

### Vlaams Kenniscentrum Water

# System thinking: Drawing causal loops for sediment

Empowered by:





Met de steun van:















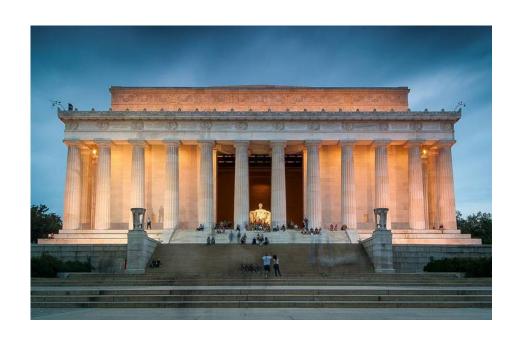
#### System thinking & System analysis







#### System thinking & System analysis – Lincoln memorial









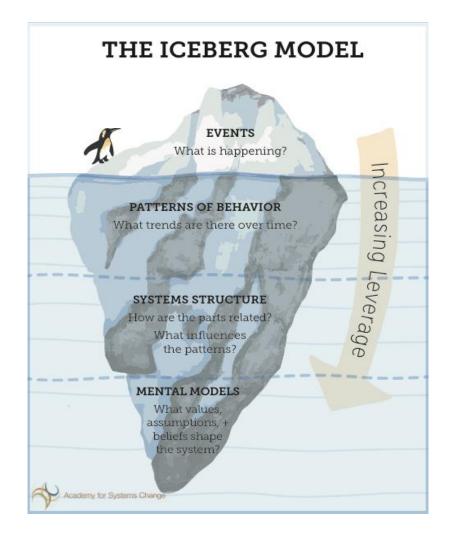
#### System thinking & System analysis - principle

A good understanding of the **root causes** of our problems provides **simpler**, more **effective** and **less expensive** solutions





