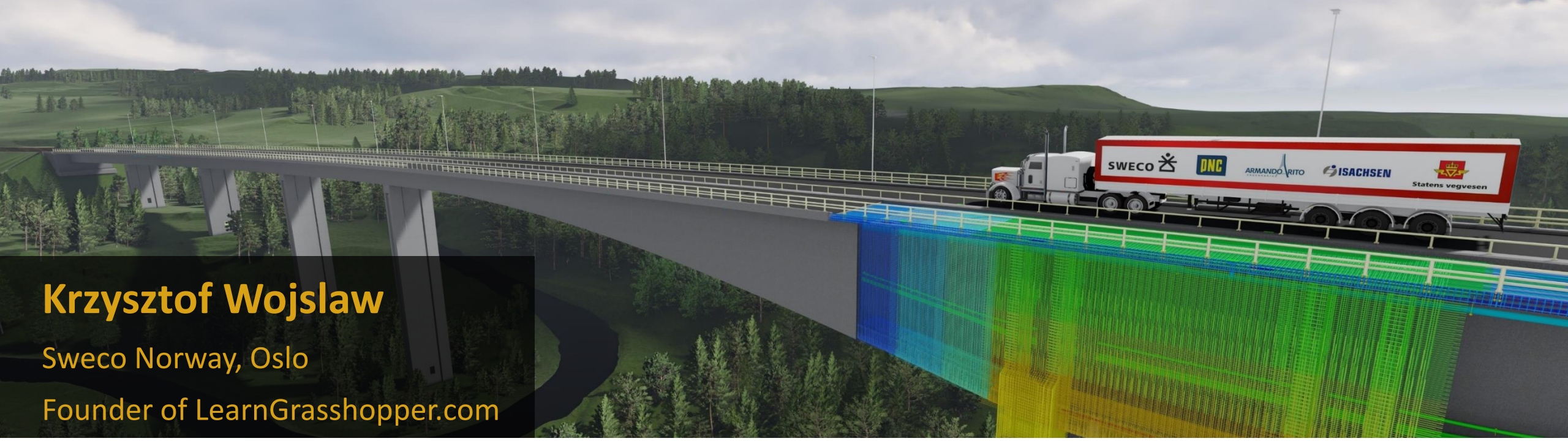


# E16 Randselva Bridge

**Krzysztof Wojslaw**

Sweco Norway, Oslo

Founder of LearnGrasshopper.com







*„The Randselva Bridge is a **lighthouse achievement** for consulting engineers”*

