



Complex Timber Fabrication

Tomorrow's timber

Swiss Re 05.10.2021



**Blumer
Lehmann**

Timber construction | Engineering

Combining tradition and innovation at the Erlenhof for 146 years































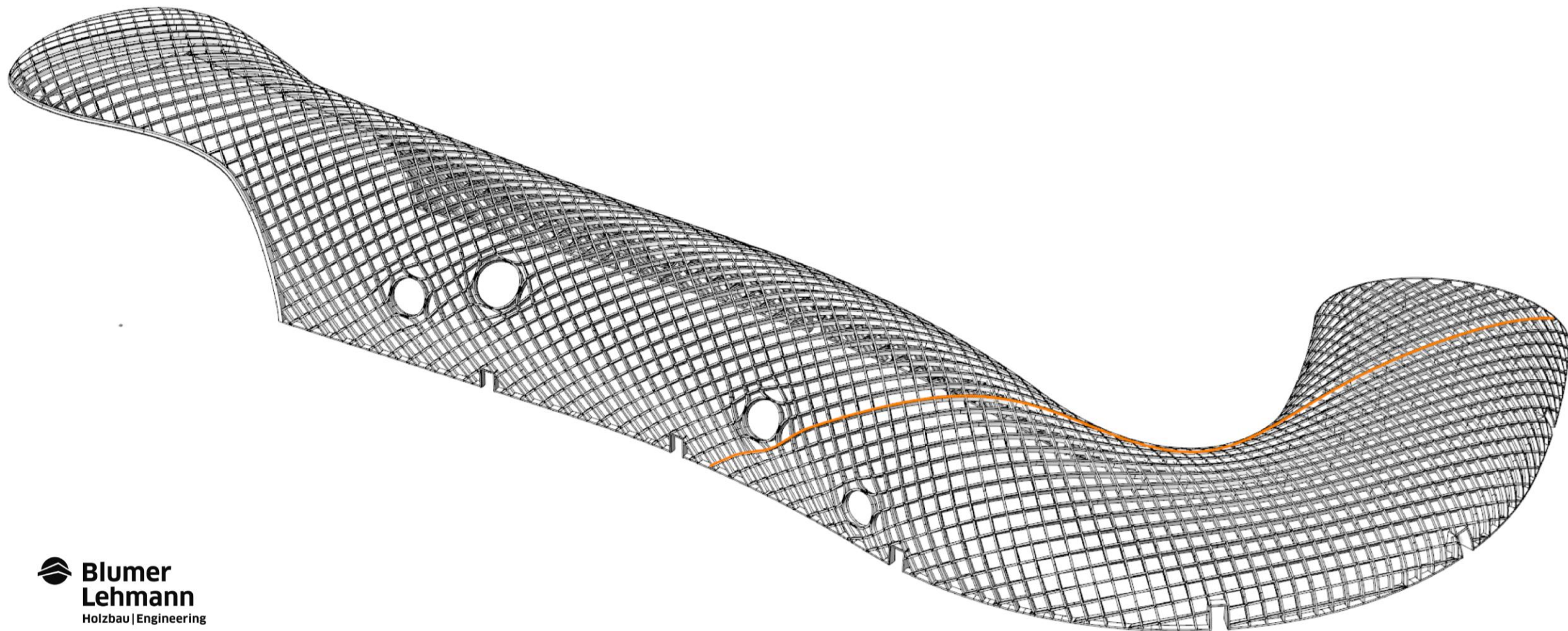


Dimensions

Building size 88 x 209m

Horizontal span 34.0m