#### System thinking & System analysis









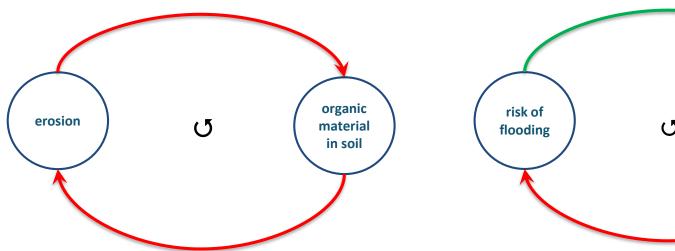


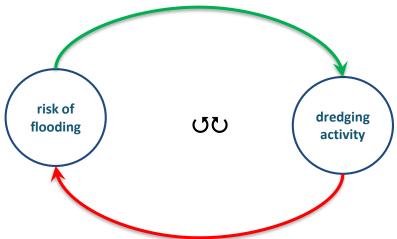






#### System Thinking & System analysis







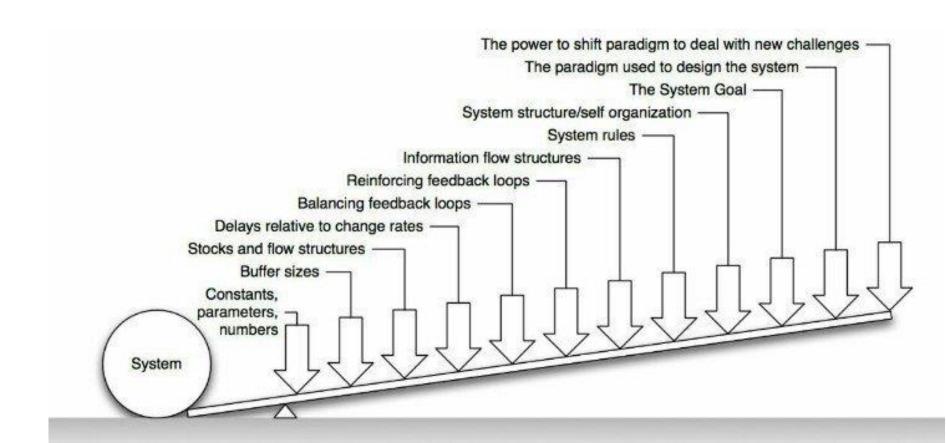








#### System thinking & system analysis

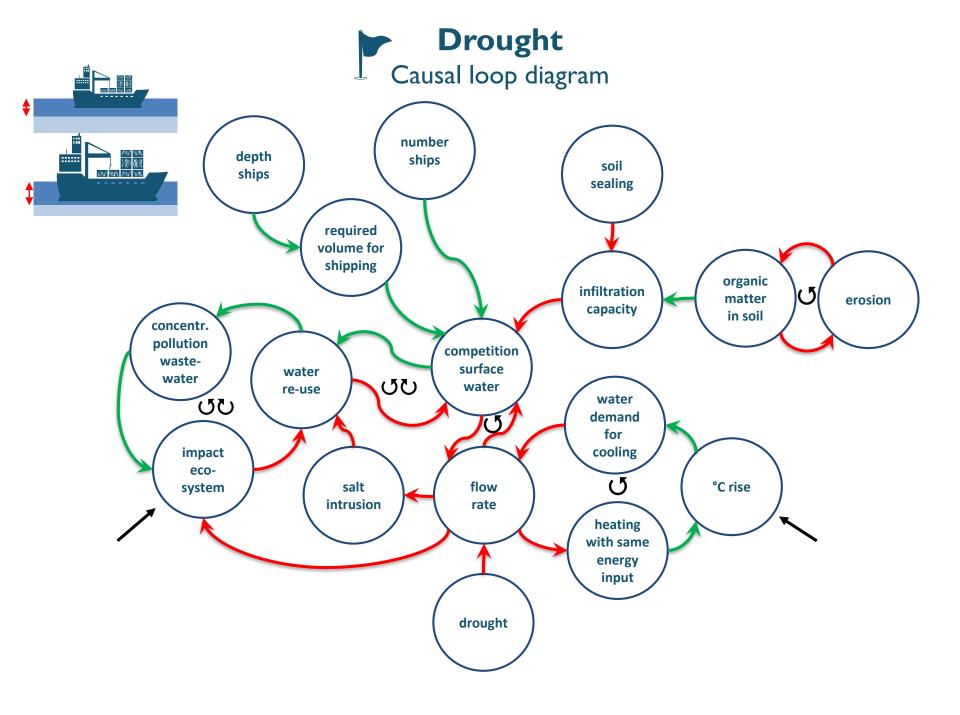




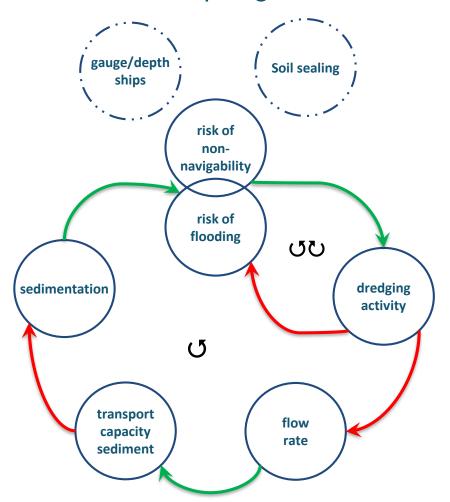


#### System thinking & System analysis - workshops



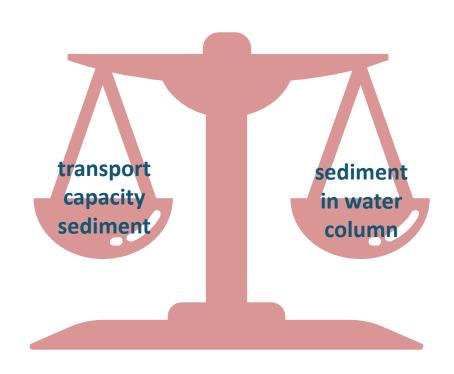


### Sediment Causal loop diagram



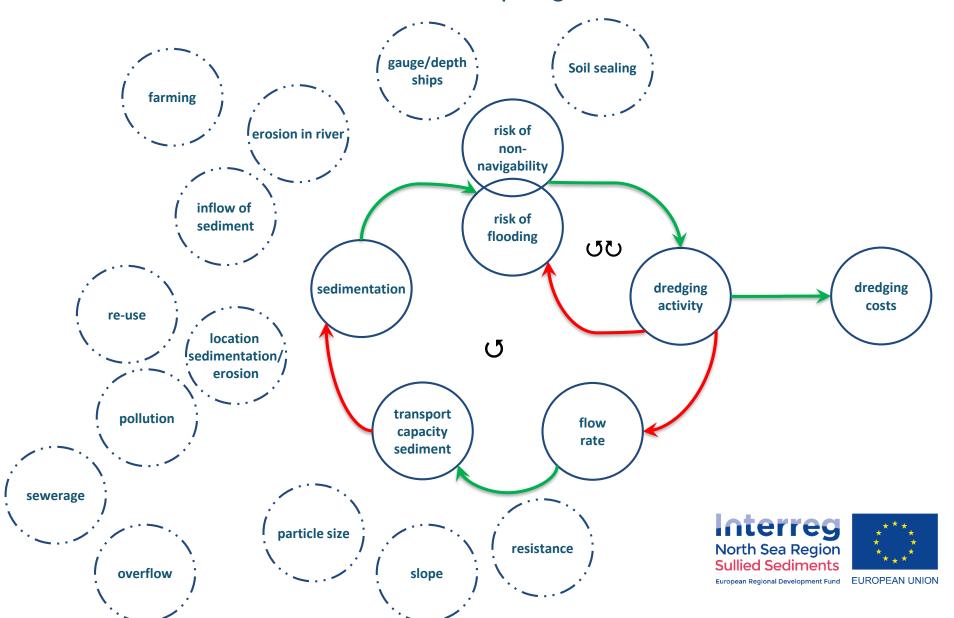


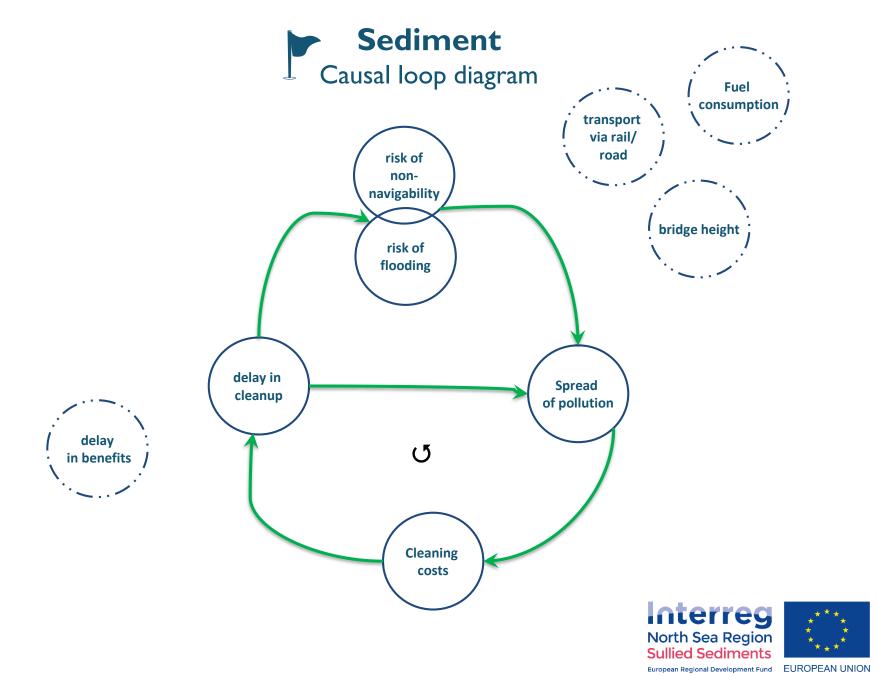


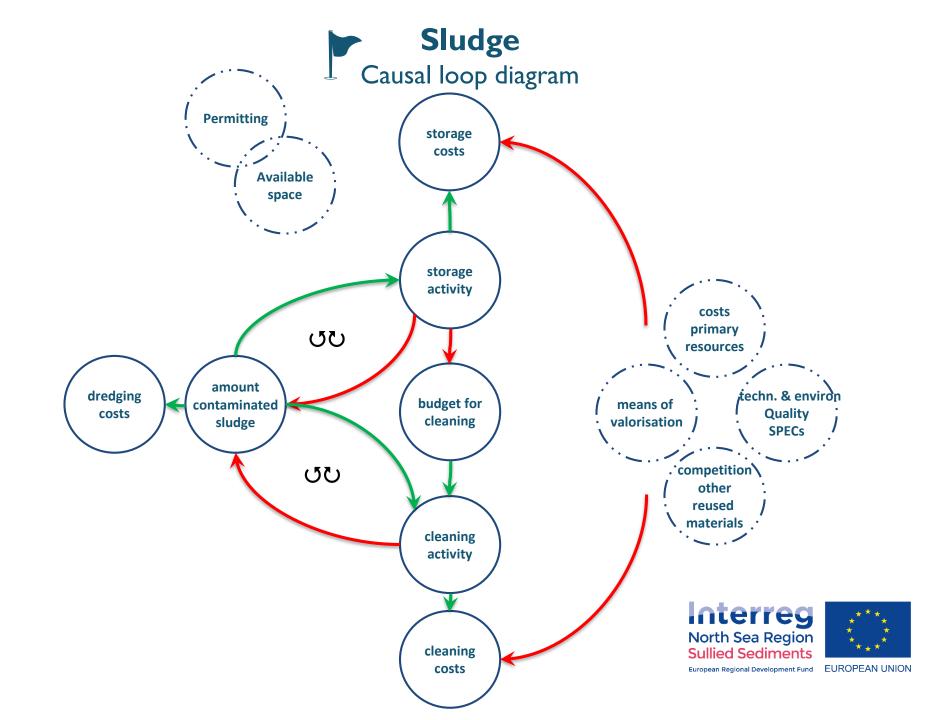




## Sediment Causal loop diagram











#### Conclusions

- System thinking & system analysis
  - Improves the perception of the reality
  - Improves the questions that should be answered
  - Increases the playing field in finding solutions

- 20 the may
  - Port of Antwerp European workshop











#### Conclusion



The scarcest resource is not oil, metals, clean air, capital, labour, or technology. It is our willingness to listen to each other and learn from each other and to seek the truth rather than seek to be right

— Donella Meadows —

AZ QUOTES











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