

River-sea systems – The Challenge



Estuaries



Cultural heritage



Fishing



Habitat pressures



Sediment starvation



Catchment change



Industrial development



Recreation



Geo-hazards



Societal pressures



Deltas



Flooding



Global warming



Energy



Tourism



Drought



Navigation



Pollution



Storm surge



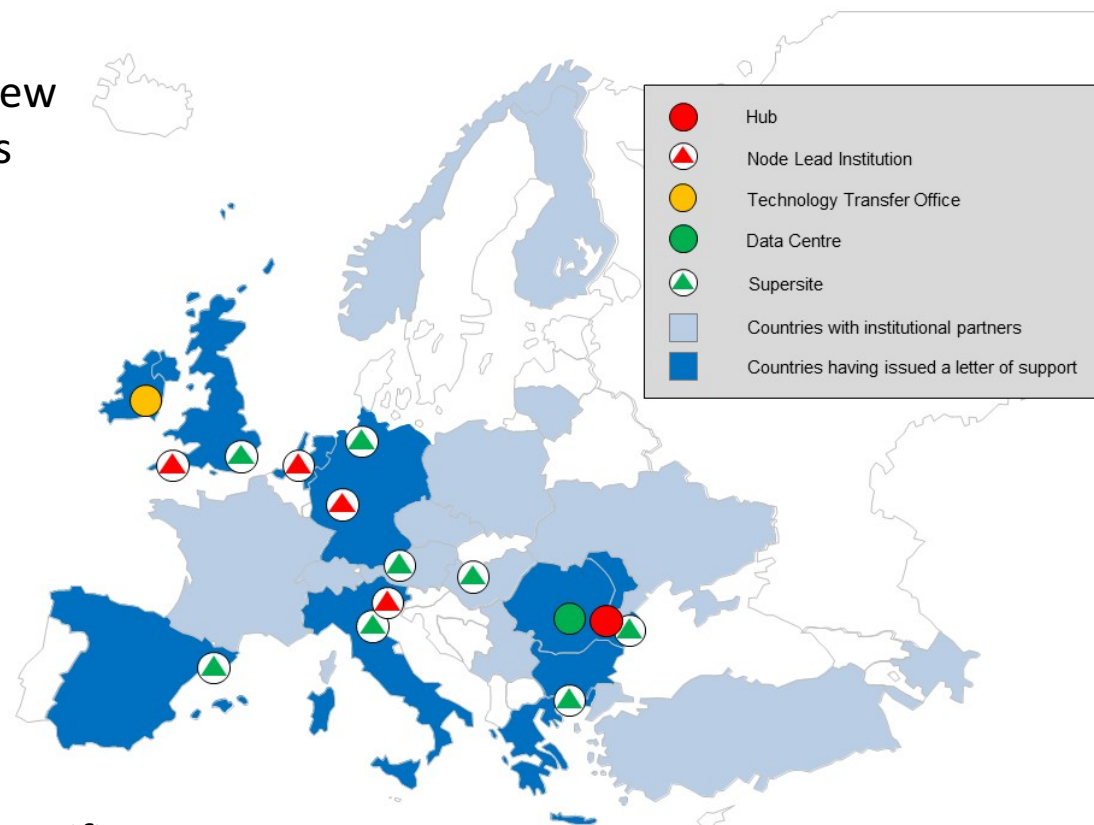


International Centre for Advanced Studies on River-Sea Systems

Addressing societal challenges related to river-sea systems requires new approaches to world leading research, spanning traditional disciplines

DANUBIUS-RI:

- distributed, pan-European RI, led by Romania
- supporting interdisciplinary research
- hub, 4 nodes, data centre, technology transfer office, 8 supersites
- step change in understanding through a sustained breakdown of barriers to interdisciplinary research and knowledge transfer
- platform for collecting, analysing, modelling and retrieving river-sea system data useful to related scientific disciplines
- harmonised instrumentation, protocols and data acquisition (DANUBIUS Commons) to guarantee quality and consistency of scientific output
- open access based on competition and selection of proposals evaluated on scientific excellence and social and economic relevance



*from data to information to
knowledge to wisdom*