

# Sediments in rivers

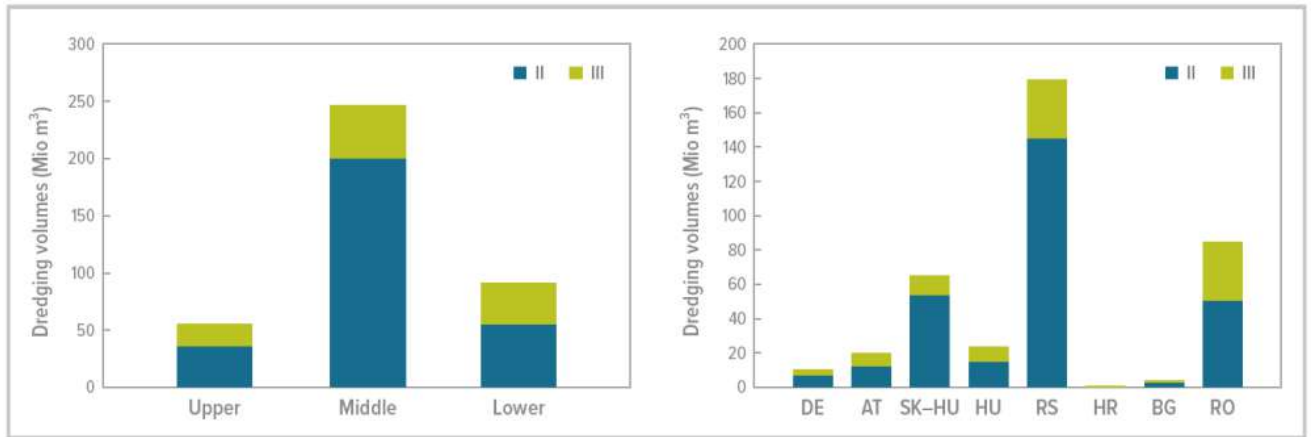
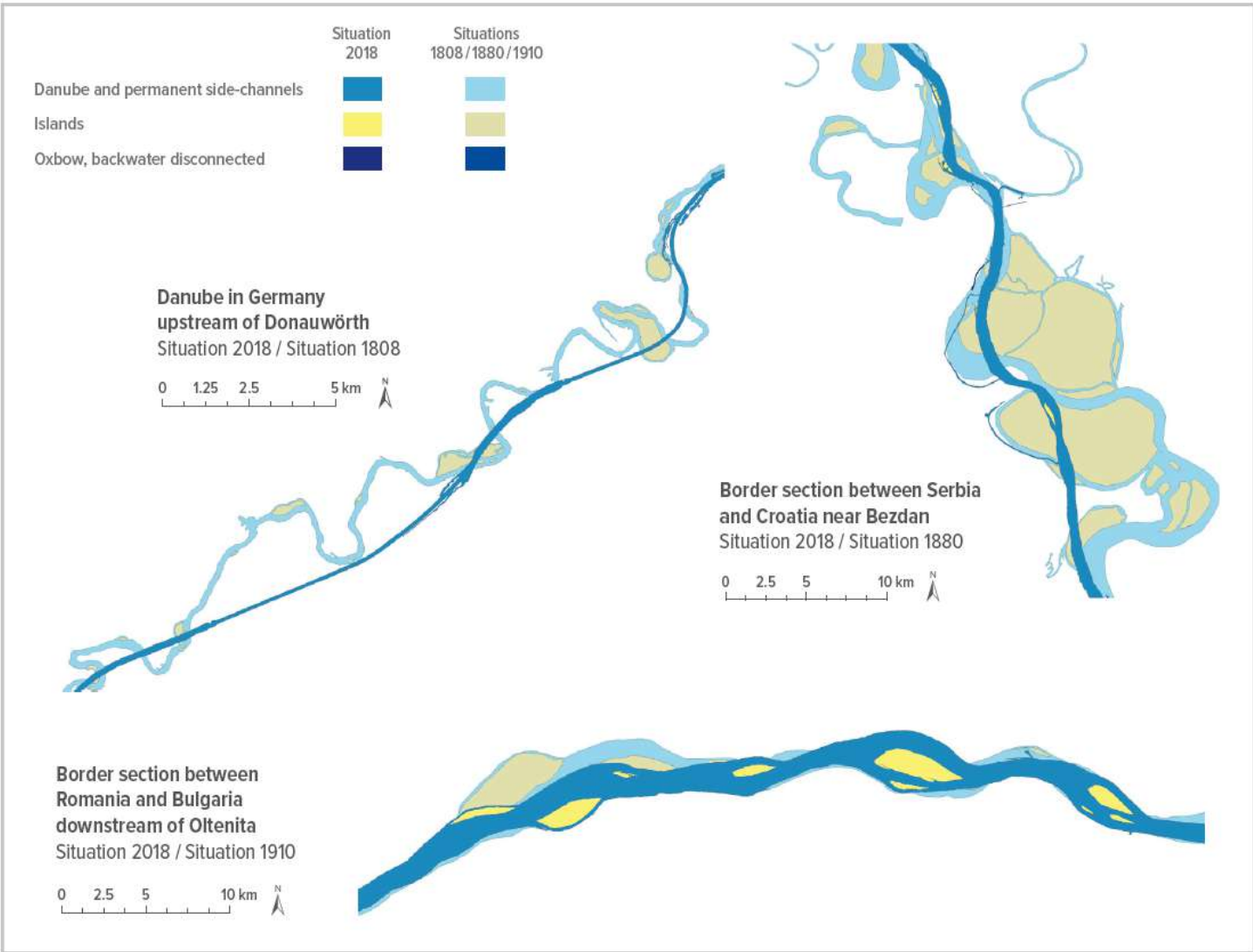