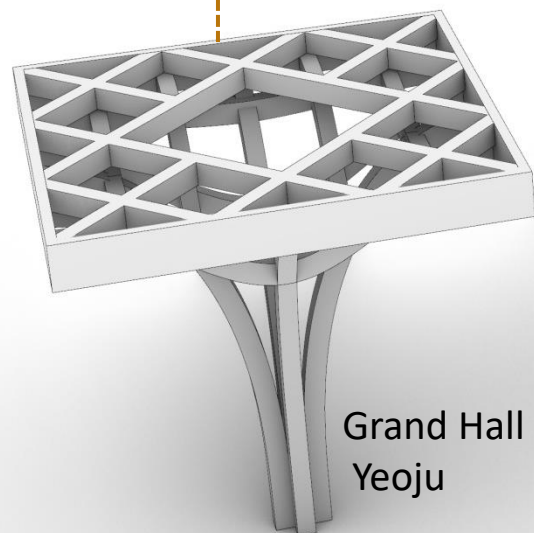
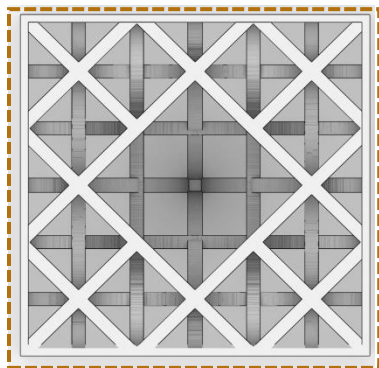
Height from 6.90 to 26.78m



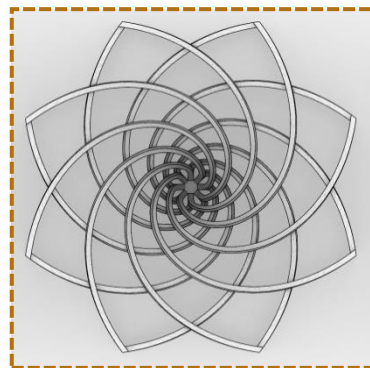




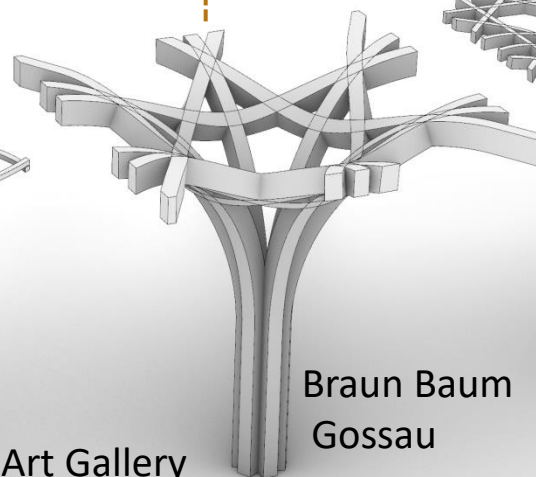
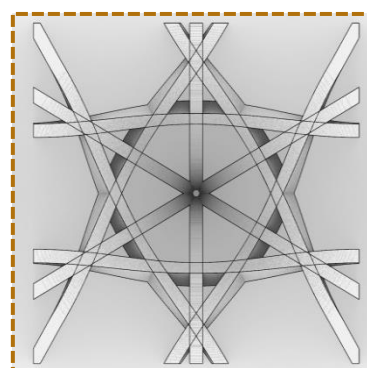




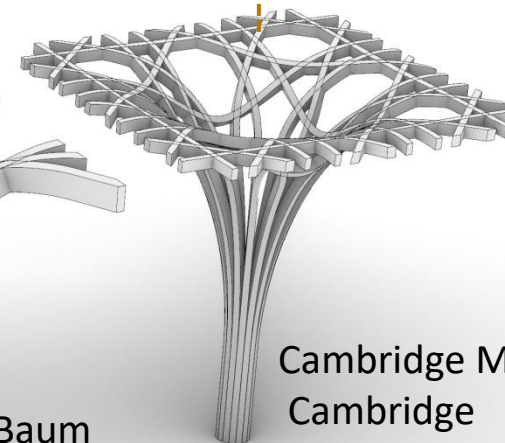
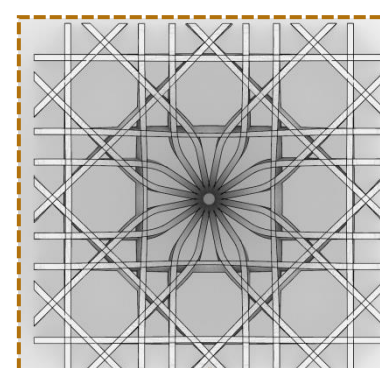
Grand Hall
Yeoju



