

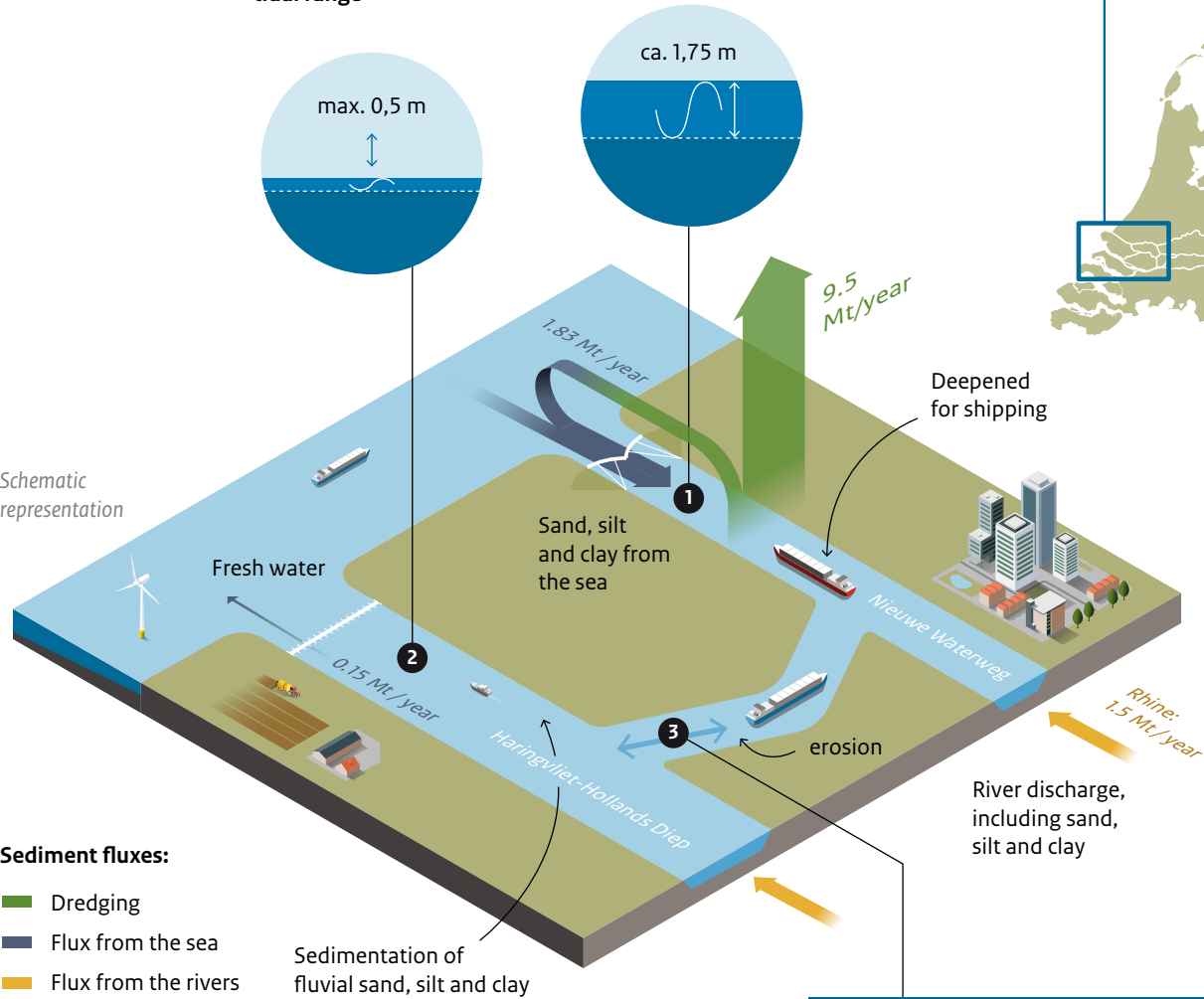
Fine sediment budget in the Rhine-Meuse river mouth