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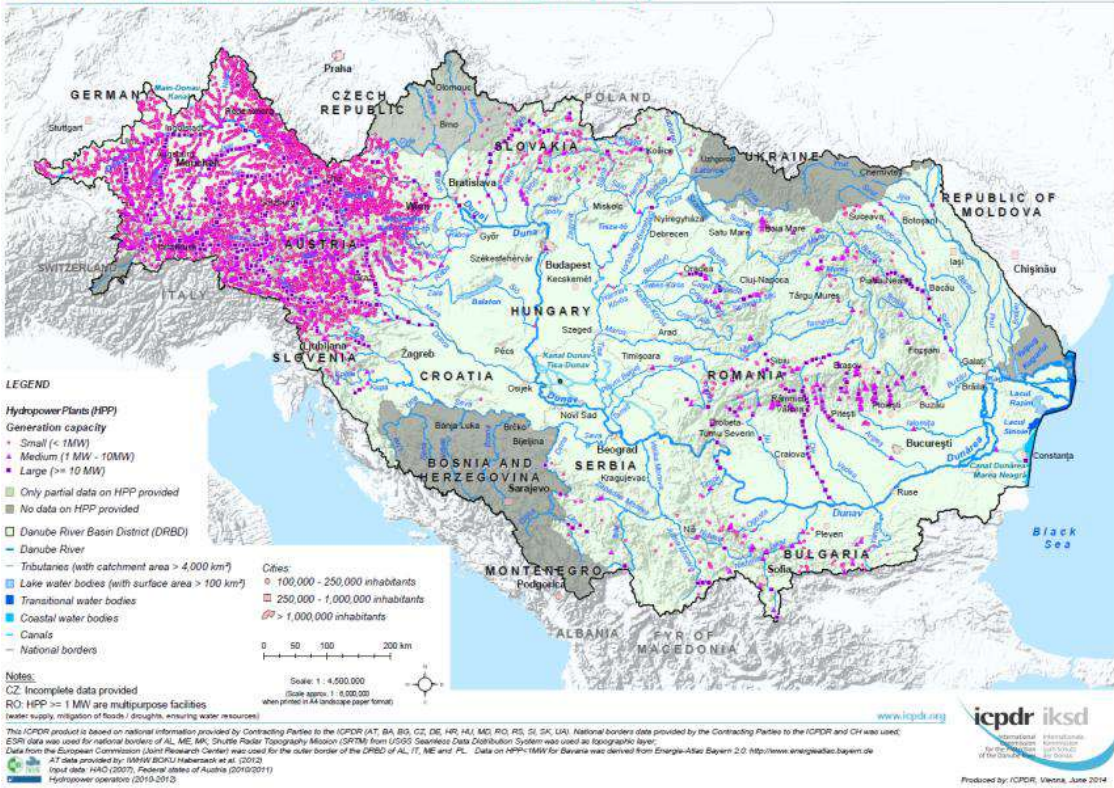


