

FROM BRIDGES TO REACTORS

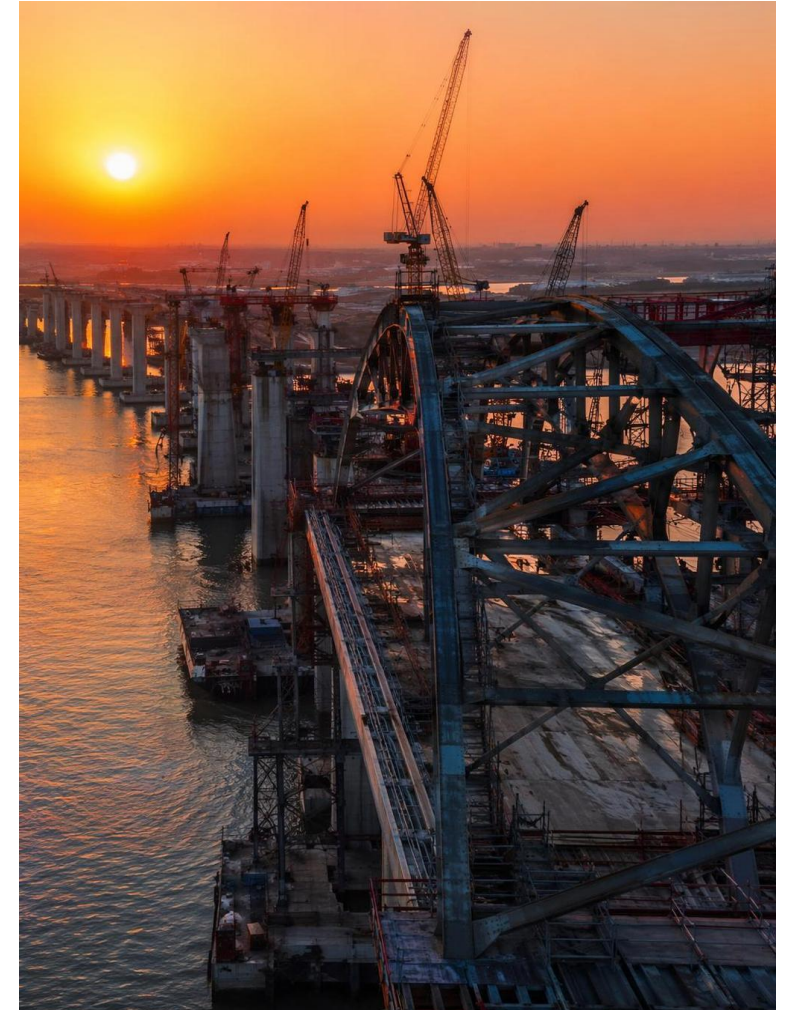
Lessons learned from Infrastructure Delivery for SMR Delivery

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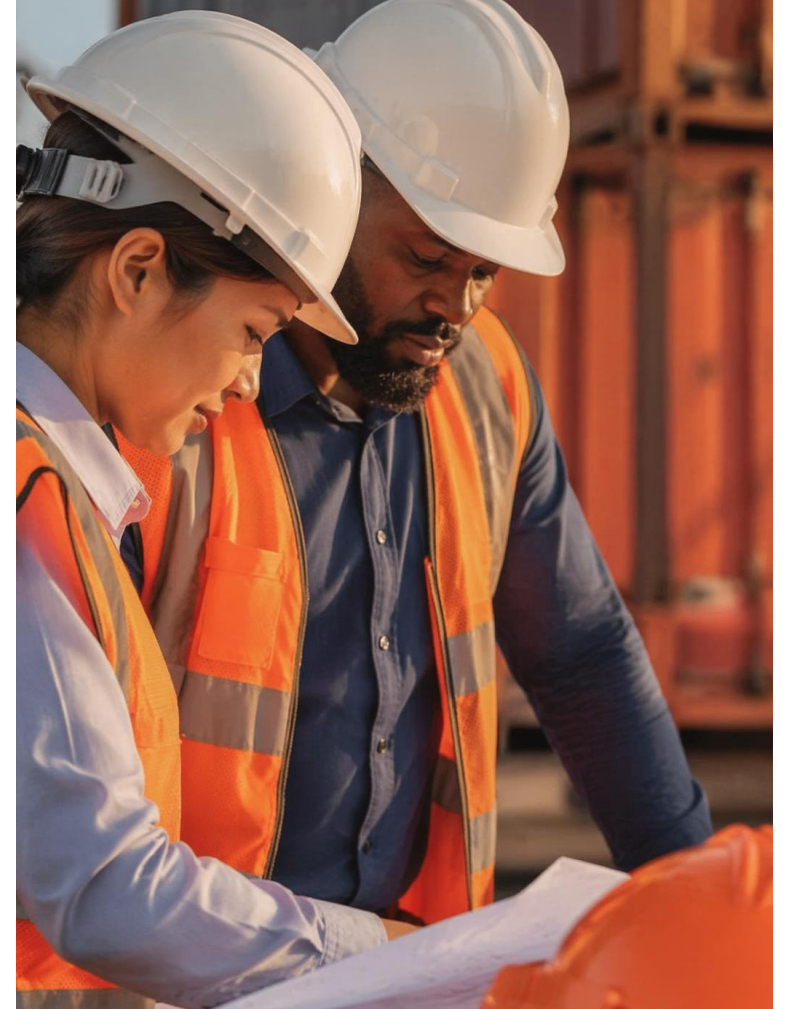
Trends

- Projects and programmes become more complex and dynamic
- New developments need to be implemented quicker and IT becomes more important
- Increased need for recognition of craftsmanship
- Increased need to integrate specialized knowledge
- Stakeholders have to be engaged early in plan development (Omgevingswet)



Supply chain integration and collaboration

- Packaging and sequencing of the work
- Anticipate change and organise early
- Shortage of skilled labour (craftmanship and specialised knowledge)
- Integration and collaboration
- Stimulate innovation and introduce new technologies (FOAK)



Government & competent authorities

- The government as sponsor versus as competent authority
- Competent authorities: centralised versus decentralised
- Is the competent authority also a stakeholder?
- The license to operate



Permitting & Licensing

- EIA for Environment and Planning Act
- EIA for Nuclear Energy Act
- Stringent Safety requirements FOAK
- Life cycle regarded:
construction – testing & commissioning -
decommissioning



Spatial Integration & Stakeholder Management

- Choice of location and integration with surrounding
- Shifts in public opinion and government policy and support
- Early engagement
- “Omgevingswet” - participation and co-creation
- Interfaces with other initiatives – “meekoppelkansen”



Concluding

- More similarities than differences
- No need to re-invent the wheel
- More stringent safety requirements
- More need for specialized knowledge and international collaboration: building the Dutch nuclear supply chain
- It is all about people