SITUATION PERIOD 2000-2020

DELTAWORKS
INFLUENCE
TIDAL RANGE

Southern outlet:
no open connection
to the sea;
**very little
tidal range**

Northern outlet:
open connection
to the sea;
tidal range

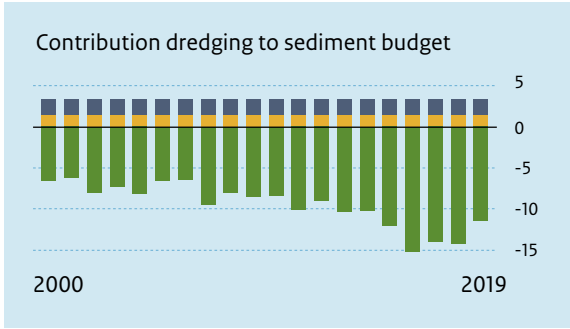
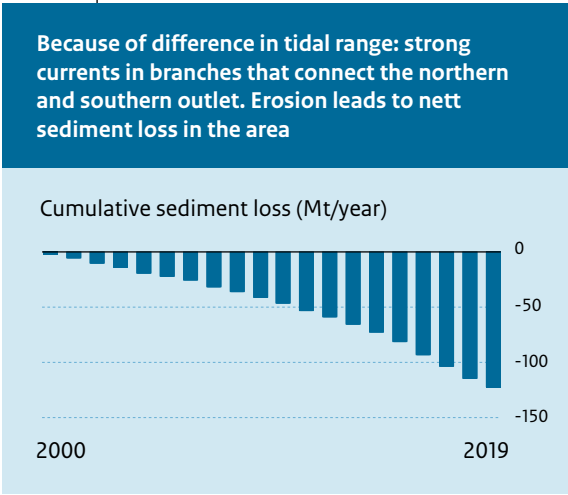


Sediment fluxes:

- Dredging
- Flux from the sea
- Flux from the rivers

ENTIRE AREA:

Contribution dredging (■) to sediment budget



Uncertainties

Large! Assume flux from the sea greatly underestimated → Then sediment loss greatly overestimated

