



Interreg
North Sea Region
IMMERSE

European Regional Development Fund



EUROPEAN UNION

Pilot on Cross-border solutions for maintenance dredging

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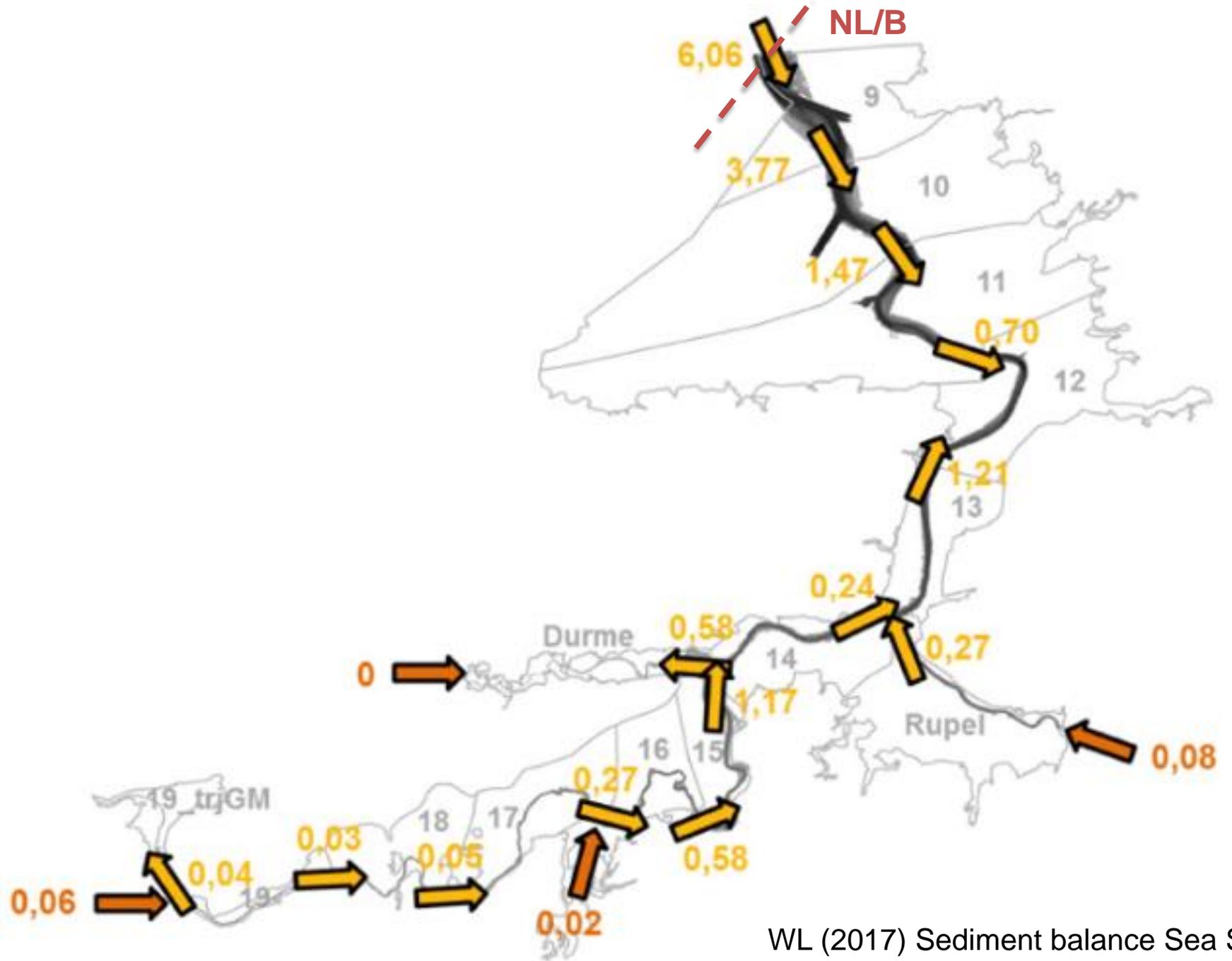


Why the need for...

