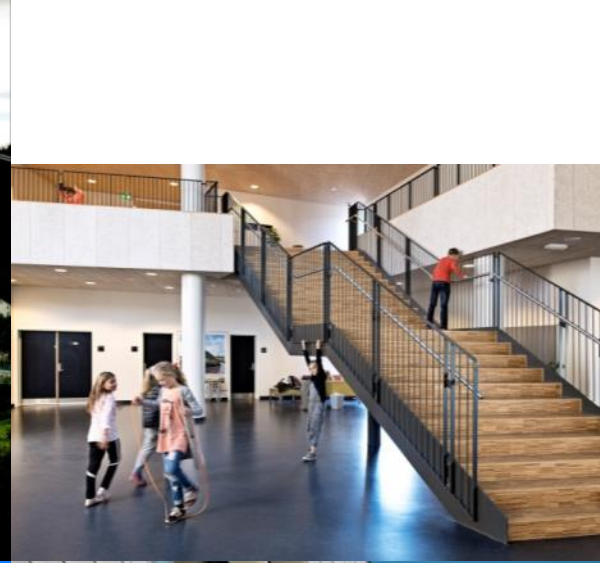


Virtual Design & Construction – Det vil vi!

VDC in MTH

Structural Engineer and VDC Consultant - Christian Østen Rasmussen





For 100 years we have created the spaces in which we live, work and travel

- Office buildings, houses and shopping malls
- Hospitals, schools and sports facilities
- Concrete and steel bridges
- Roads and railways
- Foundations for offshore energy

