

Governance challenges in the world of infrastructure

Part 1

Prof. dr. J.A. de Bruijn

Professor, Faculty of TPM, TU Delft

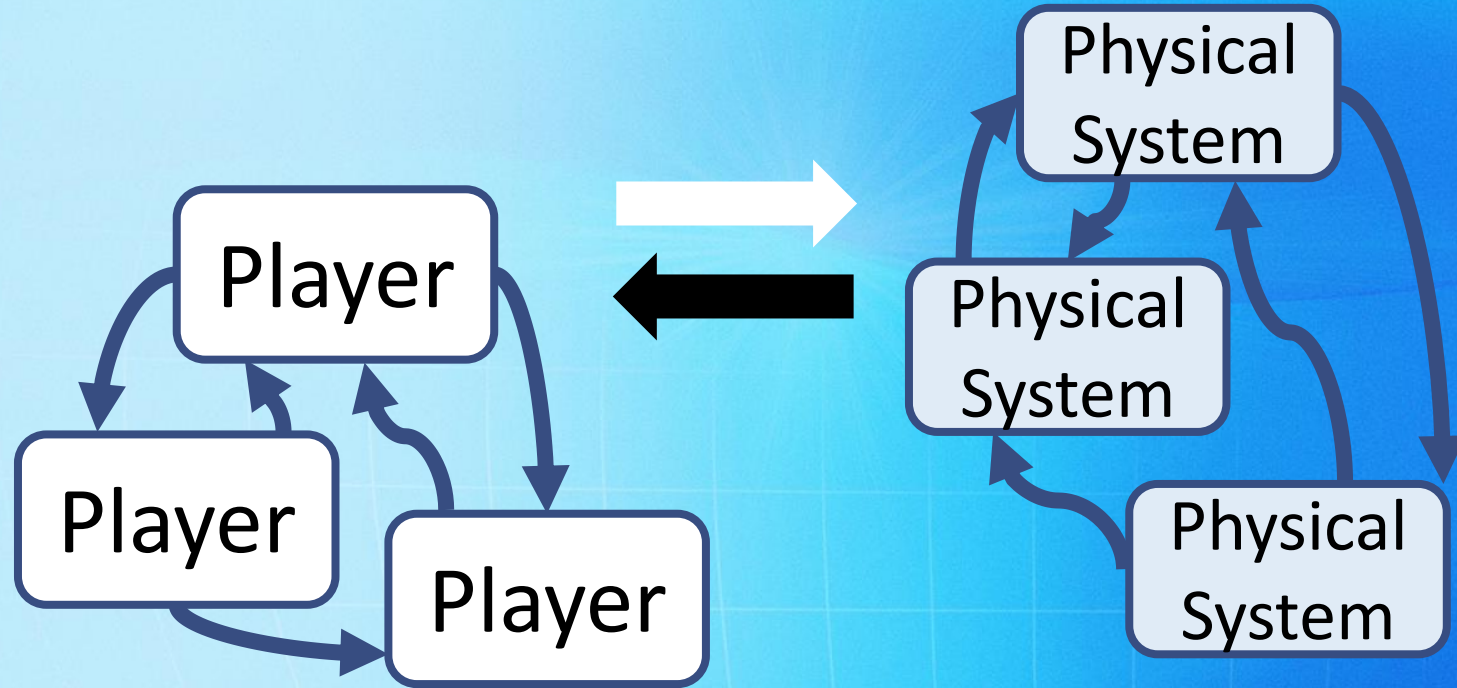
Infrastructures

- Convergence
- Internationalization
- Decentralization
- Etc.



*Implications for **Governance***

Governance is Complex



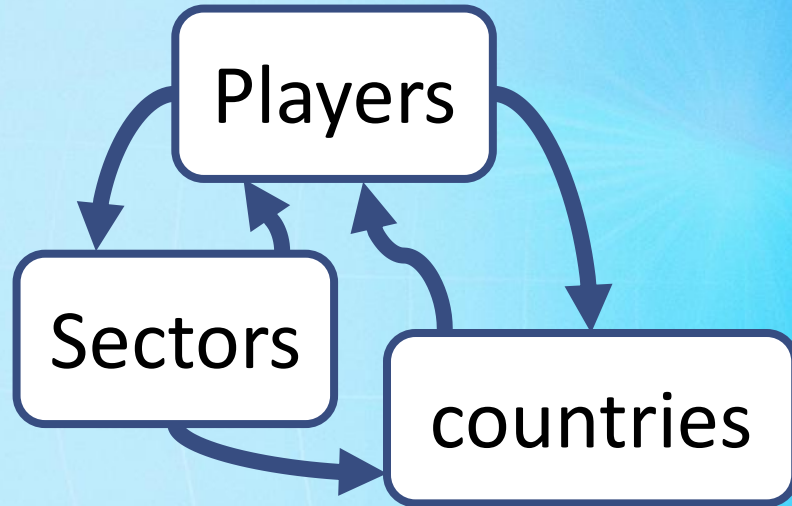
What complexity means for governance

- Central Planning is impossible
- Small steps are necessary

Central planning impossible



No central planning



Incremental change



Muddling through

Nobel prize winner Charles Lindblom:

“in a world of convergence, internationalization and decentralization – we will be faced with patchwork like structures and muddling-through like decision making.”