Vadehra Art Gallery
New Dehli

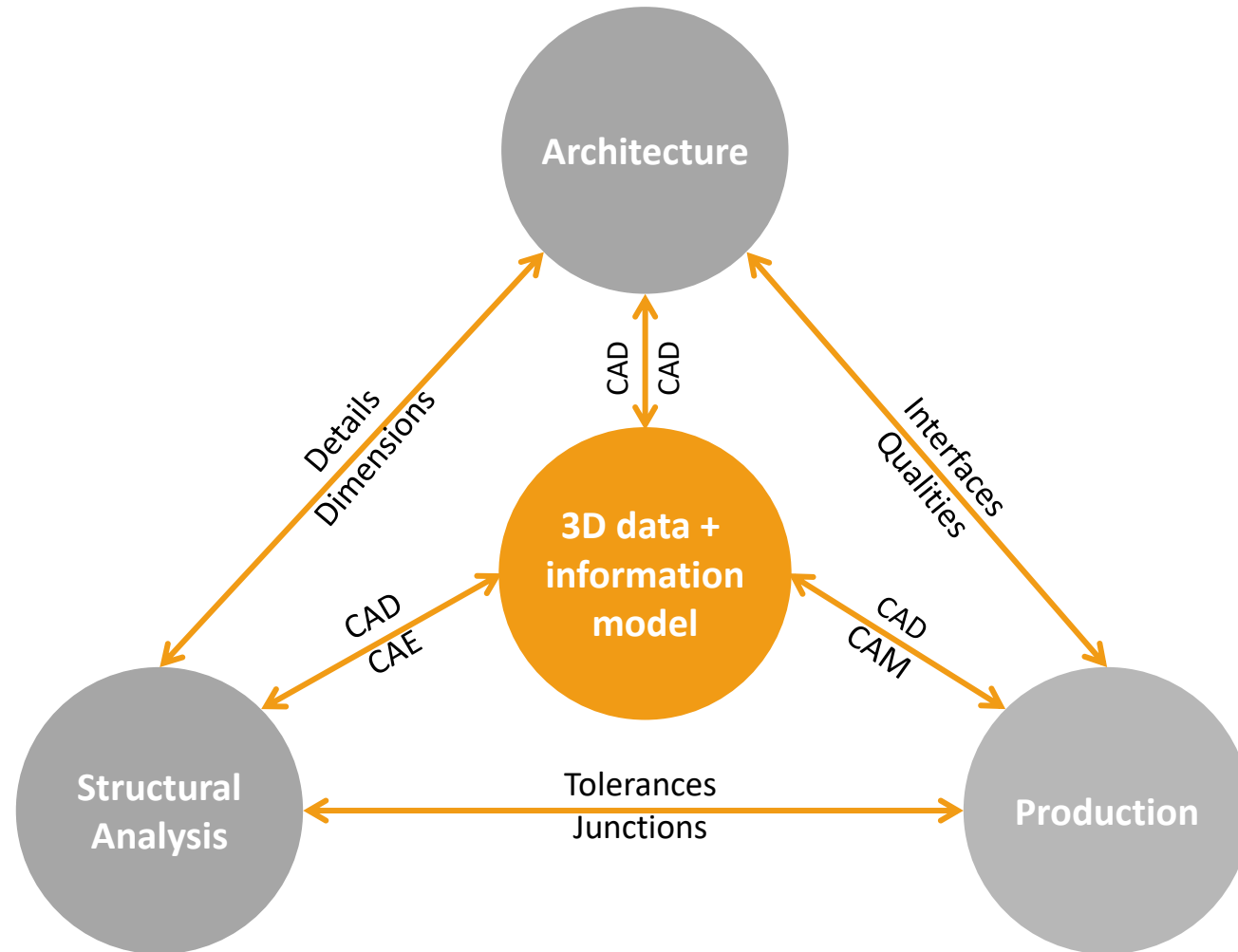


Braun Baum
Gossau



Cambridge Mosque
Cambridge

Communication – 3D model at the heart of the process (BIM)



