Session: Sediment remediation and uses

- 3 interesting presentations from 3 different countries (USA, Norway, Germany)

- There is a link between these presentations:
  - Impact of propeller activity on transport of suspended sediment in ports
  - 2 practices to support surrounding resources by placement of dredging material and by new method working with sediment to solve societal challenges.

Speakers have proven that working with sediment solve lot of challenges.
Usually erosion and sedimentation level each other out. The river keeps its shape.

Sediment deposits inside the reservoir

(Carapuço, Sednet2015)
Natural Water
The flow connects 5 natural elements

- temperature
- water
- gas/chemistry
- solids
- creatures

Flow rate

ConSedTrans - Method
System Sensitive Solution - Continuous Transfer of Sediments

The continuous transfer of sediments can be combined with the optimized regeneration of renewable energy.