**Martin A. Fisher**

*The Kumagai Professor of  
Engineering at Stanford University*

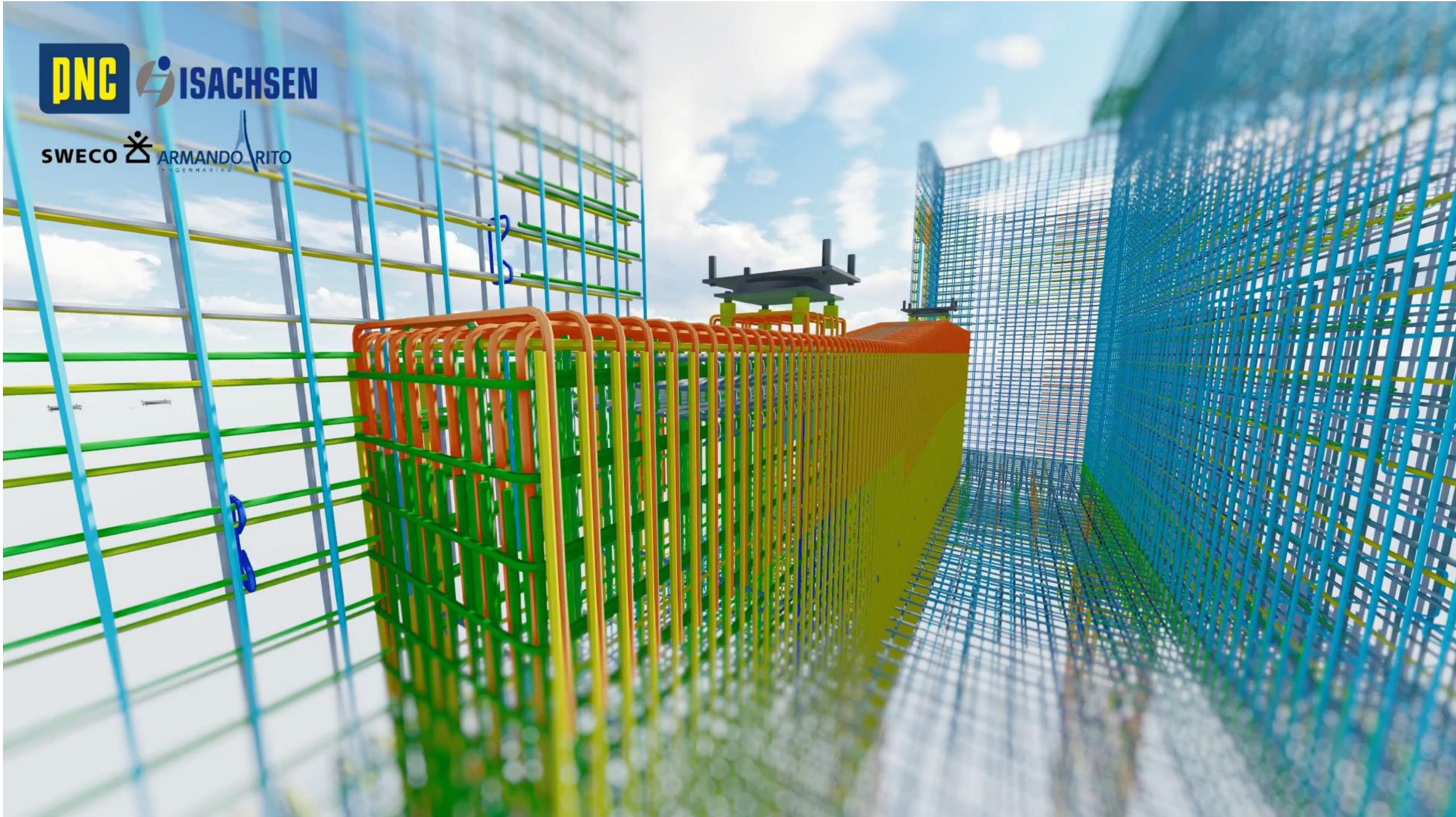




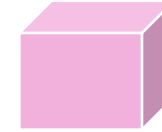
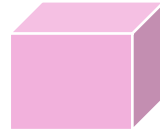
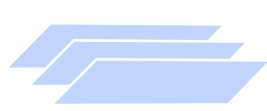
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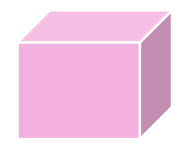
ARMANDO RITO  
INGENIERIA



