

SedNet white paper - on Circular Economy and Beneficial Use of Sediments

Why a SedNet white paper?

SedNet promotes the integration of sediments in its own on a global perspective:

- Incorporating sediment issues,
- Challenges and knowledge into European strategies to support the achievement of a good environmental status, and
- Developing new tools for sediment management, at the river basin scale, including adaptation to climate change.

SedNet focuses more specifically on:

- 1) Embedding these topics in (EU) policy,
- 2) Promoting academic and applied research supporting these topics, and
- 3) Looking at sediment in a broader basin-system frame

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Target

- Offering a non-technical summary and precise reference for policy making, economic planning and public information.
- Promote the paper at EU, government, regional and local level.
- Offering a reference framework to researchers considering Circular Economy applications.
- Involve the industry, NGOs, schools (including middle and high school education) and citizens.
- Break the barriers between traditional fields (operations, land planning, public budgets) to demonstrate the potential benefits of circular economy strategies, beyond their apparent cost.

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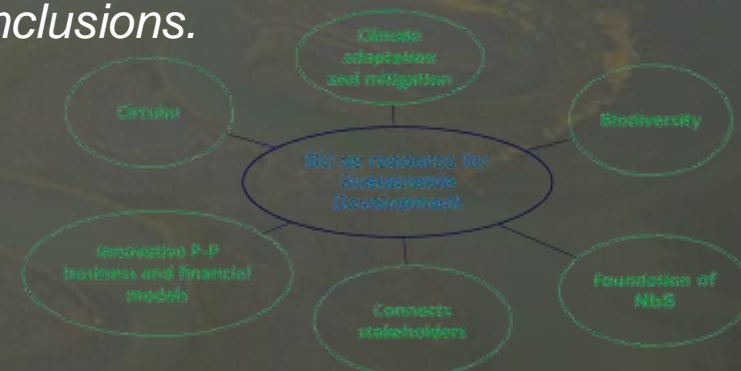
Relation with CEDA and PIANC papers

The CEDA paper clearly addresses the first target; presenting case studies in a non-technical summary and precise reference for policy making

We encourage SedNet members to use the CEDA platform to upload case studies to <https://dredging.org/resources/ceda-publications-online/beneficial-use-of-sediments-case-studies>

The PIANC paper addresses the multi stakeholder engagement, the link with SDG's and barriers and opportunities for value creation.

We endorse the approach and support the conclusions.



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What should be the focus for the SedNet White paper?

In Bremen (23-10-2019) we defined 4 topics for subgroups:

- Definitions of BU concepts (Julia)
 - BU, valorisation, reuse, sustainability
- Beyond the initial mass balance (Dirk/Arjan)
 - Need for defining 'value' to ecological potential of sediment
- Incorporating CO₂ and CH₄ in sediment in CE (Arjan)
 - Can sediment store greenhouse gas and how does sediment management impact greenhouse gas balances?
- Setting up a synthetic catalogue of beneficial use options (Bruno)
 - Linking information on case studies for policy makers

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SedNet White paper

- Update, are we still addressing the right topics?
- Are we continuing the white paper?
- What must be worked?
 - Assigning new team members to topics/chapters
 - Contact person for each chapter
 - Discussion of new draft by the SedNet CE workgroup (when?)