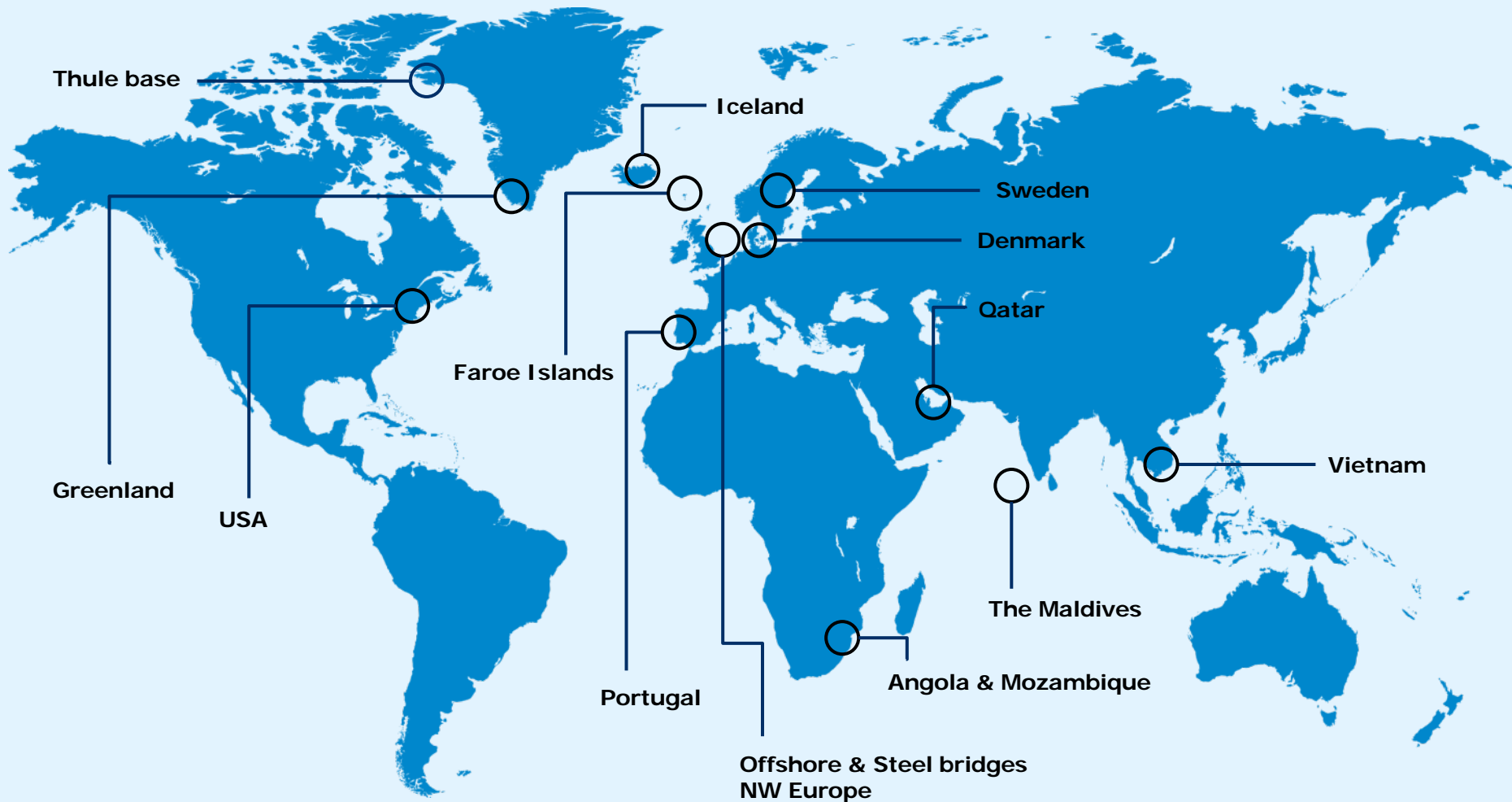


MTH GROUP

MTH GROUP



Geographical platform

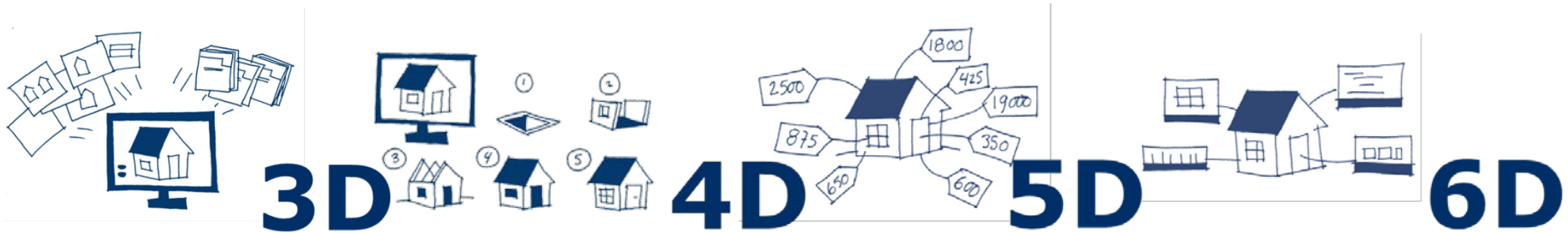


VDC | Virtual Design and Construction

**We execute the project
virtually - before we build
in real life**



VDC | From 2D til 6D with Virtual Design & Construction



Models instead of drawings, so we avoid bad design, make it easier to find information and make orientation easier

Sequence models and location base planning instead of charts to make better and more comprehensive plans

Quick QTOs and price configuration to analyze many alternatives and their consequences