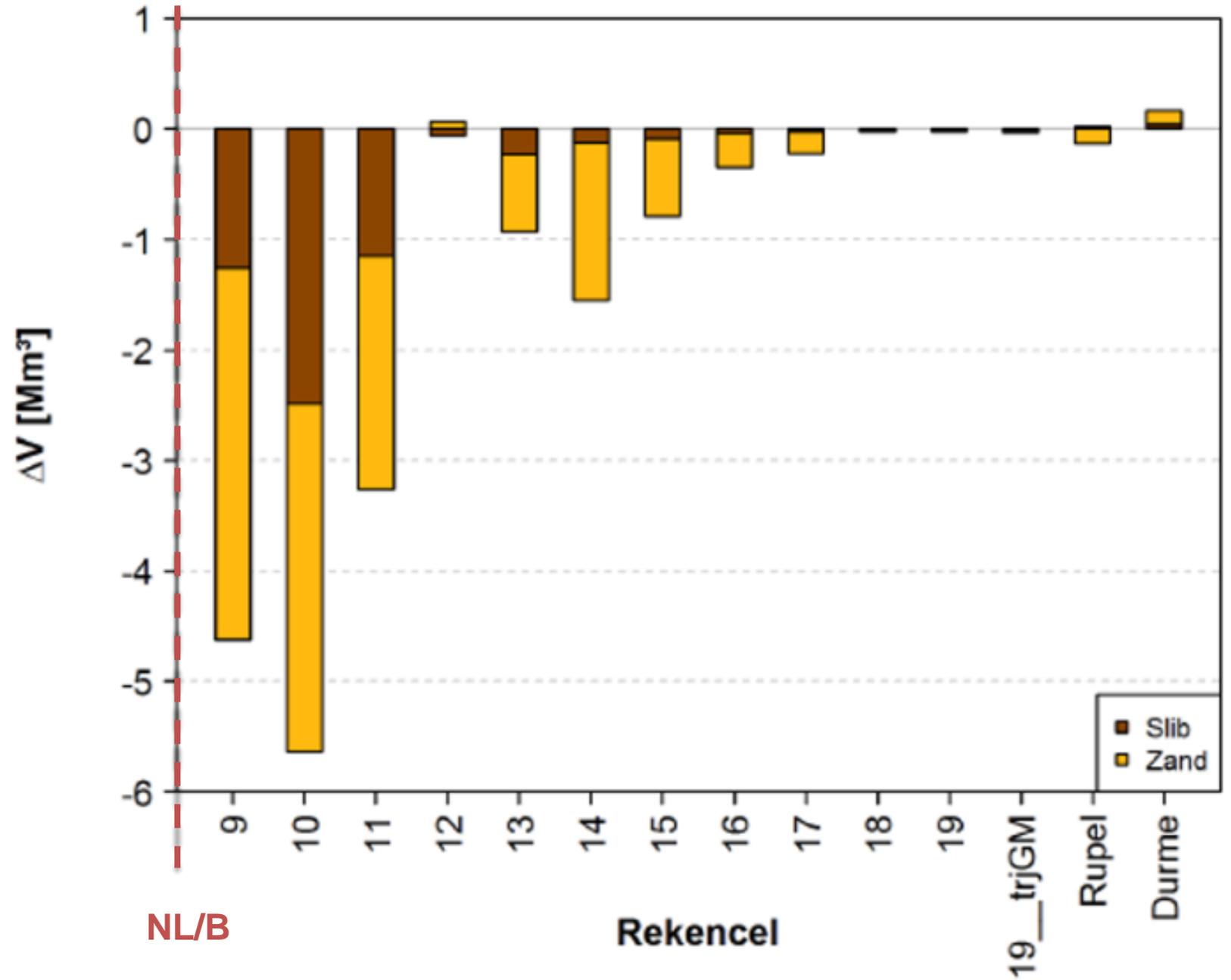
finding solutions for maintenance dredging



