Factsheet Tidal area Kreetsand

- Planning period: 2007 – 2010
- Approval process: 2010 – 2012
- Construction phase: 2012 - 2022
- Investment: about 80 Mio. €
- New tidal area: 30 ha
- Tidal volume: 1 Mio. m³
- Excavated soil: 2 Mio. m³
  - Transport of a large part by water to avoid trucking
  - Identification and disposal of polluted soils
  - Reuse of the remaining excavated soils in other projects
- Overriding objectives of the project:
  - Positive impact on tidal action and habitat enhancement
  - Reduction of the tidal pumping effect as well as the required sediment dredging
  - Beneficial for nature and water protection, tidal Elbe development and climate impacts, local residents and recreation, enabling a positive tidal and nature experience
- Important success of the project:
  - 2009: Qualification as an IBA Excellence Project within the framework of the International Building Exhibition Hamburg
  - 2014: Certification and "Best Practice in Working with Nature" award by PIANC, one of the oldest global technical and scientific associations for waterborne transport infrastructure
Condition before 2012:
- Foreland approx. 42 ha
- Average height + 5 m above sea level
- Uncultivated land
- No participation in tidal action

Condition today:
- New water area approx. 30 ha
- Average depth - 2.5 m below sea level
- Valuable tidal habitat
- Participation in flood and ebb current

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