Is that a problem?

- Lindblom:
'Muddling through decision making is inevitable & preferable'

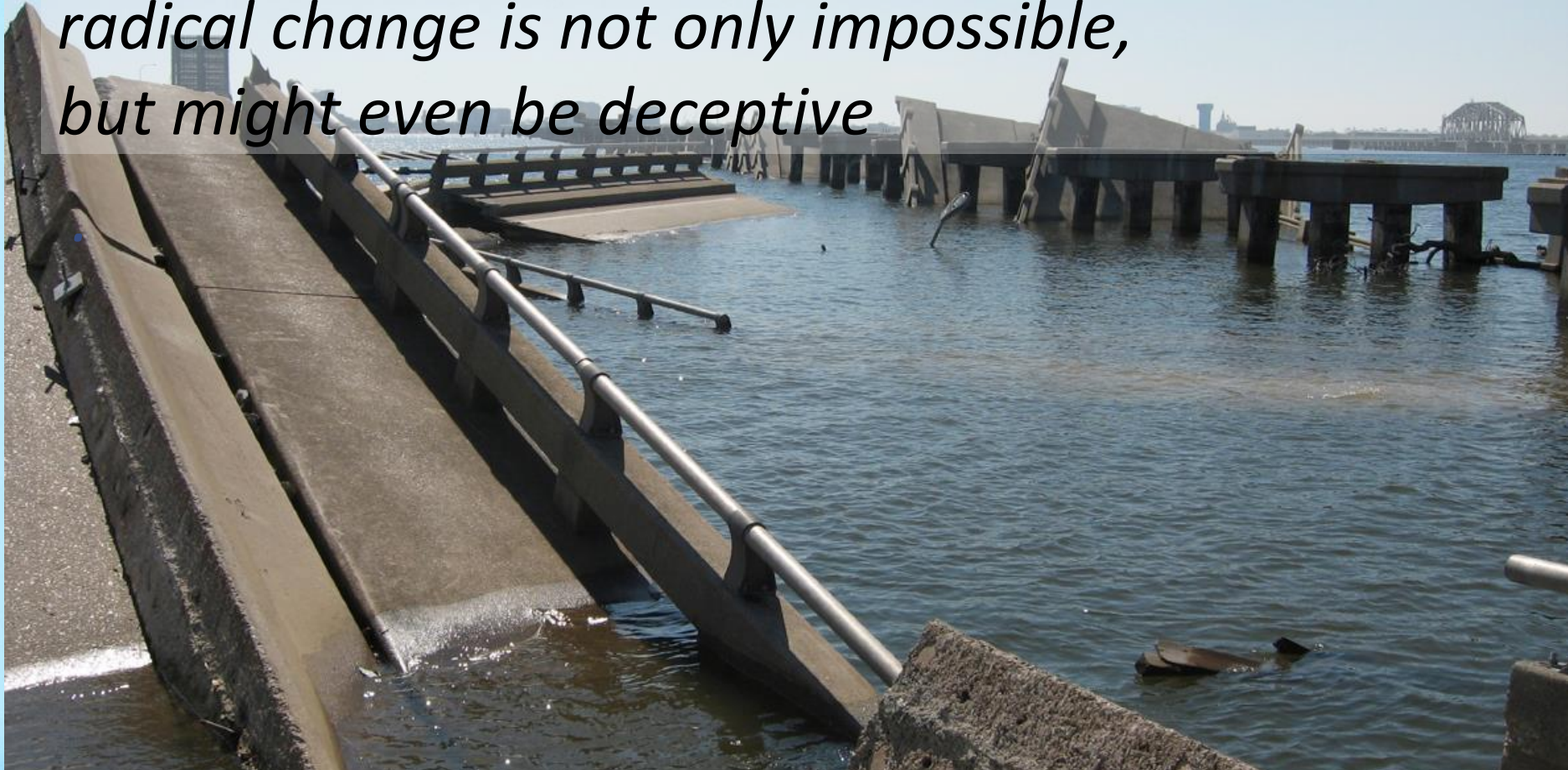


Decision making is learning process

Complex systems:

- Big steps = high risk
- Small steps = easier to adapt to unforeseen developments. Enables learning processes

*Given the complexity of systems,
radical change is not only impossible,
but might even be deceptive*



Complexity

- Muddling is inevitable:
learning and being
adaptive
- Relations and
interactions are crucial

Complex world



Thank you for your attention!

Please post any questions you may have
on our discussion forum