Photo by Bjorn Lauwerijs

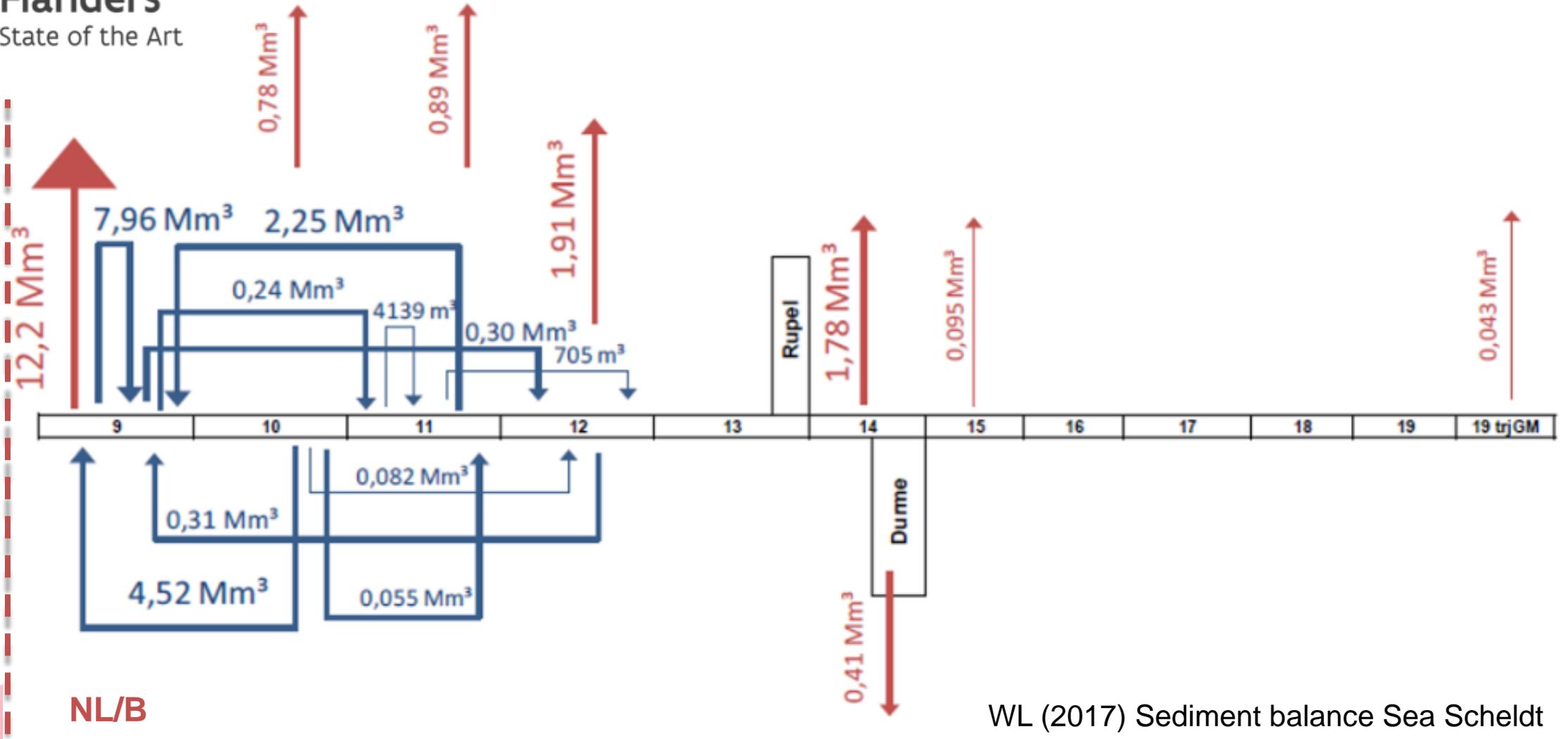


WL (2017) Sediment balance Sea Scheldt





