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Why the Sand Motor?

Pilot project to explore new sandy strategies for coastal maintenance.

- Long term coastal safety
- Recreation
- Nature
- Knowledge development



What is expected from the sand motor?

- Mega feeder-nourishment
- 20 million m³ of sand spreads in 20 years

- 33 ha of extra dune area
- ...





Research at the Sand Motor

Interdisciplinary research effort

NEMO (3 PhD and 3 Postdoc)

Naturecoast (12 PhD and 3 Postdoc)

EFRO (monitoring)







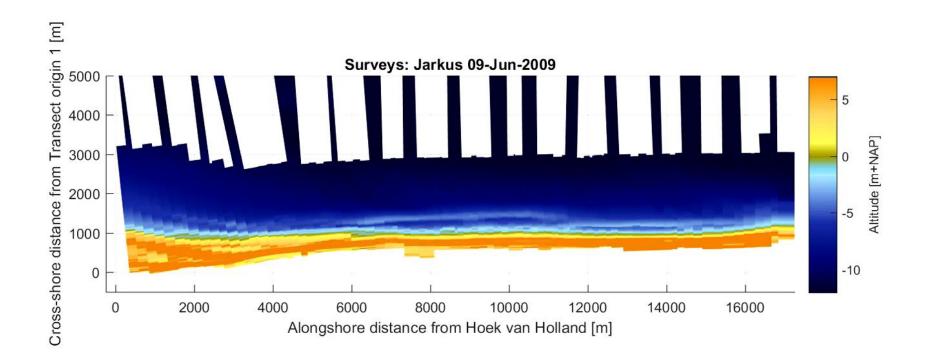


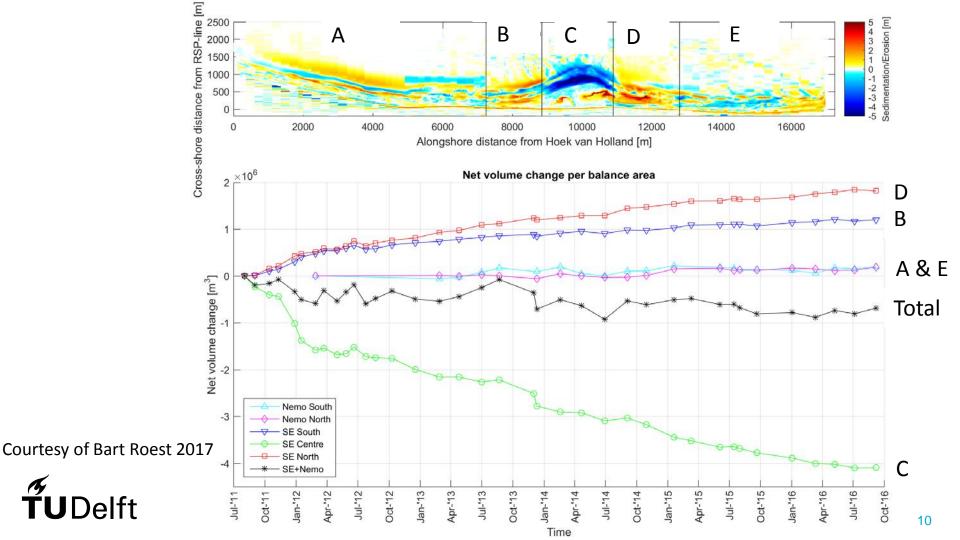


Sediment spreading in the Delfland coastal cell









First appraisal of the Sand Engine

- Spreading of sediment occurs
 - Alongshore spreading 5.8 km (initial 2.5 km)
 - Lifetime is probably longer than 20 years

The sand engine works well...

