



Supporting a “source-to-sea” management with multiple benefits for nature and communities

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Project kick-off meeting





Overview of the project

What: To explore the S2S approach

- Evidence
- Monitoring
- Decision-making tools;
- Practices (e.g., land management & NBS) and their finance.

How

- Review S2S practice (UK/abroad)
- Select 3 case studies
- Consult with experts, policy advisors, officers, practitioners
- Workshop
- SEFARI 'case study' – roadmap to S2S

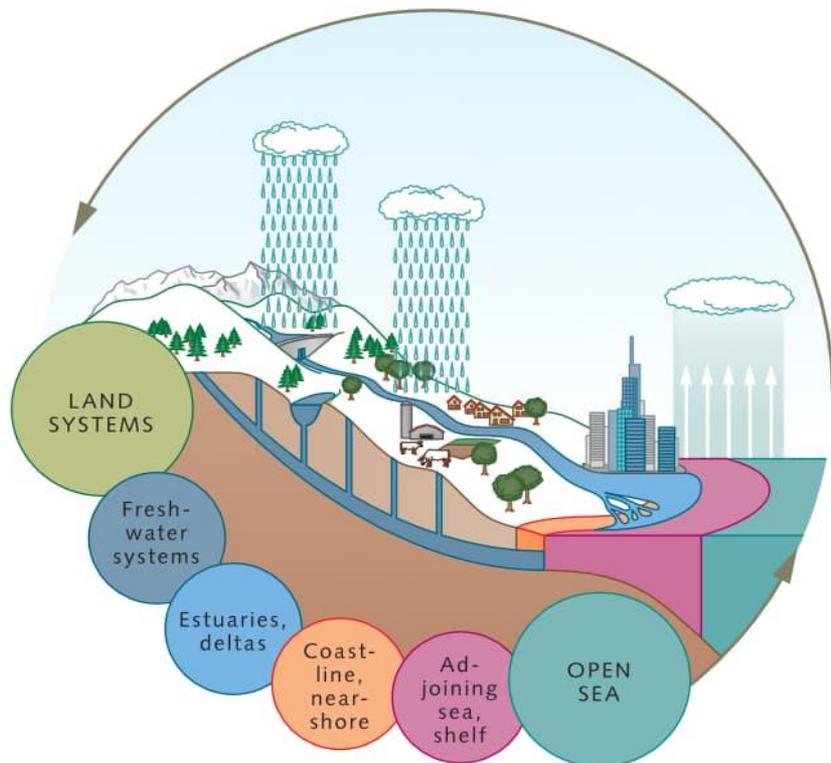
When

- August: Blog
- November: Workshop
- February: SEFARI 'case study' + contact list of relevant stakeholders



Why the 'source-to-sea' approach?