Flanders
 State of the Art



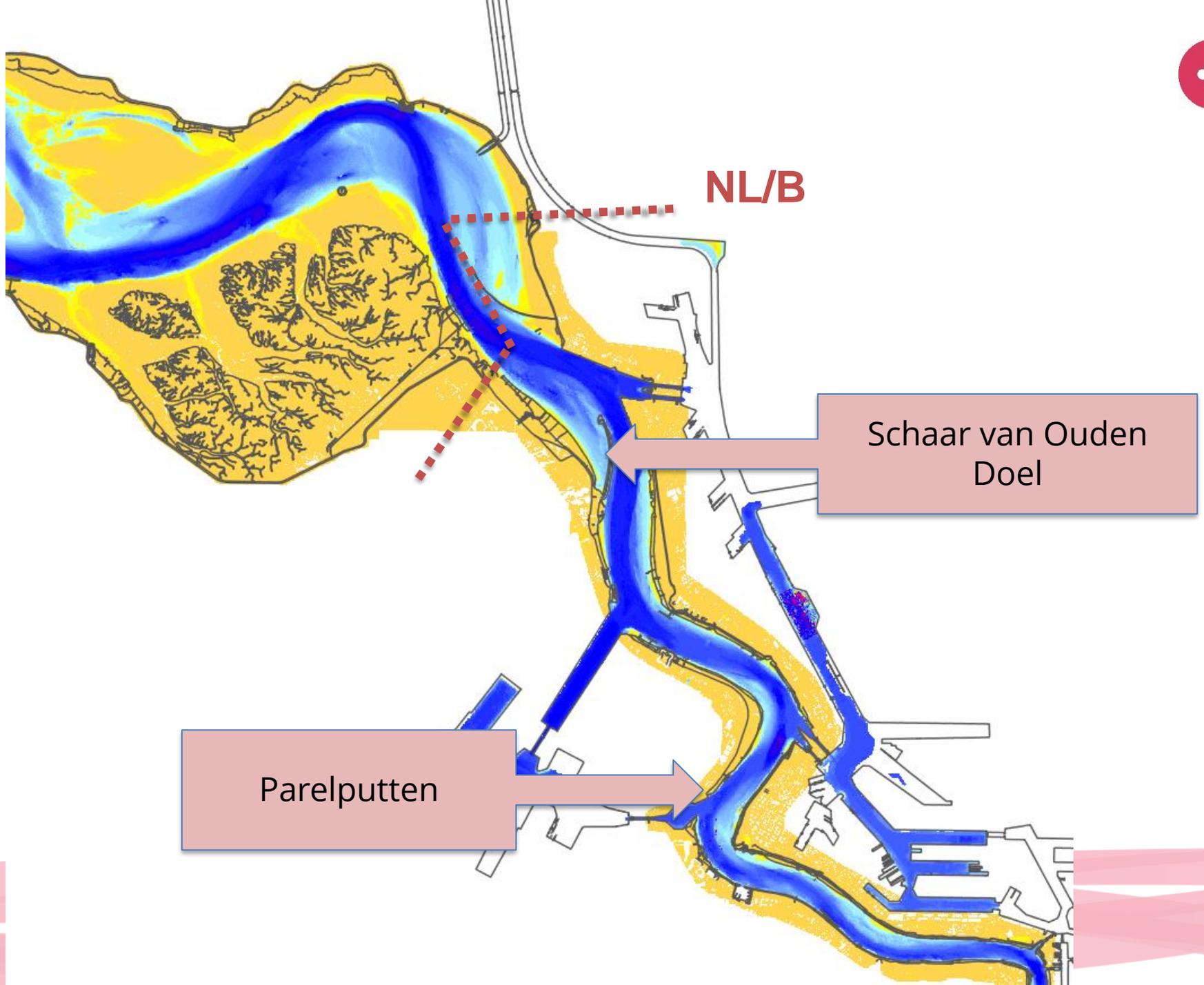




Photo by Bjorn Lauwerijs