From vision to finished product



Initialisation

Pilot

Submission

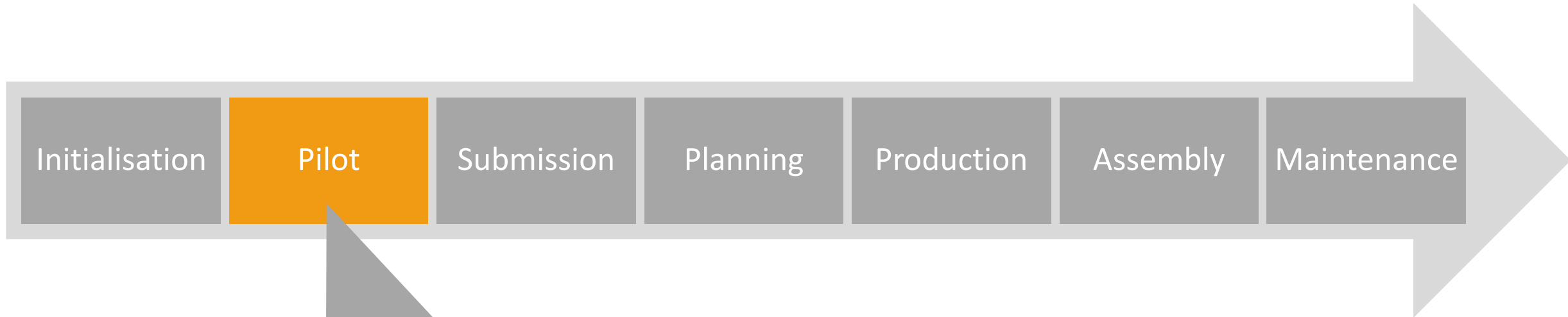
Planning

Production

Assembly

Maintenance

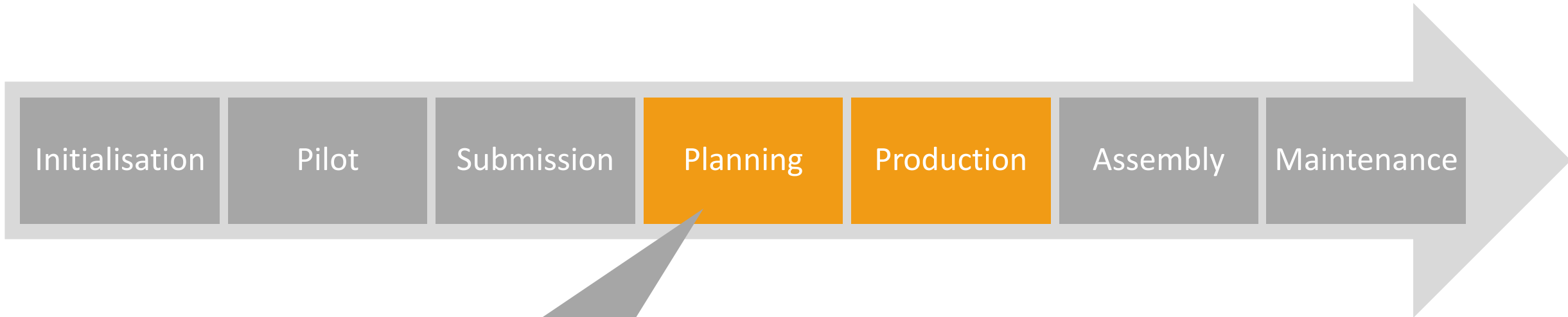
Advantages of a Pilot



We will provide you with all the necessary details for a full submission BEFORE you've chosen a supplier

- > Feasibility study
- > Technical / Service Specs
- > 3D-Model
- > Initial Structural Analysis
- > Cost Estimate (+/-25%)
- > Provision of samples