TCO calculations from 3D-models and FM-models in stead of manuals

We execute the project virtually before we build in real life



Higher productivity

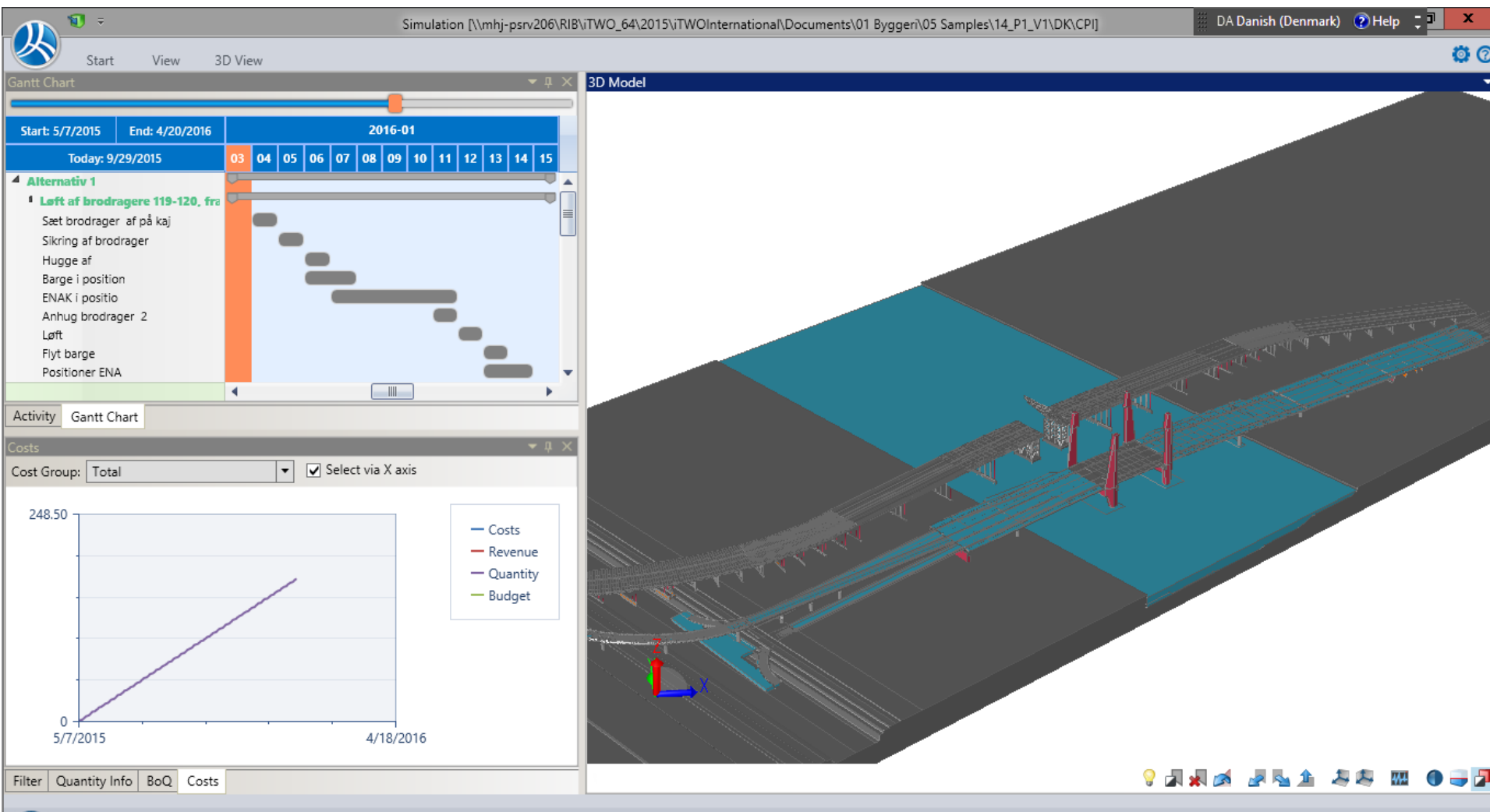
Lower Risk

Higher Hit-rate