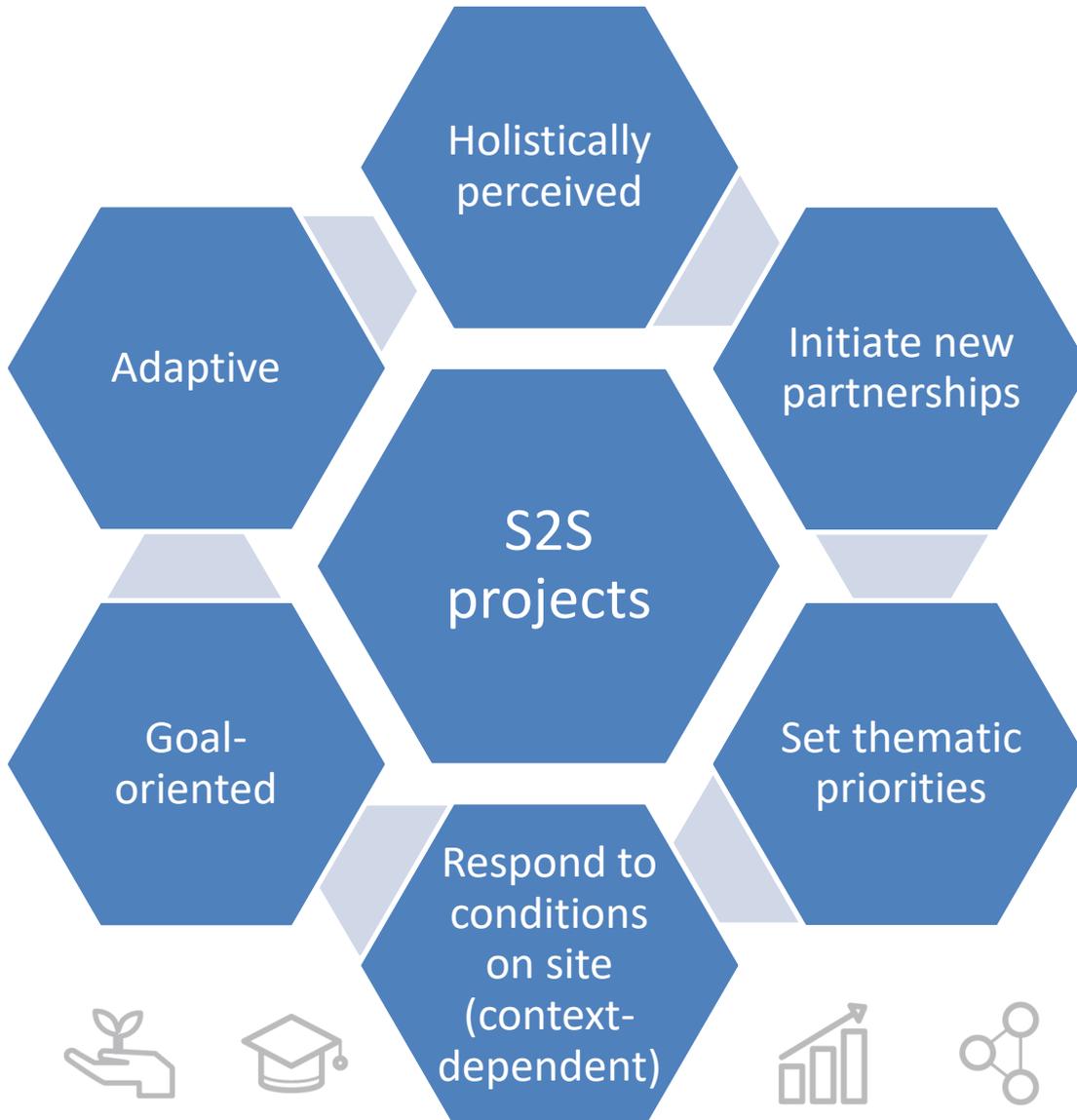
- To connect the dots
- To manage the interlinkages – flows considering causal relationships
- To address upstream and downstream linkages across issues/sectors (environmental, social & economic) at the S2S scale simultaneously and not in silos



- Interlinkages at the S2S scale
 - Space: movements of water, sediments, organisms, pollutants, materials and ecosystem services
 - Human local activities, uses, interests, regulations with consequences upstream/downstream



Characteristics of S2S projects



■ Benefits

- Better understanding
- Prioritise issues
- Target interventions
- Minimise trade-offs
- Minimise overlaps
- Longer-term sustainability
- Bottom-up approach securing needs of different stakeholders
- SDG implementation

Evidence gaps in Scotland and potential for case studies

- Where/why have the interlinkages between land use and coastal ES (e.g., saltmarsh and seagrass carbon sequestration and contaminant removal, coastal wildlife and nursery habitat maintenance, coastal defences, and recreation) been altered?
- How do these alterations influence habitat connectivity for Atlantic salmon and wildlife?
- What are the impacts of these alterations at the S2S scale?
- What monitoring, technology, practices can help address these impacts sustainably and adaptively?
- How could the S2S approach inform siting of riparian and coastal NBS for multiple S2S-scale benefits?

Can you help us
identify case
studies?

