

Design to Manage Interconnected Infrastructures

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Introduction

- Increased interconnectedness and changing societal requirements
- Infrastructure interdependency
- The governance of uncertainty, what is it?

The complexity of cross-collaborative infrastructure projects

- Many participants
- Aligning interests and solutions
- Understanding each other
- Project focus: How can we govern uncertainty in these types of projects?

How did we study it?

- *How did they govern uncertainty when the uncertainty affected multiple operators?*
- *How did they govern uncertainty internally in the organization?*
- *What did the process of dealing with uncertainty look like?*
- Single case study analysis, ILT
- Documentation, 10 interviews

Observations

- “There is no system in place to plan for whatever you cannot plan for”
- ‘Islanding’
- No integral design of the tunnel
- No end-evaluation made together

Conclusion

- Where does it leave us in terms of governance of uncertainty?
- Project management
- Empathic engineering and understanding

Thank you