Better Workdays

Best in Class VDC

iTWO connects the dots...



1. Are all activities priced?

2. Are all components priced?

7. Which alternatives do we have?

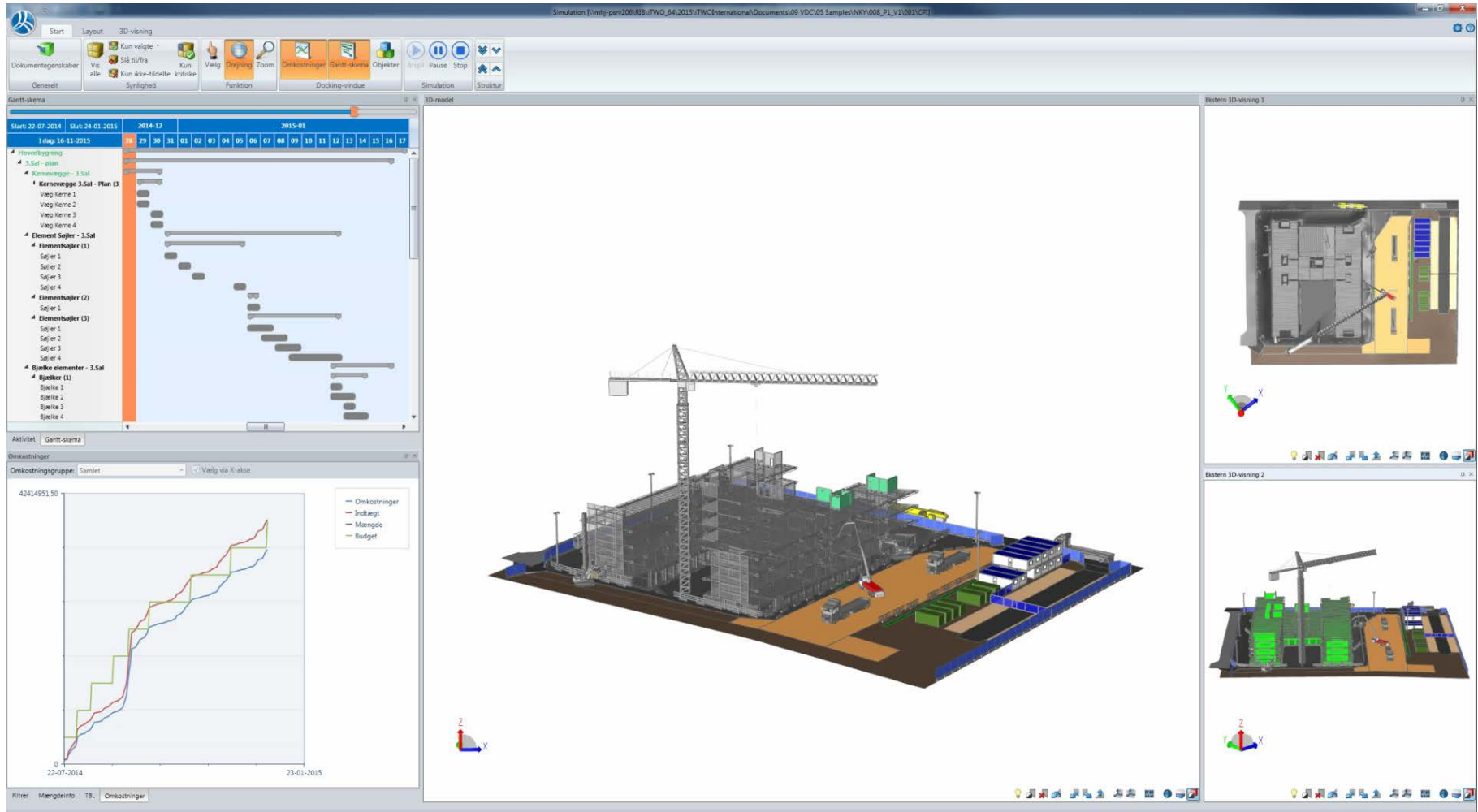
3. What affects the time?