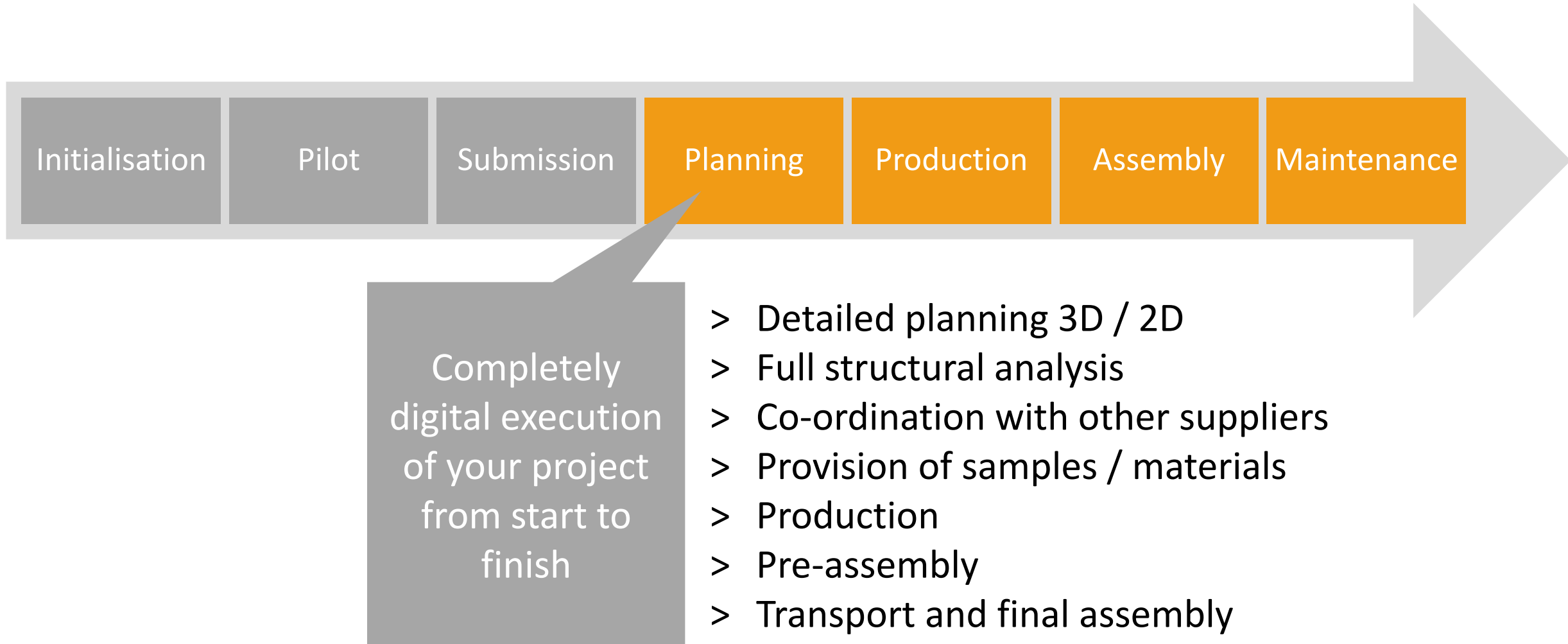
Advantages in planning / production



Completely digital
execution of your
project from start to
OTIF delivery on site

- > Detailed planning 3D / 2D
- > Full structural analysis
- > Co-ordination with other suppliers
- > Provision of samples / materials
- > Production
- > Pre-assembly and transport