Current sediment strategy

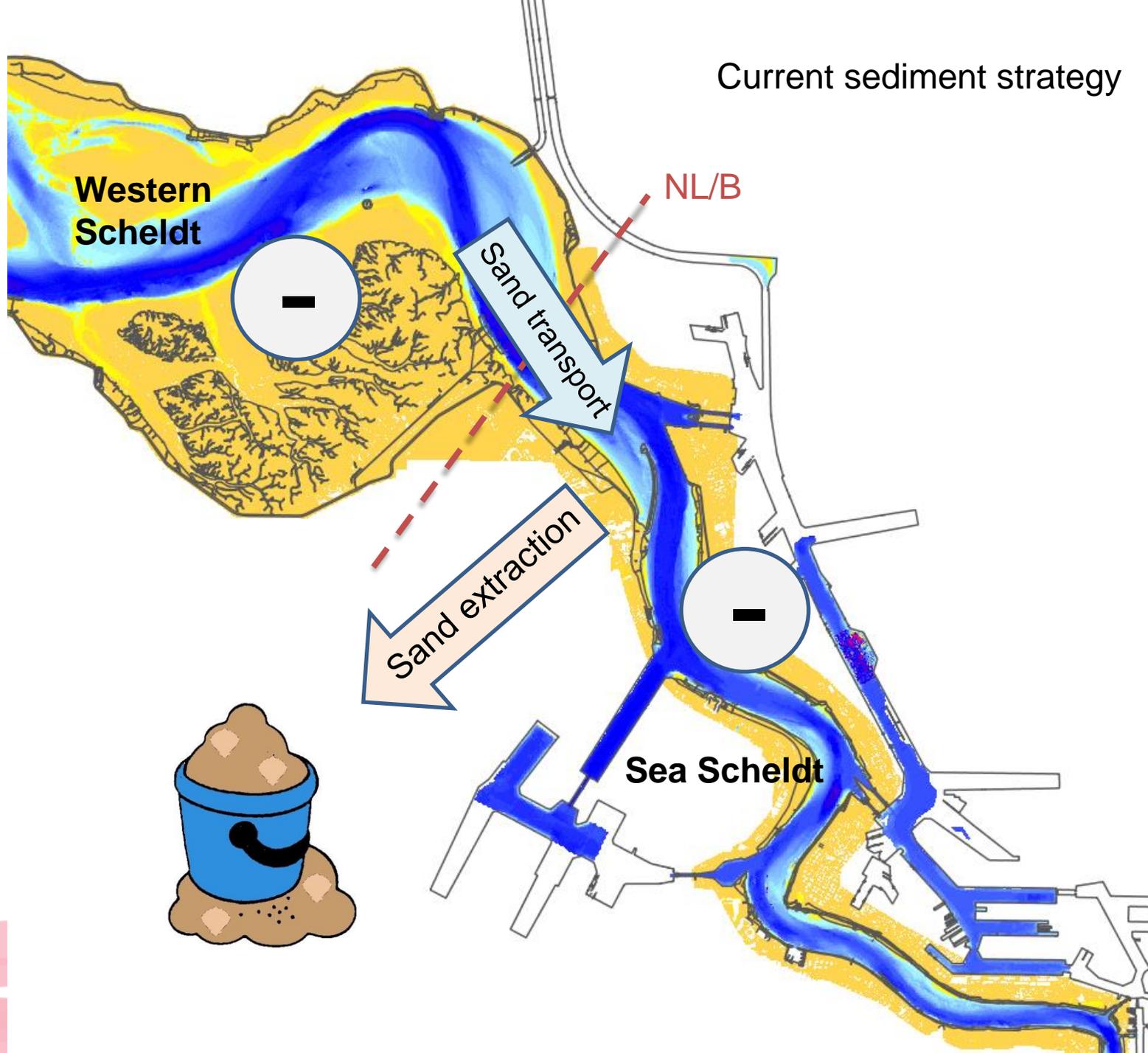
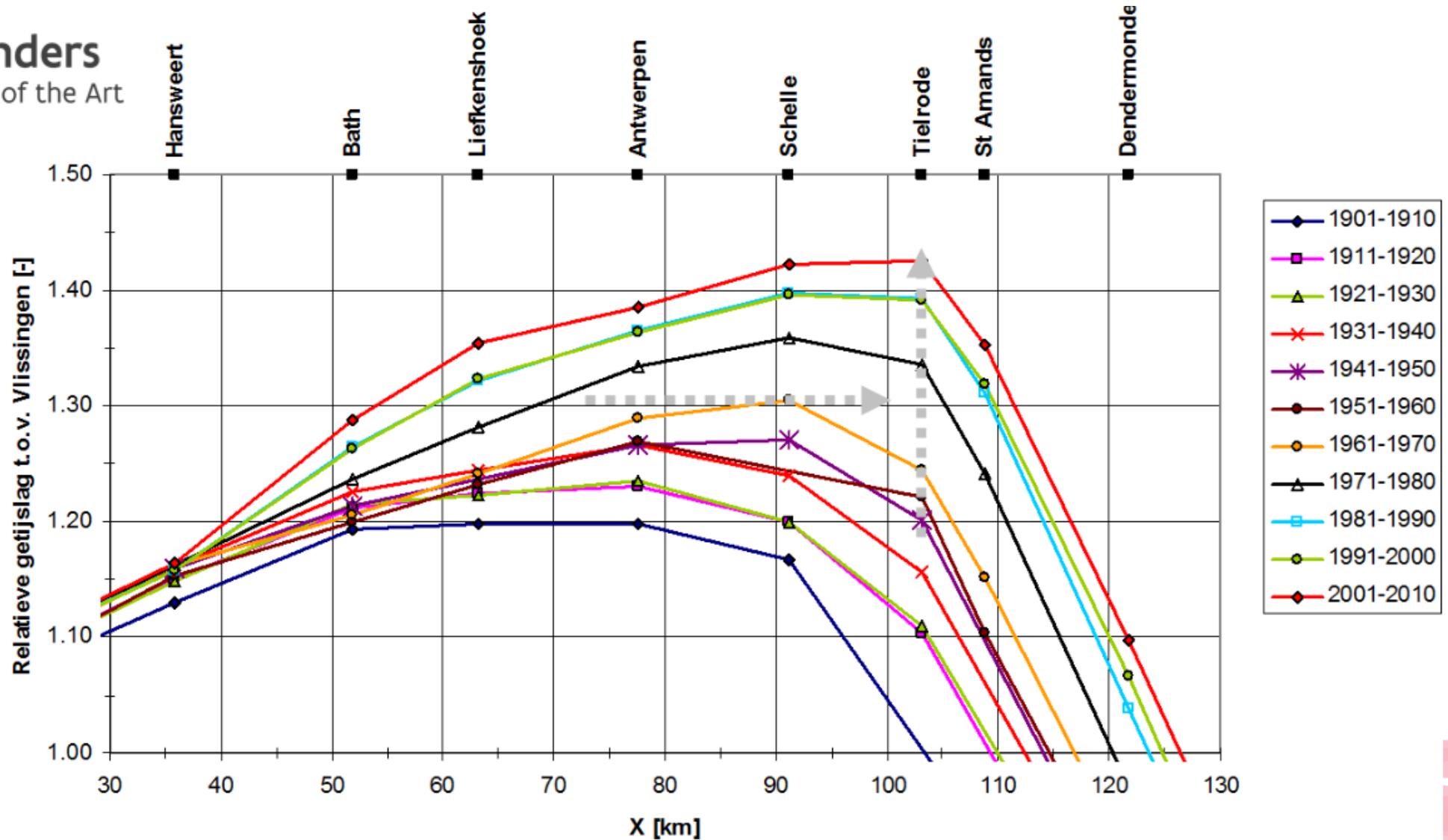