6. What are the risks?

4. Where are the cost drivers?

5. Which prerequisites must be considered?

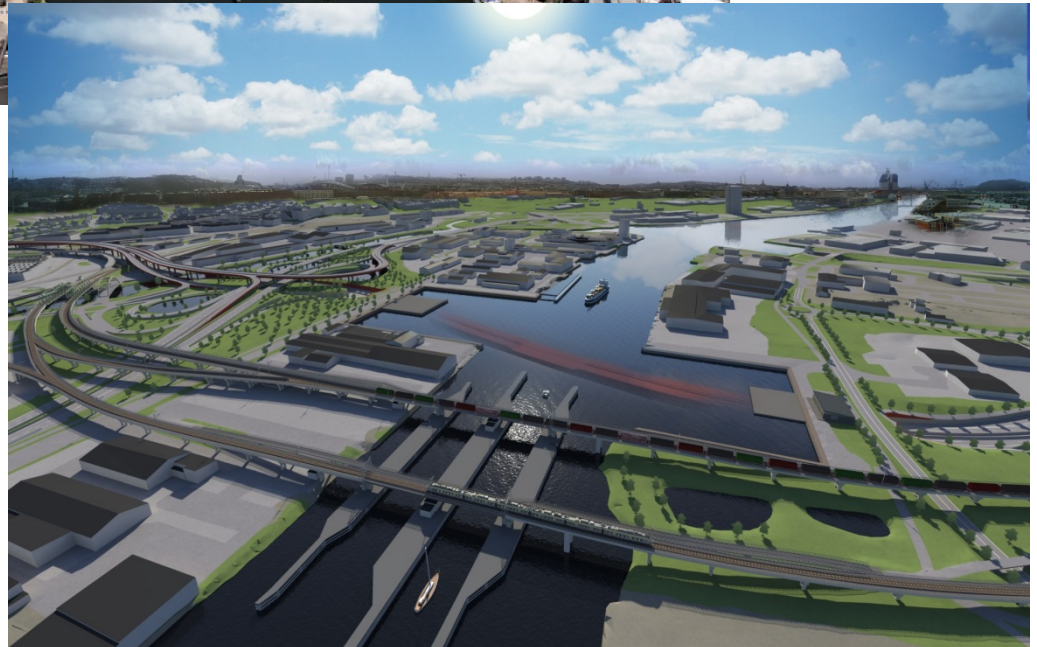
VDC | 5D-models



