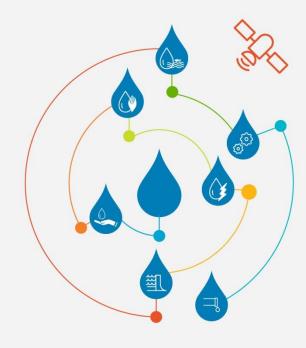
Source-to-Sea Approach: an Innovation in Governance



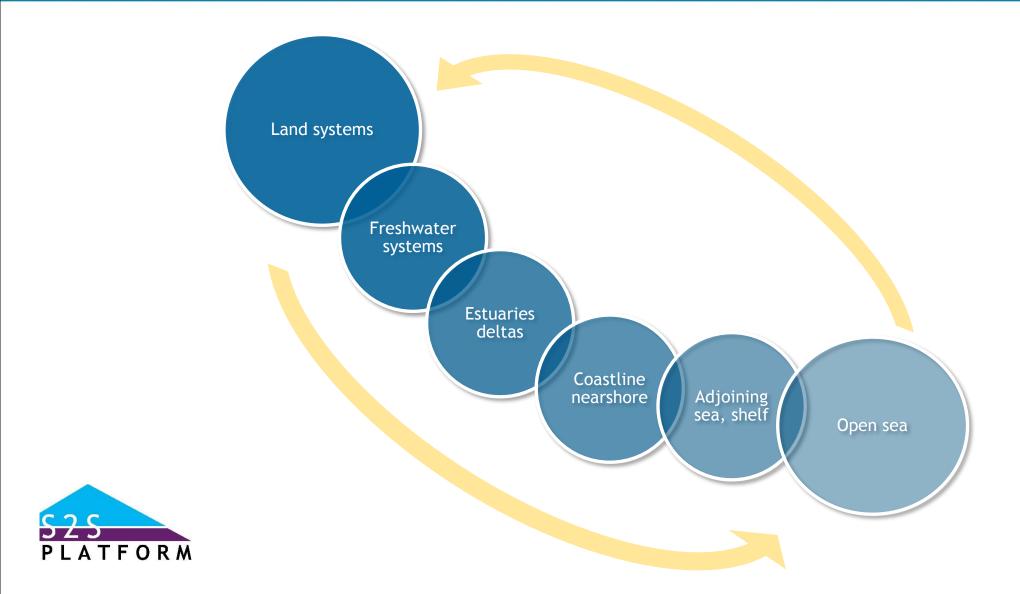


Ruth Mathews
Stockholm International Water Institute
2-4 October 2018

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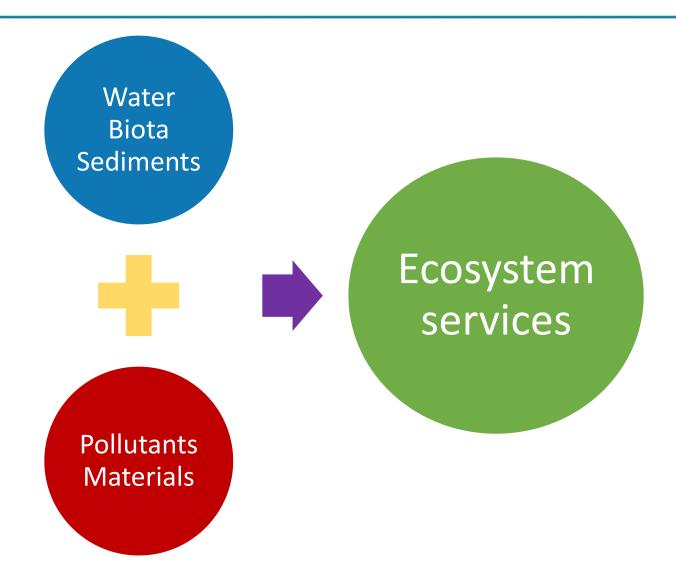
Source-to-Sea Linkages