Figure based on Arcadis (2018)



Average tidal range Scheldt estuary



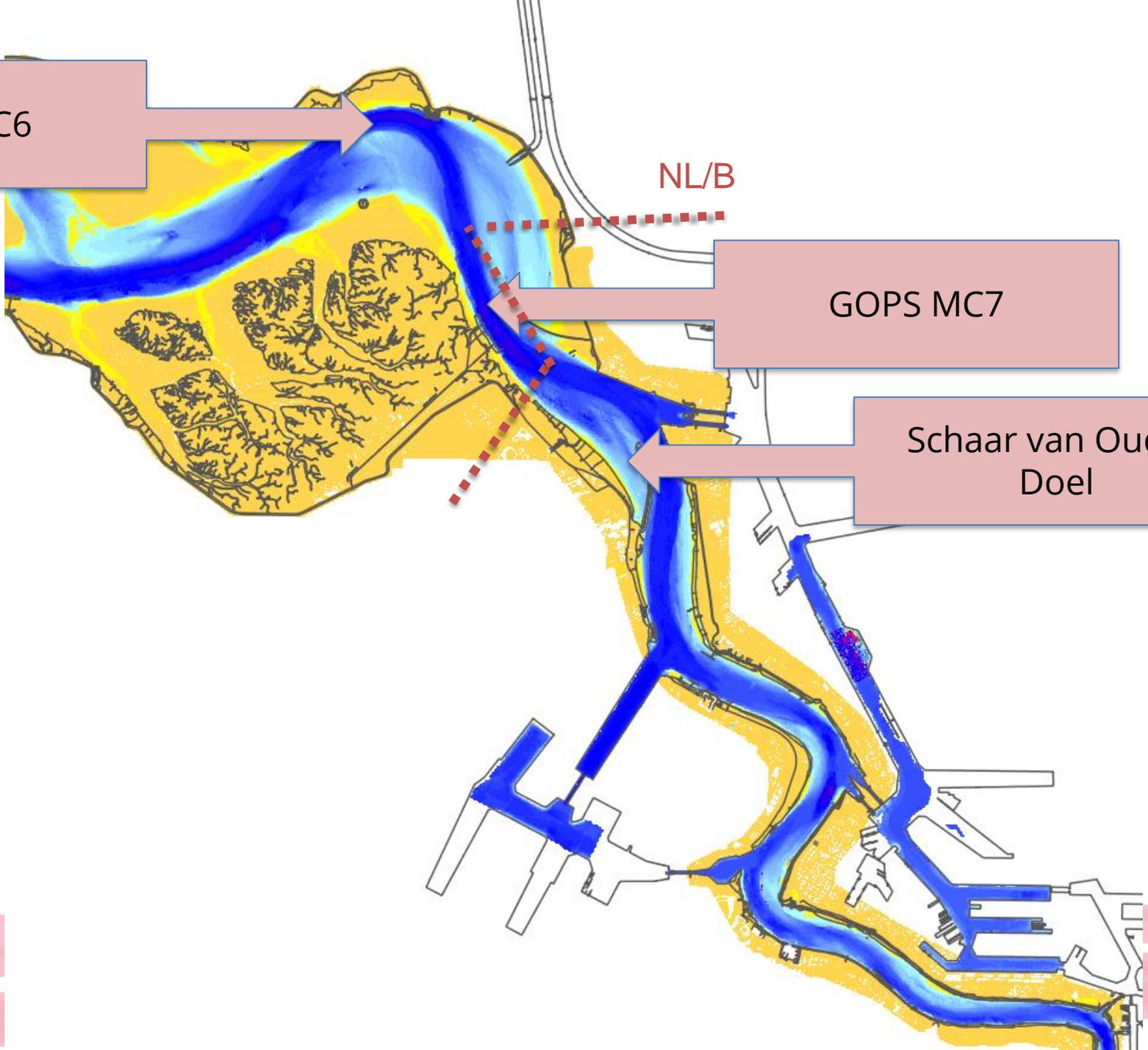
Cross-border sediment relocation

Flemish Lower Sea Scheldt → Dutch Western Scheldt



Field pilot

GOPS MC6



NL/B

GOPS MC7

Schaar van Ouden Doel



Photo by Bjorn Lauwerijs