# Sediment related impacts



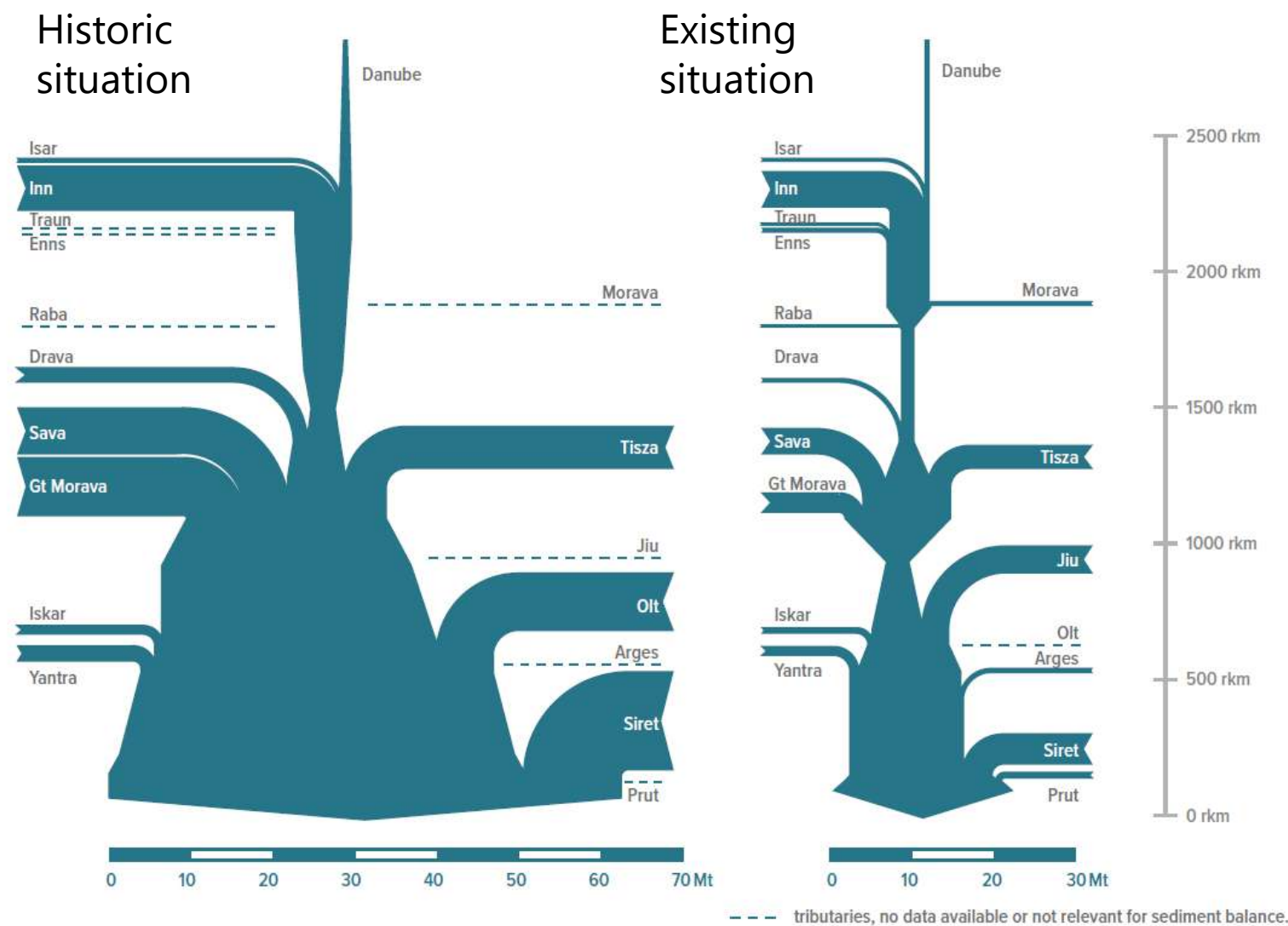
	Width	Length
Upper Danube	- 39%	-11%
Middle Danube	- 12%	- 4%
Lower Danube	- 4%	-1%

Danube River Basin District: Hydropower Plants (HPP)