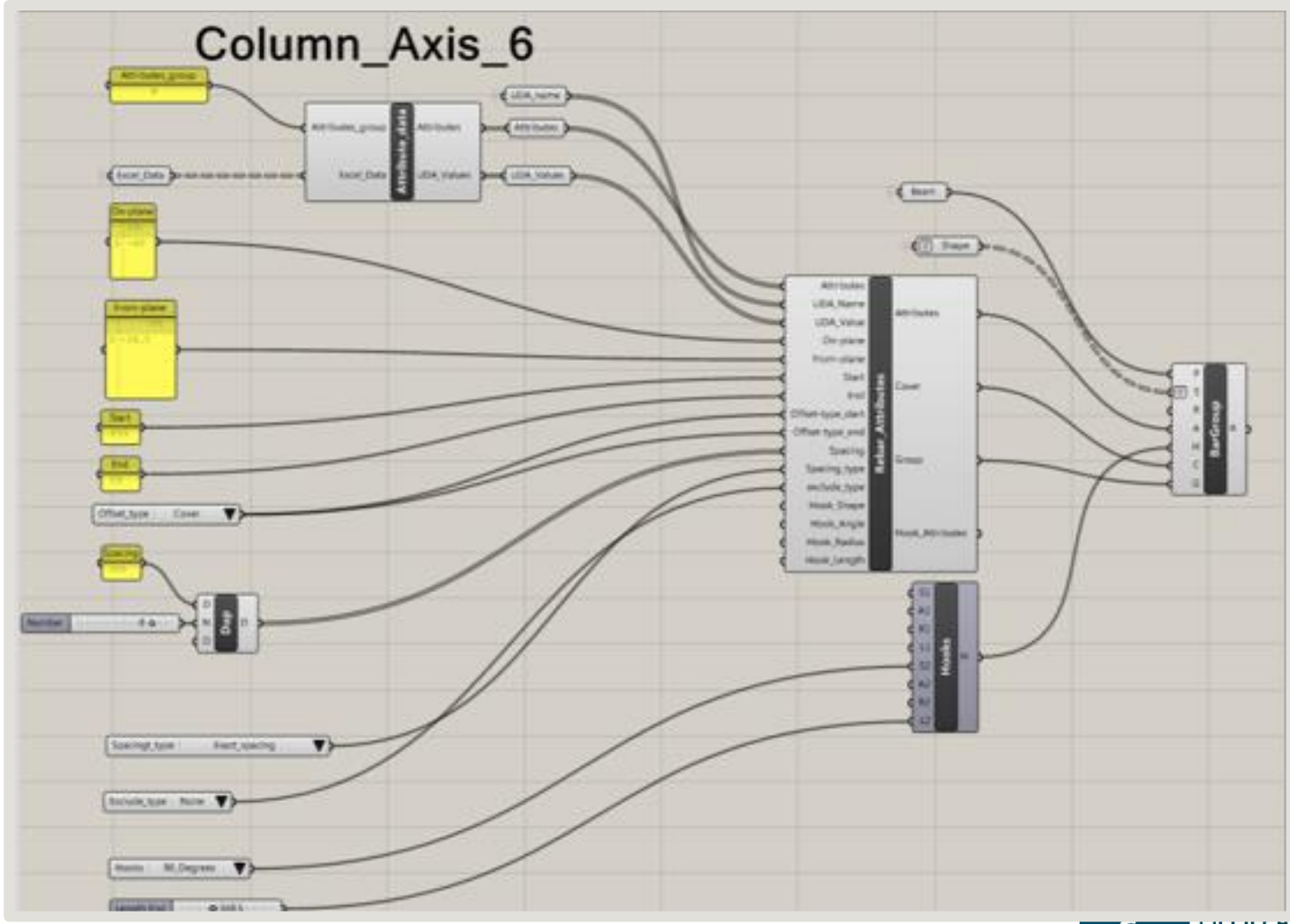
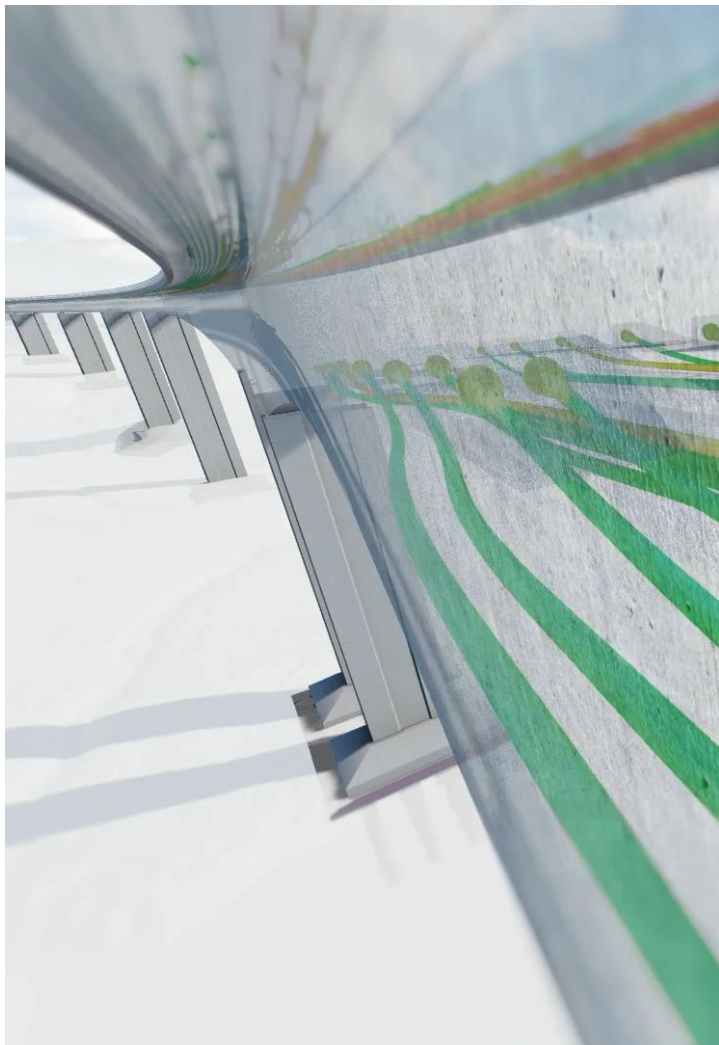
# 1. Drawingless