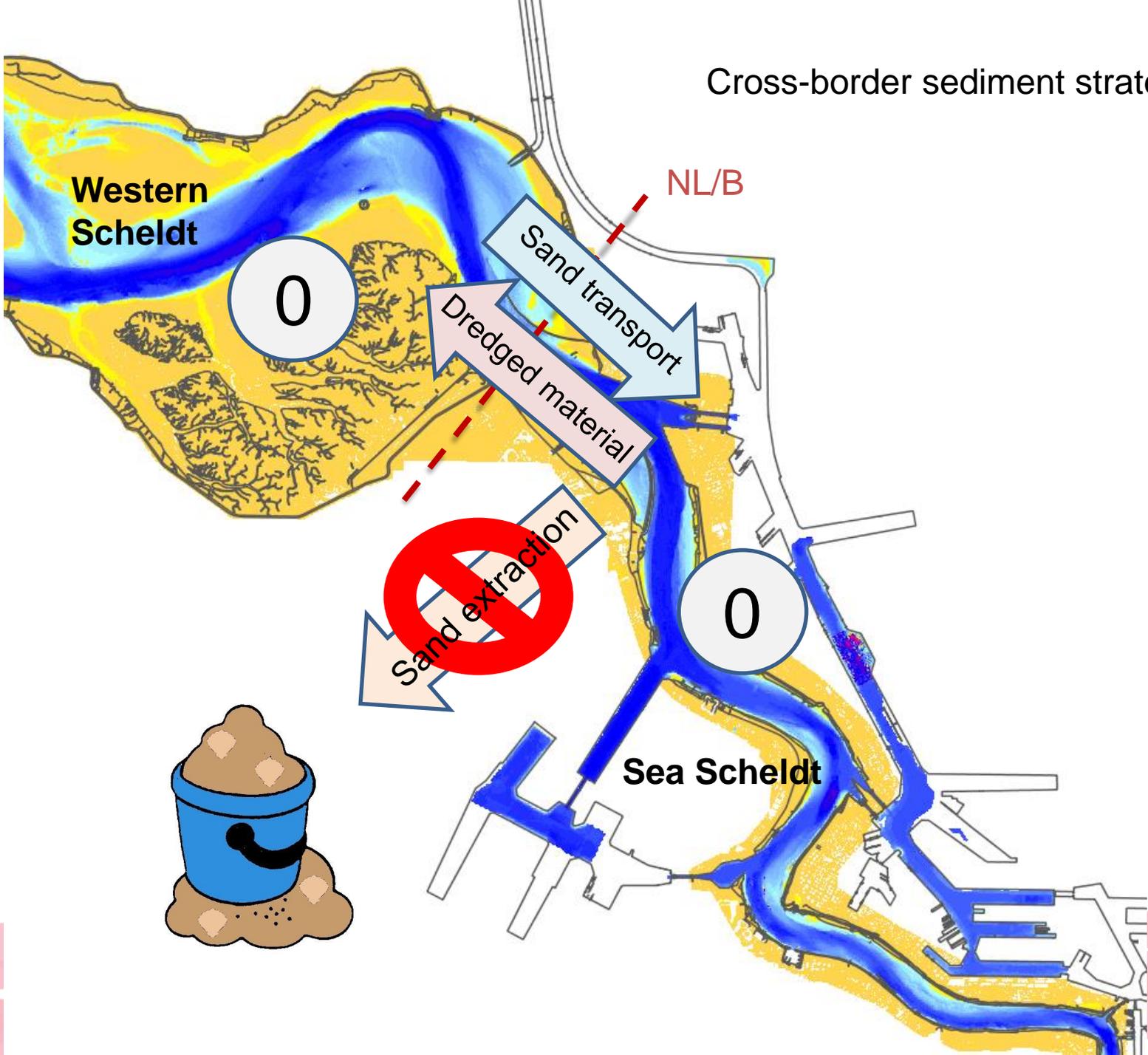


Figure based on Arcadis (2018)

Field Pilot 101

+ Dutch legislations

- Water Law
- Law Nature Protection

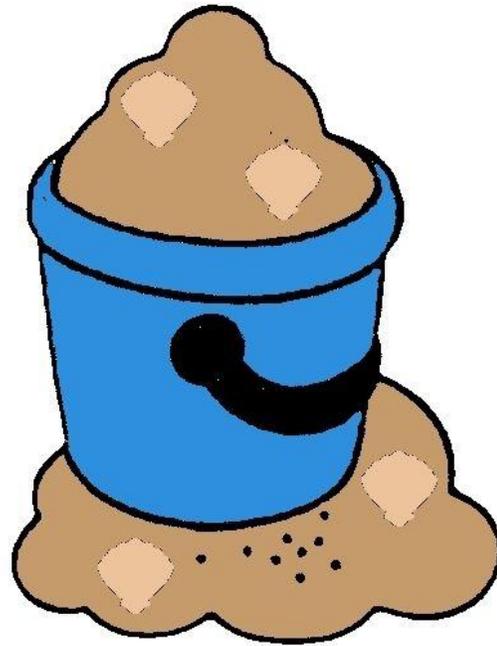
+ European legislation – Waste Shipment Regulation



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What kind of sediment?