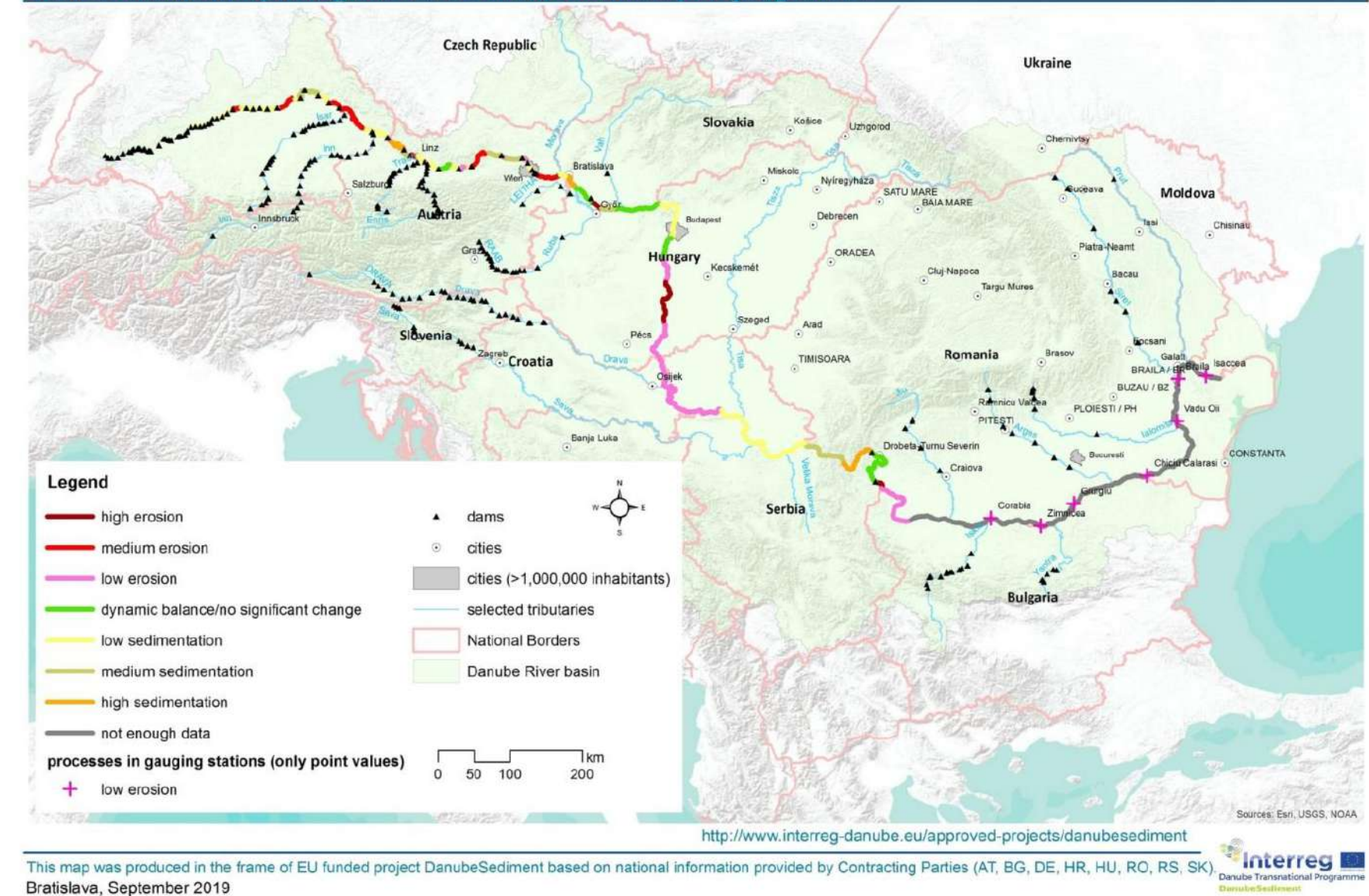


# Sediment Balance Alteration



→ Reduction of suspended sediment input to Black Sea by about 60 %

Short-term erosion and sedimentation reaches based on synthesis of all available morphological data combined with expert judgement