Advantages of full collaboration



Mock up

Support for designers and decision makers

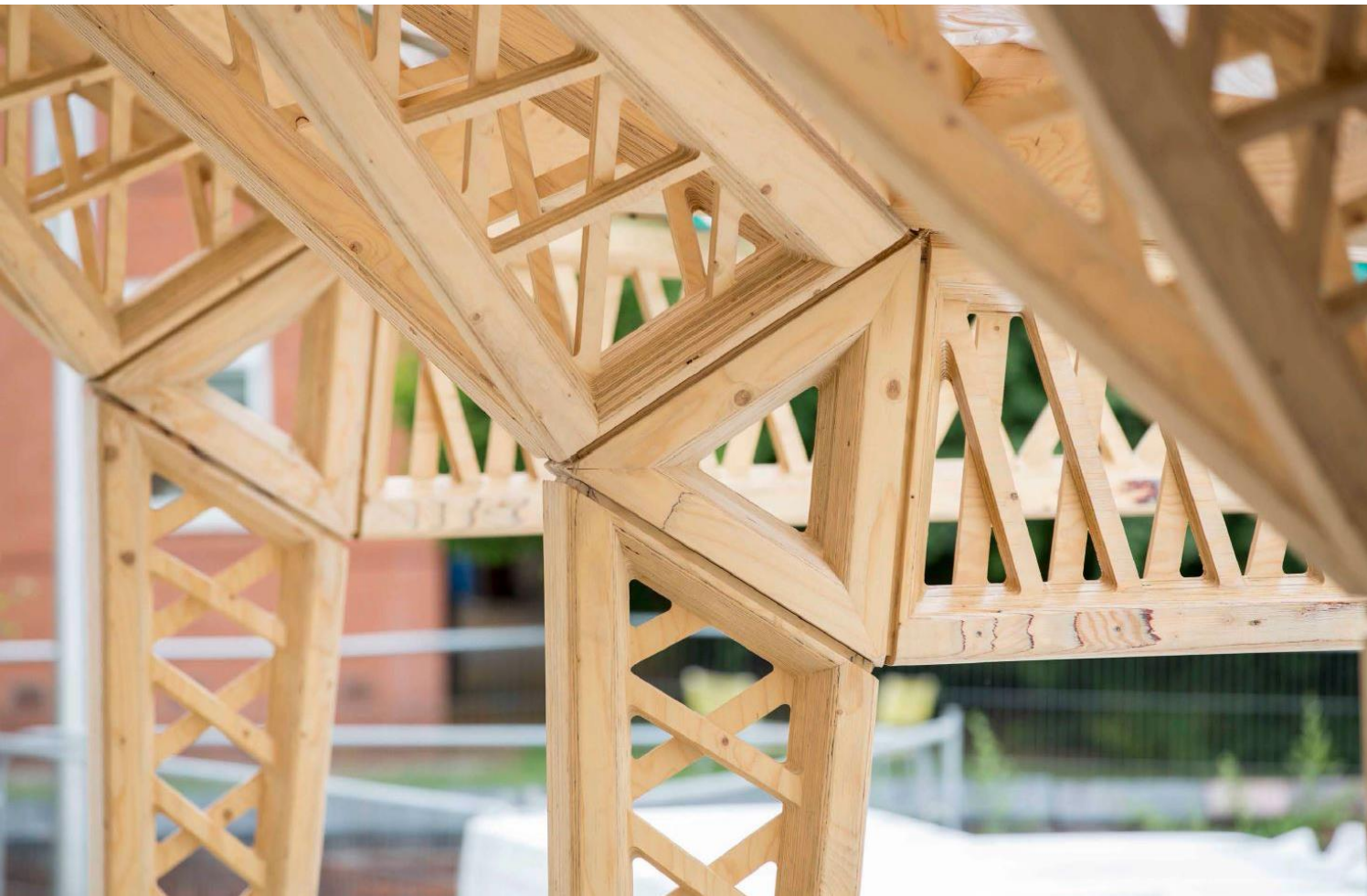


Additional Confidence

- > During the procurement process, a mock up will help to define the right suppliers
- > The mock up also secures prompt passage through the relevant project gates
- > And as such, it strengthens confidence amongst all parties

Mock up

Support for designers and decision makers



Timely decision making

- > Timely, if not early decisions can be secured for choice of materials, joints et al. with the help of a mock up
- > Have I already mentioned that it looks gorgeous?































Thank you very much for your attention!

**Fasci
nating
world
of wood**

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