# 2. Parametric Design







Engineers



Programmers

**Visual Programmers**



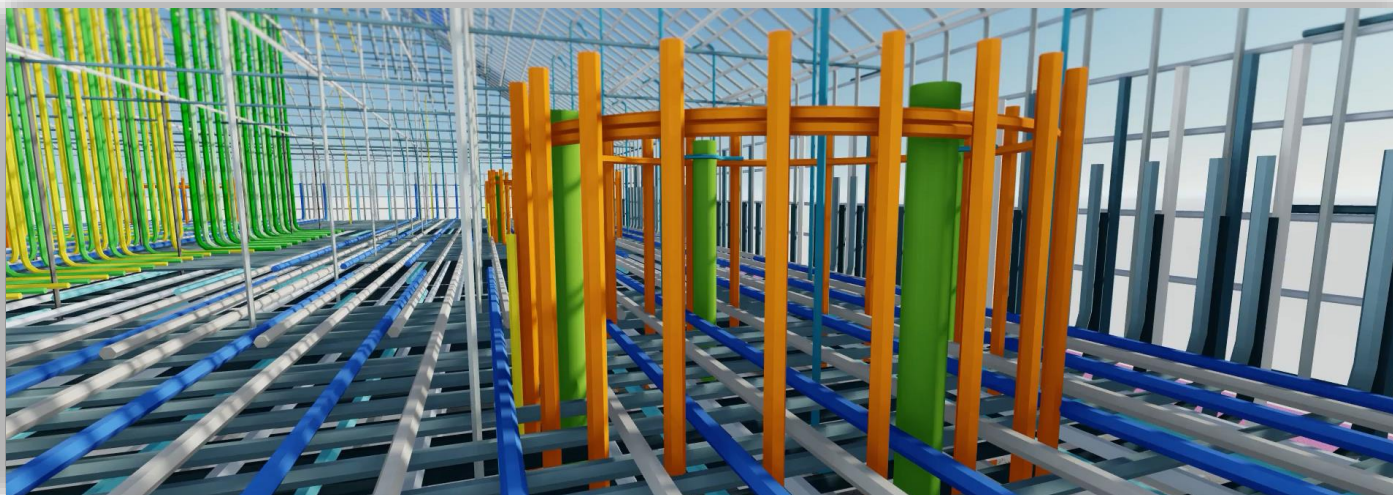
# 3. Collaboration



## Hackathons

+

## Integrated Concurrent Engineering







Thank you!