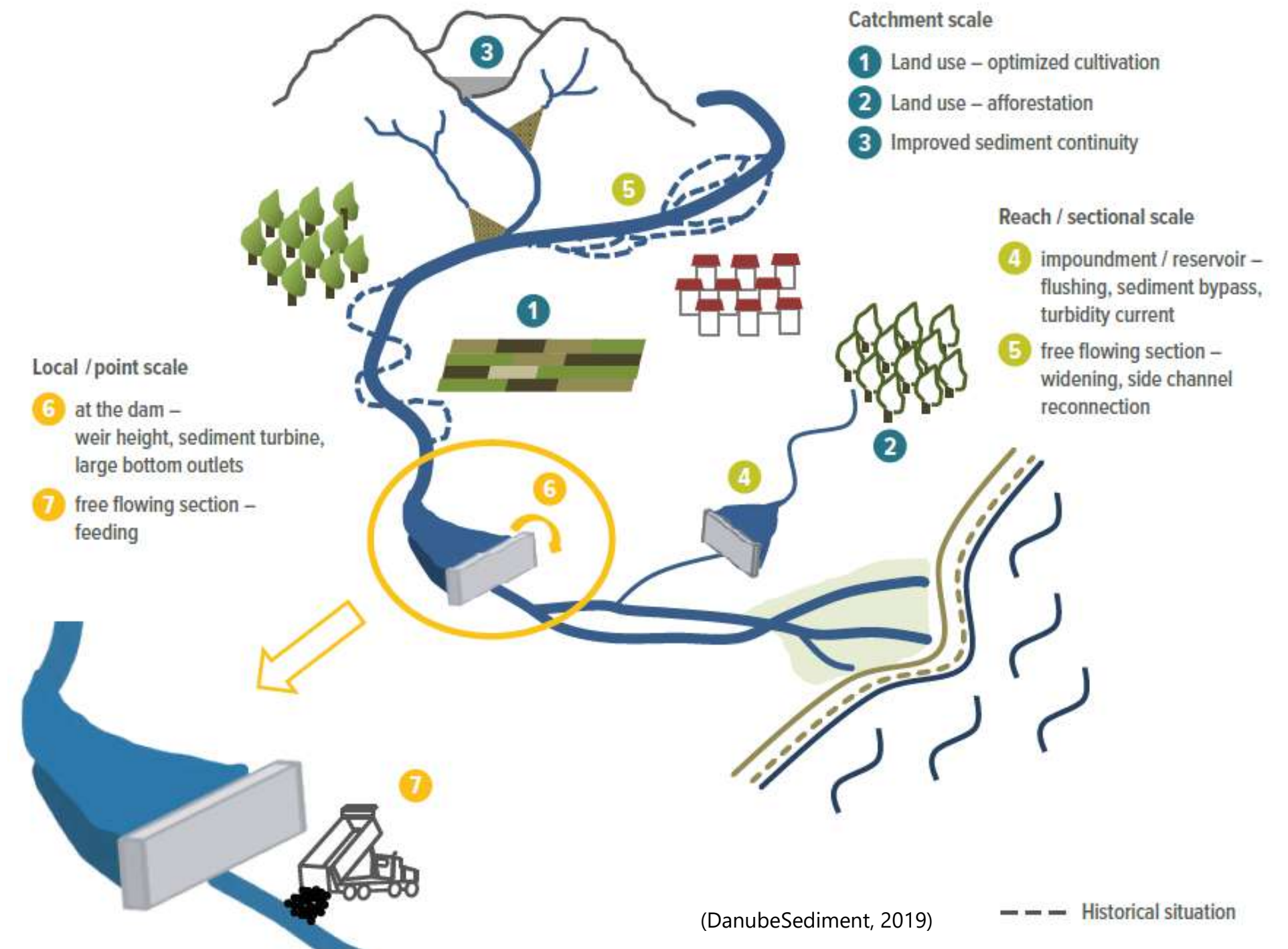


Erosion: 56 % (29 %)  
Sedimentation: 34 %  
Equilibrium: 10 %



# Sediment Management Measures

- Recommendations and generic measures for different stakeholder
- Measures divided into different scales as well as impoundments and free-flowing sections
- Factsheets for about 50 sediment management measures
- No assignment of measures to specific locations



# DanubeSediment\_Q2

- The main objective is to **improve sediment quantity and quality management** in the Danube River Basin (DRB) to support the ecological conditions
- Specific Objectives:
  - Improved sediment monitoring, data management and evaluation methods in the Danube River Basin
  - Feasibility of practical solutions to address sediment alteration being co-created with stakeholders
  - Developed transboundary Integrated Sediment Management Plan (ISMP) for the Danube River Basin



- Project start: 01.01.2024
- Project end: 30.06.2026
- Project duration: 2,5 years
- 15 Project Partners
- 39 Associated Strategic Partners
- Total budget: 2,893,187.47 EUR
- Interreg Funds: 2,314,549.97 EUR



# Thank you for attending!



## DanubeSediment\_Q2

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