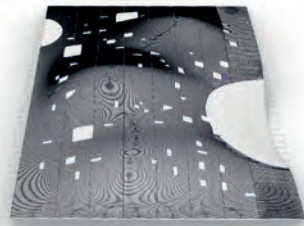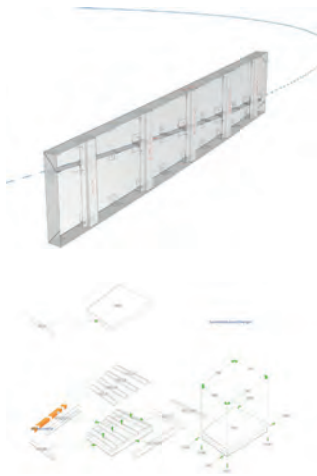
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With BIM, your project gains in transparency as well as cost and schedule certainty.
This increases your efficiency and helps in saving resources.

As your reliable partner, we look forward to completing the next *digital project* together with you.

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