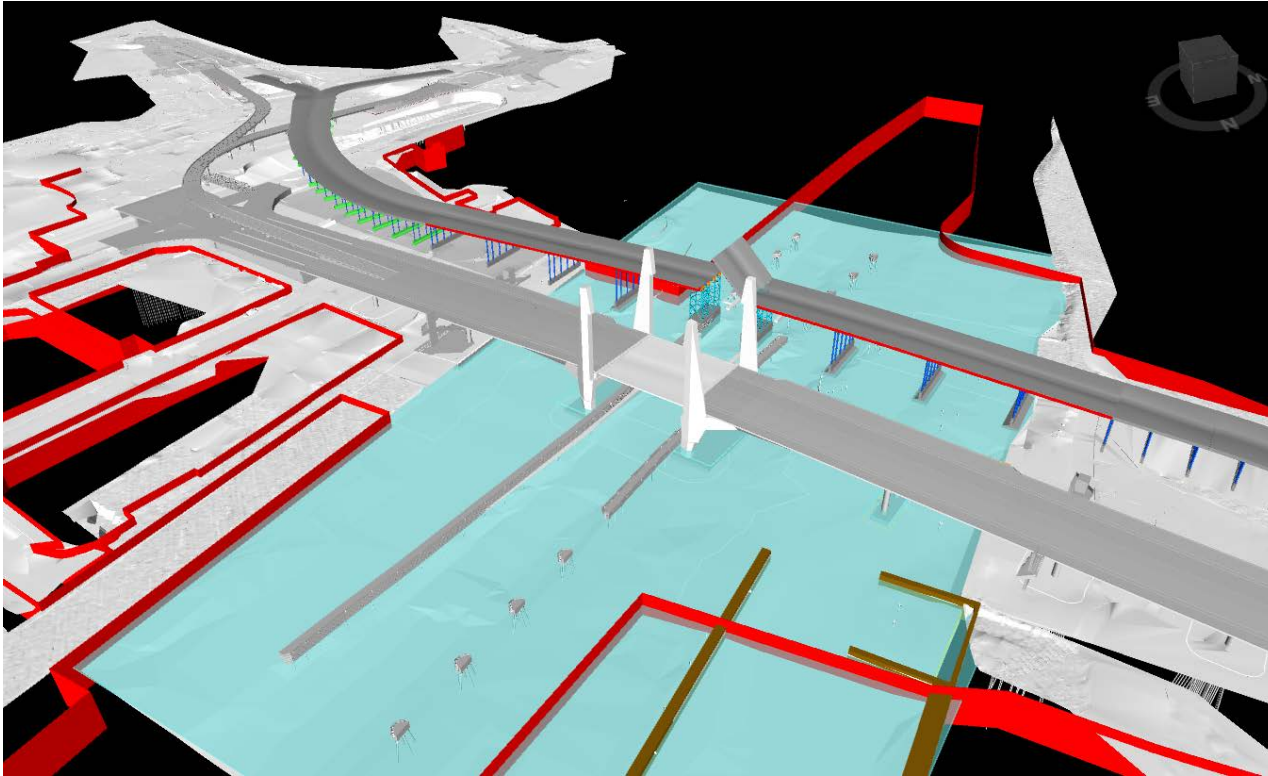
Tender
Hisingsbron



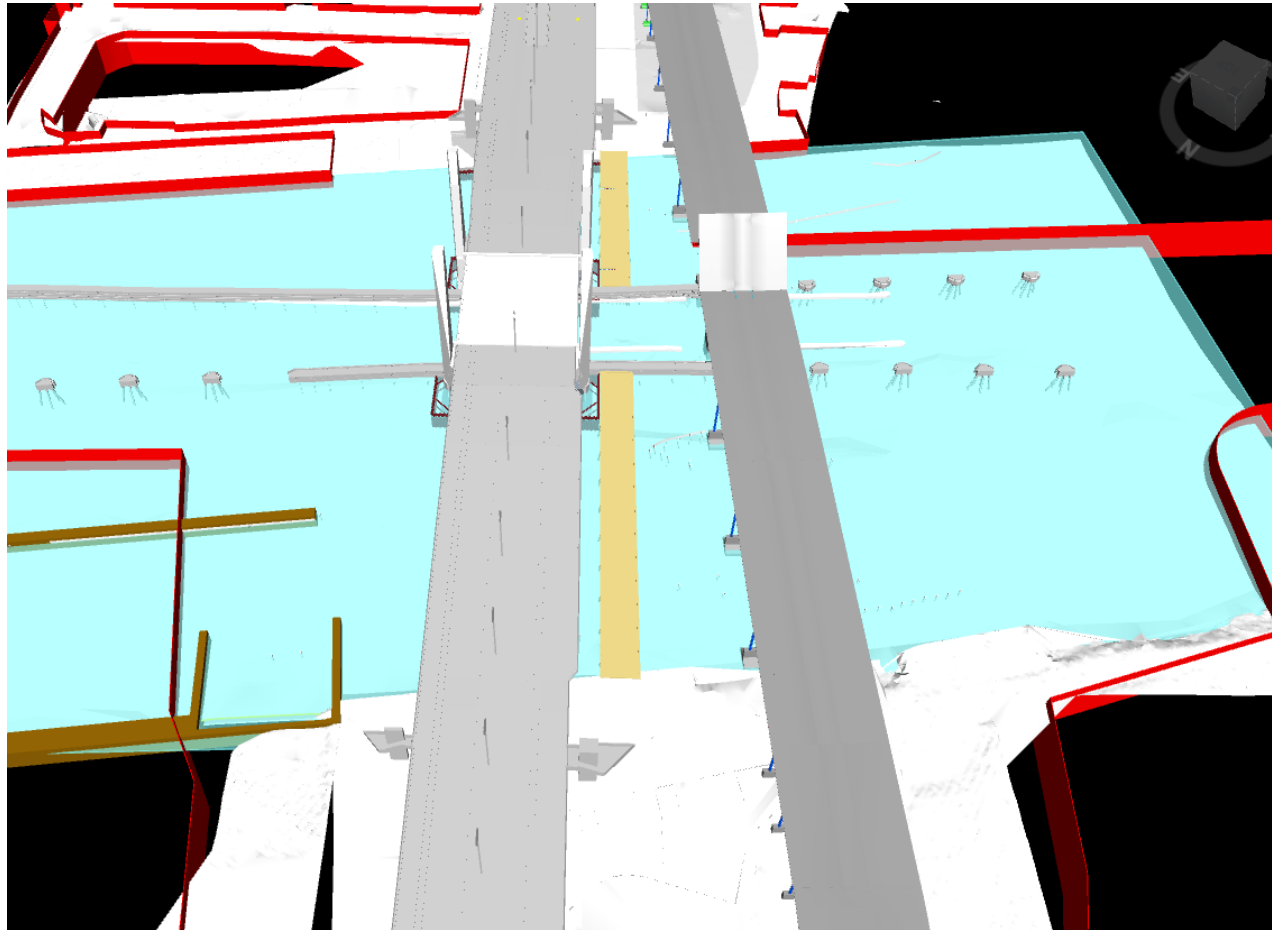
Execution
Marieholmsbron



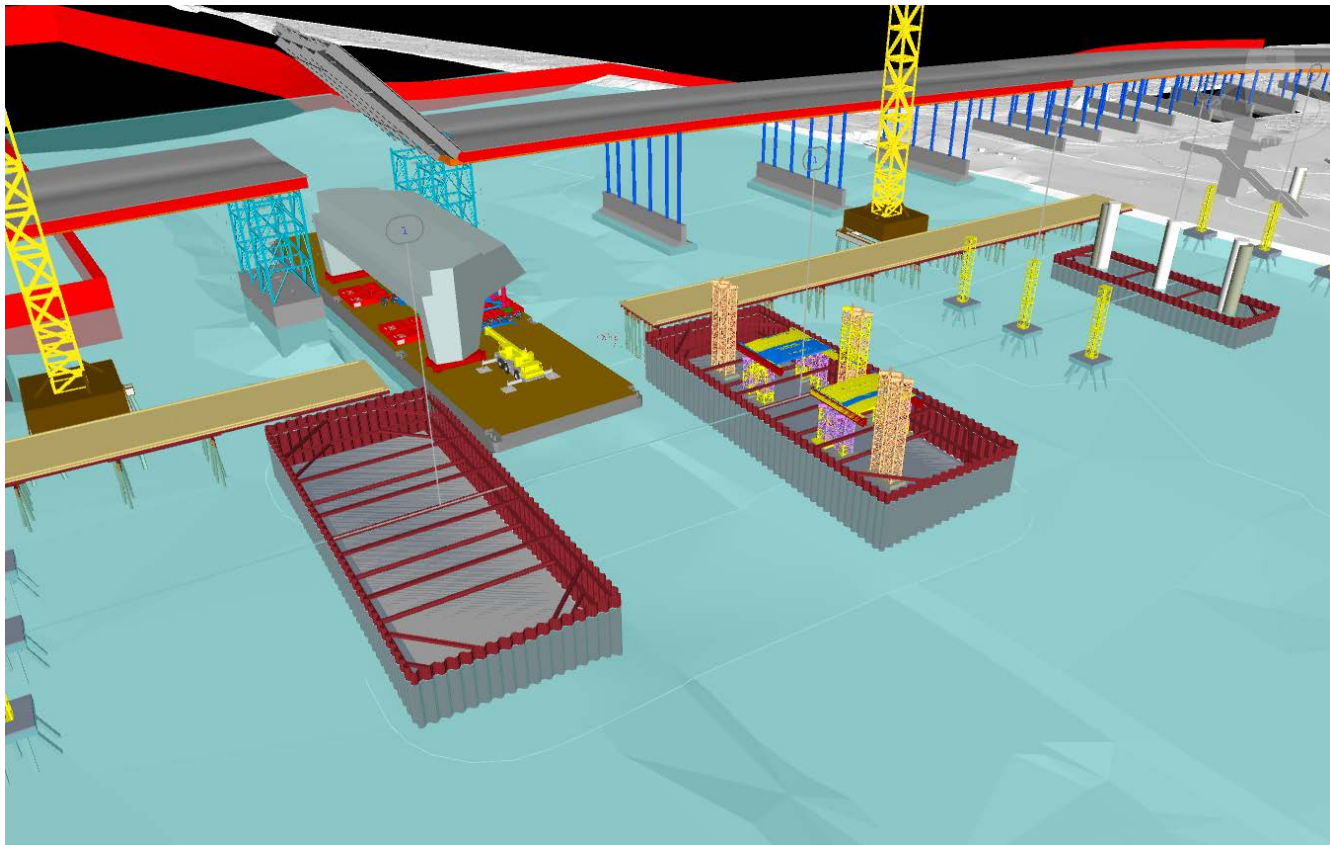