Monitoring and Evaluation

- + Sampling beforehand
 - + Sampling during
 - + Checking morphological changes
- feasibility of this solution?

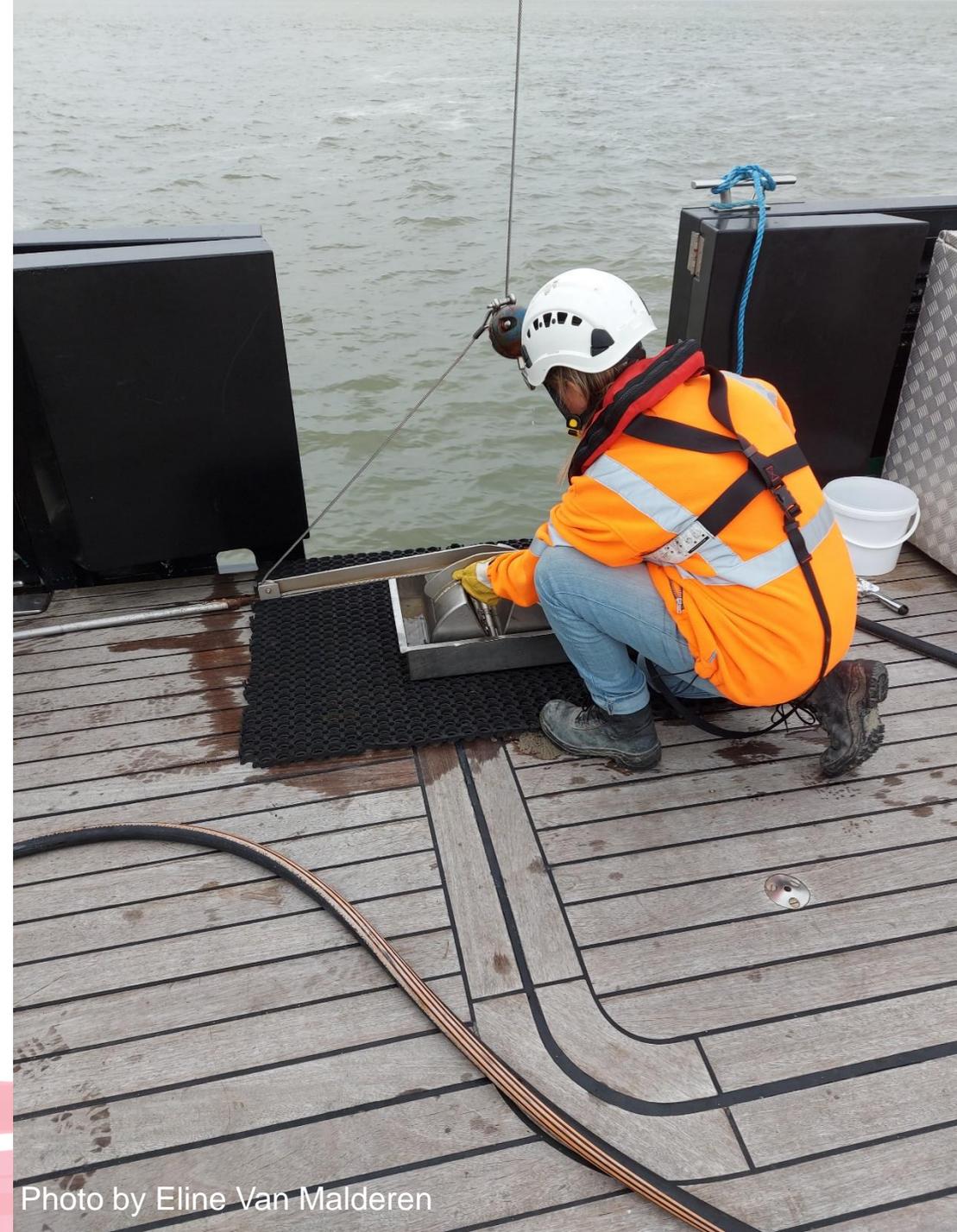


Photo by Eline Van Malderen

Why the need for...

finding solutions for maintenance dredging



Photo by Bjorn Lauwerijs

‘Working towards an Integral Sediment Strategy, not limiting ourselves to borders’

Photo by Bjorn Lauwerijs

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