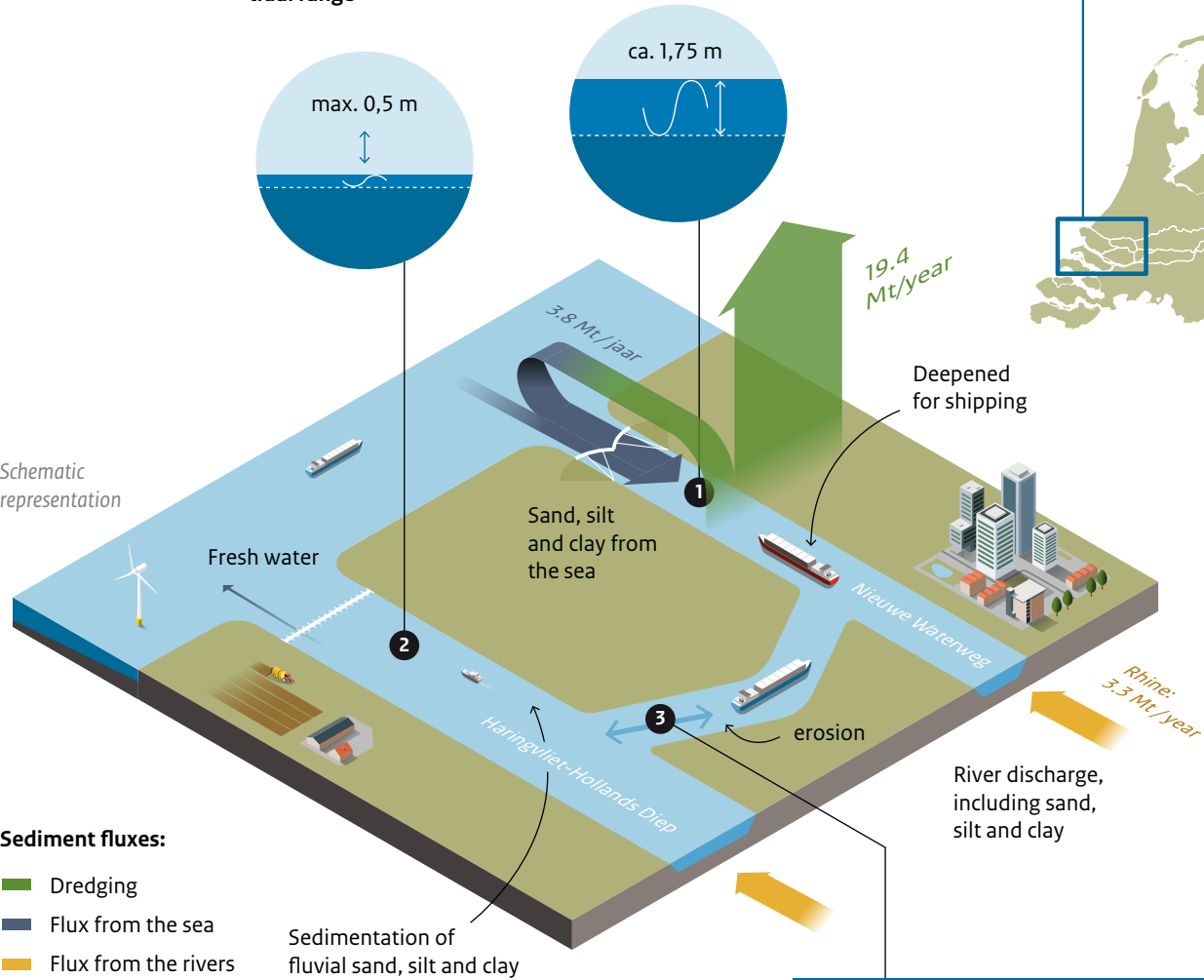
Fine sediment budget in the Rhine-Meuse river mouth

SITUATION 2050

DELTAWORKS
INFLUENCE
TIDAL RANGE

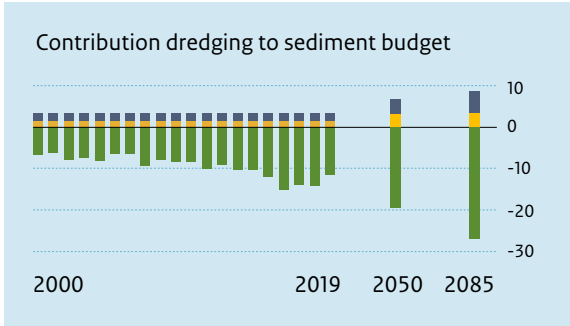
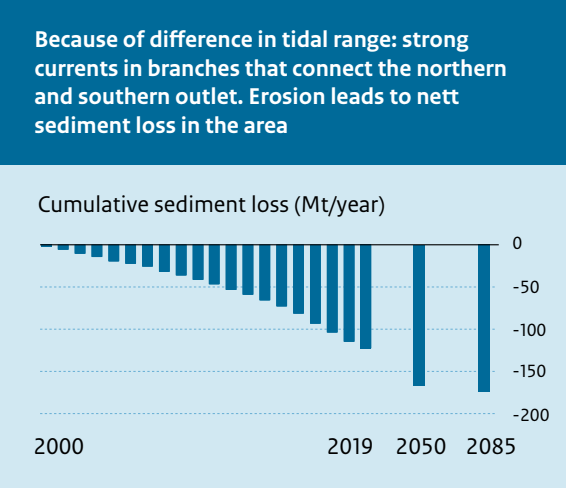
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