Tender - Hisingsbron



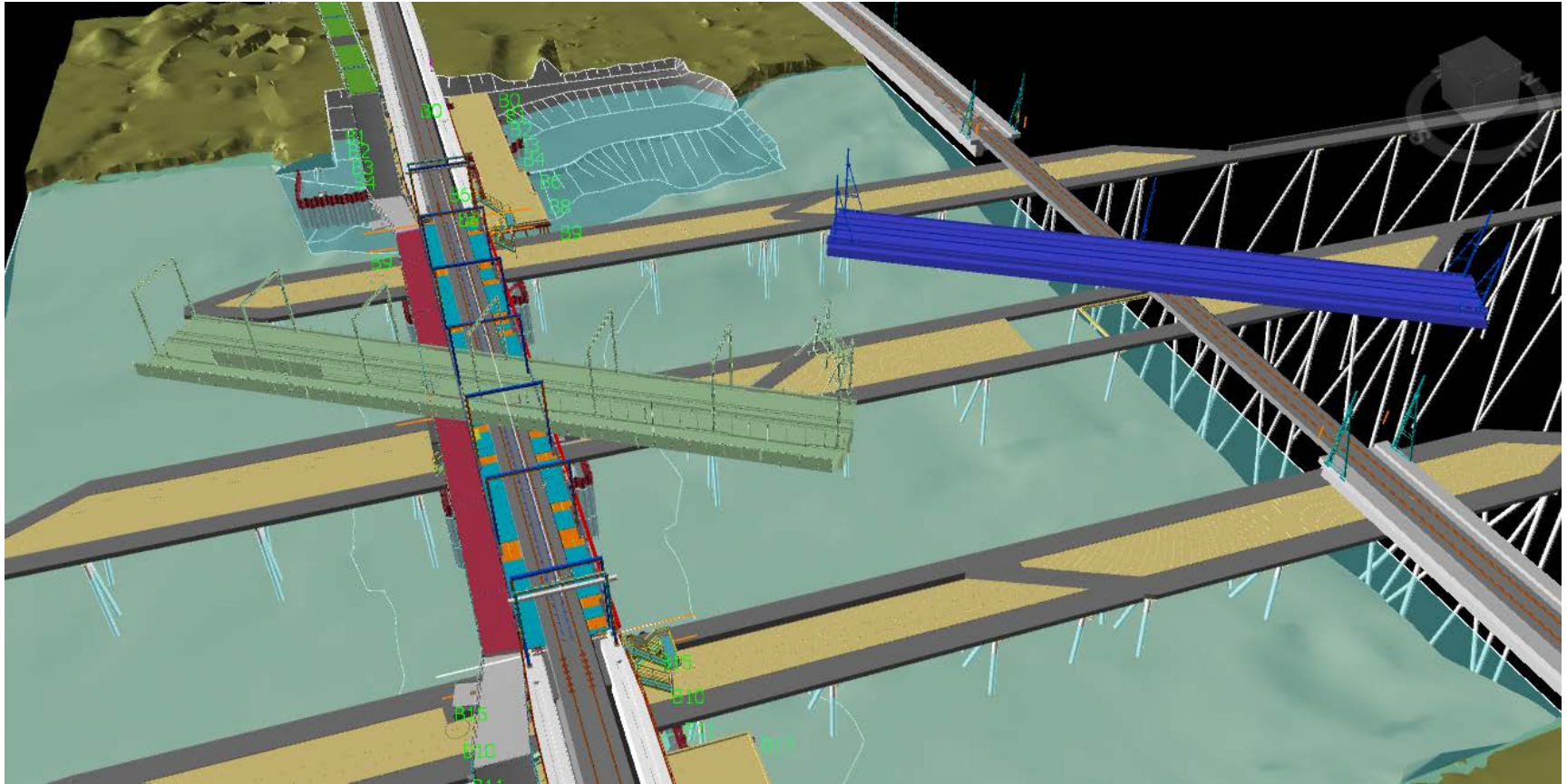
Tender - Hisingsbron



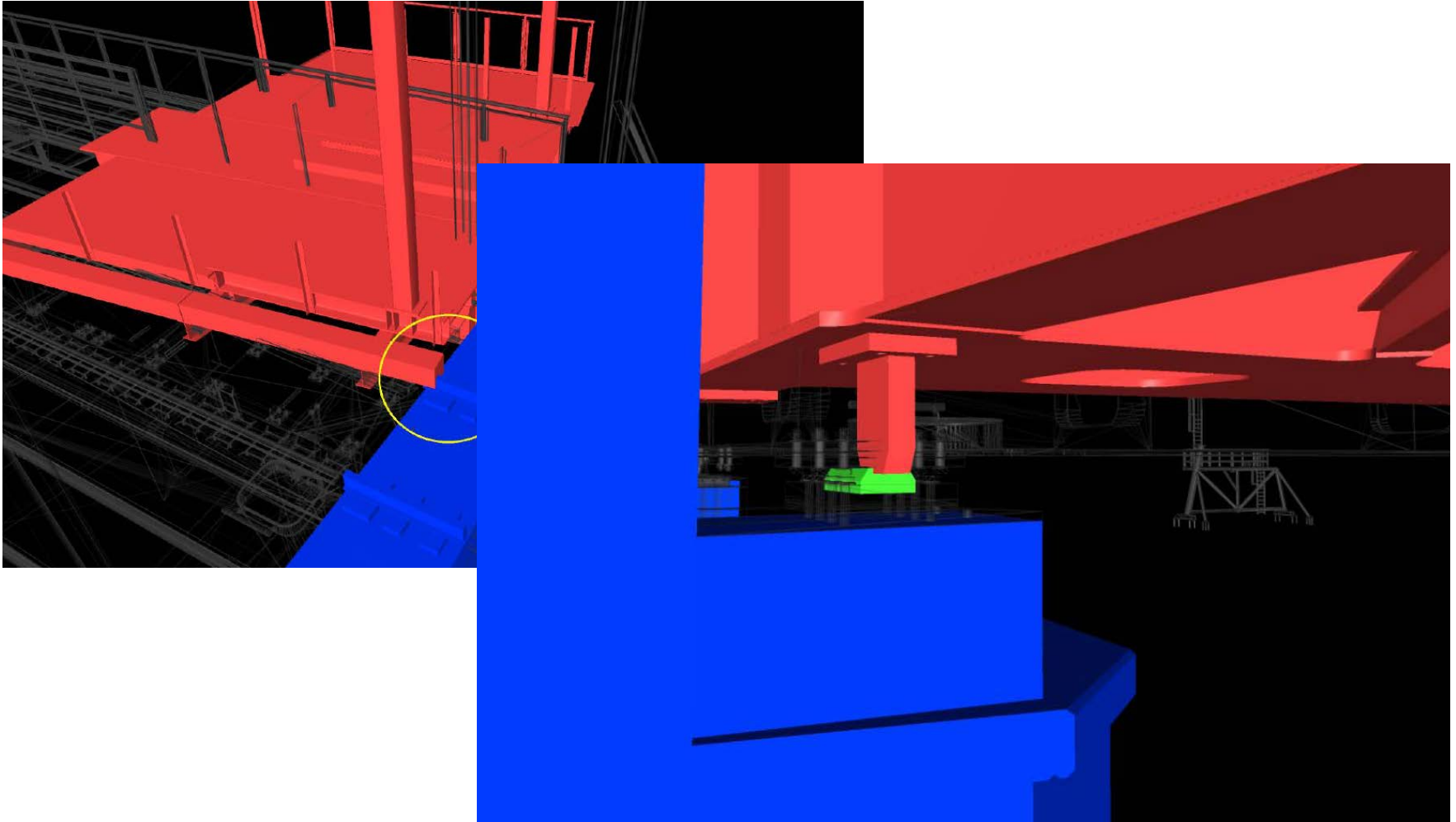
Tender - Hisingsbron



Execution - Marieholmsbron



Animated clash detection



VDC | Virtual Design and Construction

**We execute the project
virtually - before we build
in real life**