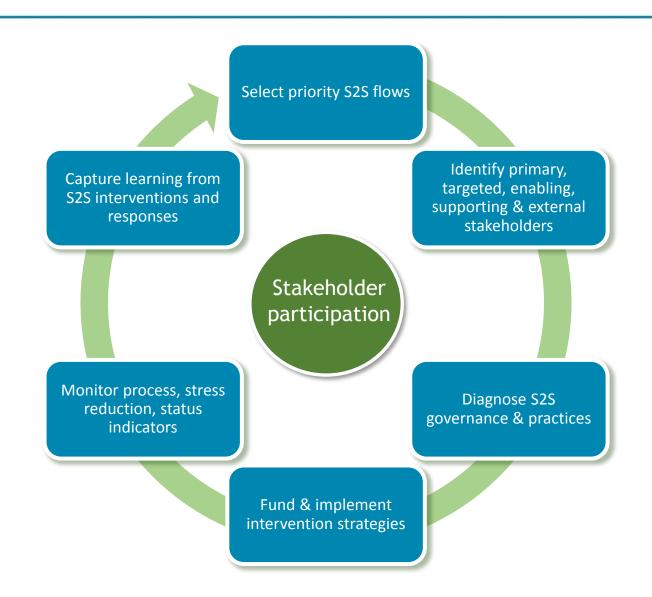
Source-to-Sea Flows







Source-to-Sea Approach

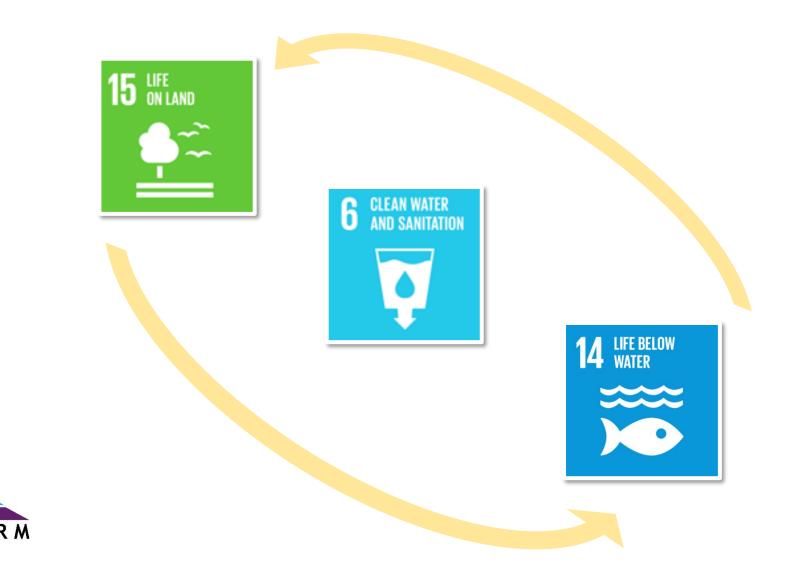








Building New Partnerships for Source-to-Sea Solutions







Source-to-Sea Governance: SwAM

Sustainable Land Management

Sustainable Forest Management Integrated Water Resource Management

Integrated Coastal Management

Marine Spatial Planning and Fisheries Management

Swedish Agency for Marine and Water Management



Green and Blue Economy





Implementing Source-to-Sea

Enabling conditions

What enabling conditions are necessary for the desired changes in practices to occur and sustain over time and for benefits to accrue to the primary stakeholders?

Change in behaviour

What practices will result in the desired changes in the status of the source-to-sea system and primary flows?

Change in state

How will the status of the source-to-sea system and the primary flows change as a result of the new practices and enabling conditions?

Long-term impact

What will be the social, environmental, economic benefits to the primary stakeholders from the changes in the source-to-sea system and primary flows resulting from the improved practices and enabling conditions?







Applying Source-to-Sea to Plastic Litter Prevention

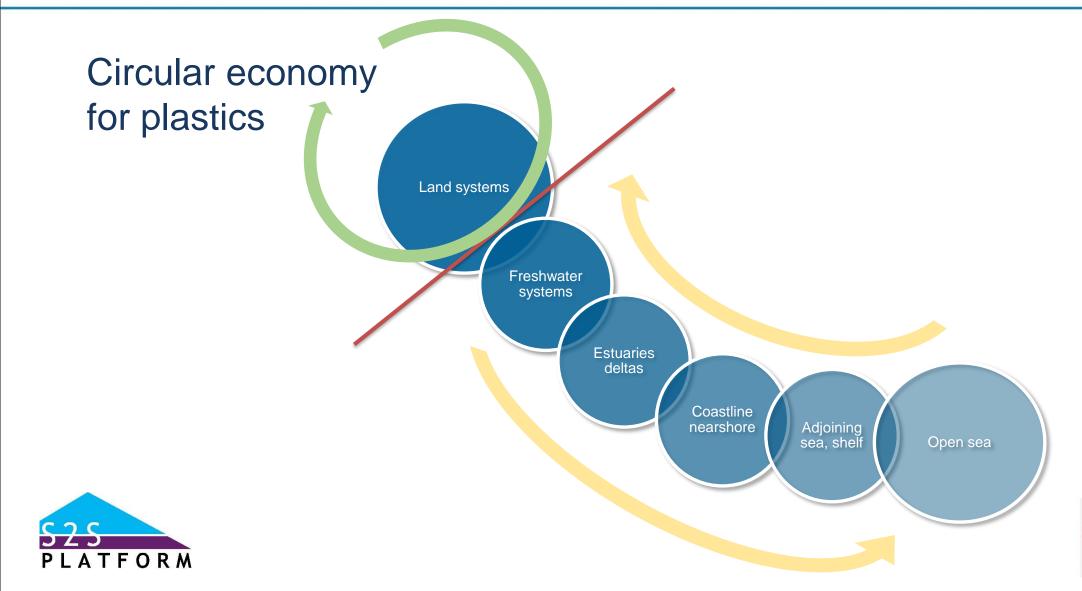
- Understanding marine litter from the river basin perspective
 - Where is plastic litter coming from?
 - What are the types of plastic litter?
 - What are the pathways for plastic litter to reach the marine environment?
 - What are the impacts of plastic litter at each segment of the source-to-sea system?
- Identifying the stakeholders related to marine litter
 - Who is being impacted by marine litter across the source-to-sea continuum, and how?
 - Who is contributing to plastic litter reaching the marine environment?
- Diagnosing governance the governance failures in waste management
 - Who can contribute solutions and how can they be funded?







Source-to-Sea Framework for Marine Litter Prevention







Engaging the plastic waste 'value chain'







Action Platform for Source-to-Sea Management































