



SedNet

The European multi-stakeholder
Sediment Network since 2002

Marc Eisma, Port of Rotterdam Authority, SedNet chairman



www.sednet.org



Région
Hauts-de-France

in partnership with BRGM and
the Hauts-de-France Region

12th International SedNet conference “Sediment Challenges and Opportunities due to Climate Change and Sustainable Development”, 29 June – 2 July 2021

Simultaneous event with I2SM 7th International Symposium on Sediment Management



Universität für Bodenkultur Wien



NORTH WYKE



Hochschule für Angewandte Wissenschaften Hamburg
Hamburg University of Applied Sciences

oekotoxzentrum
centre ecotox



SedNet



Mission

Inclusion of sediment issues and knowledge into European strategies and policies to support the achievement of a good environmental status and developing of new sediment management tools

Identity

- Network of sediment professionals: science, policy, management and practice
- Independent platform to expert advice on sediment management
- Window on sediment issues to EC DG Environment (e.g., NGO at CIS WFD / FD)

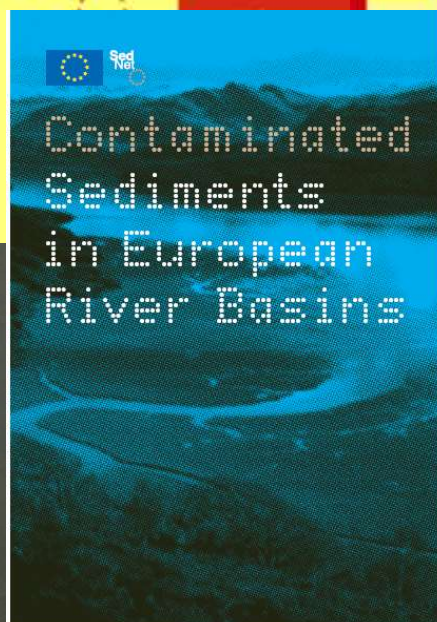
Focus

- Sediment quality AND quantity issues
- Entire water system scale: river to coastal sea
- Fresh water, estuarine and coastal/marine sediments

Website

www.sednet.org

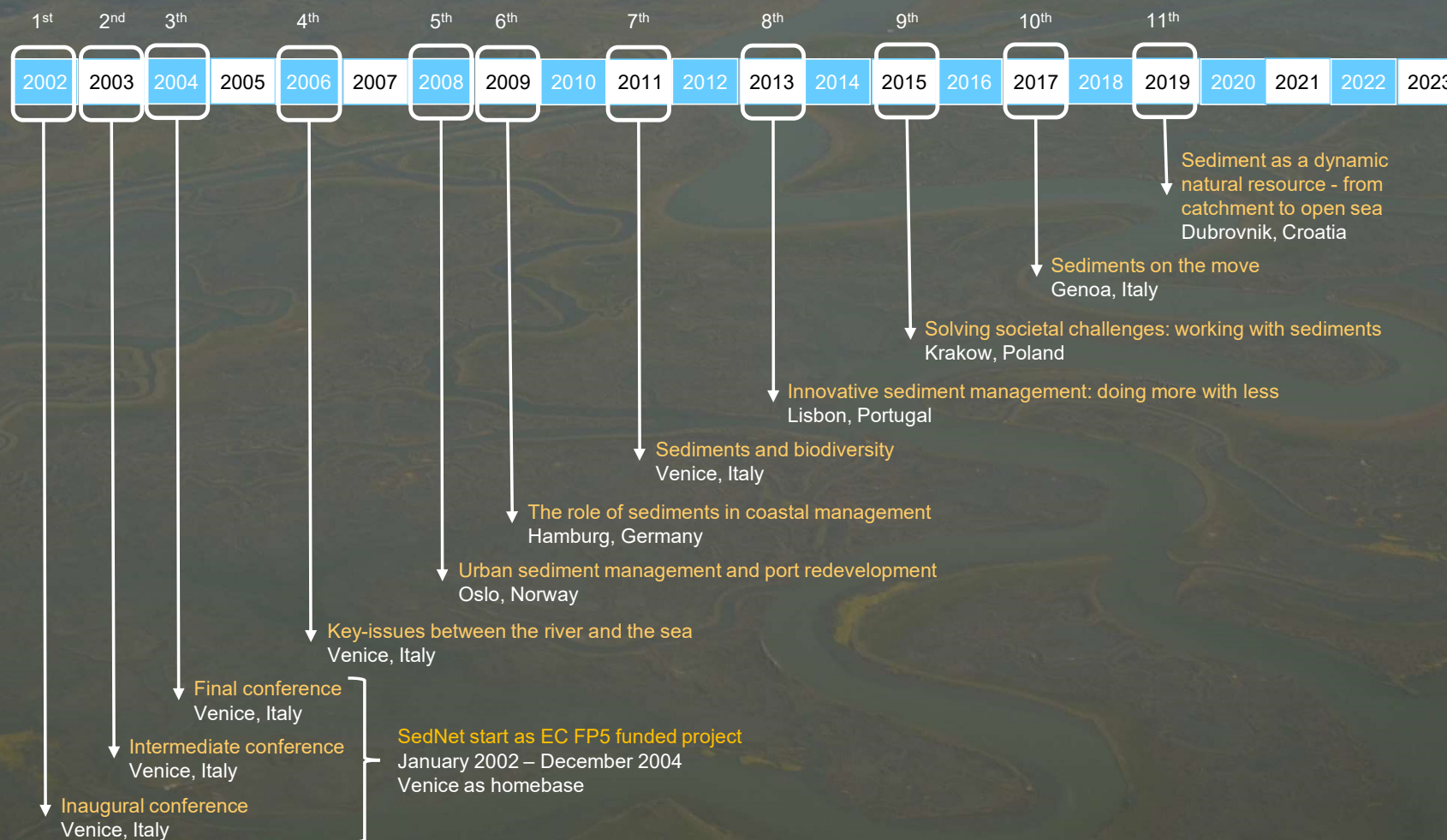
2002-2004: Conferences 1-2-3 (Venice)



2002-2004: funded by EC
DG-Research under the 5th
RTD Framework Programme

5 SedNet Books

SedNet conferences



Four SedNet messages (2014)

Sediment quantity & hydromorphology



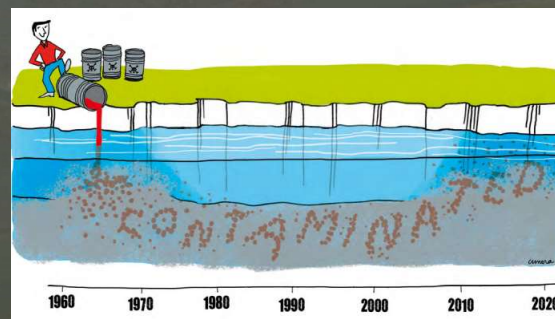
Sediment & river ecology



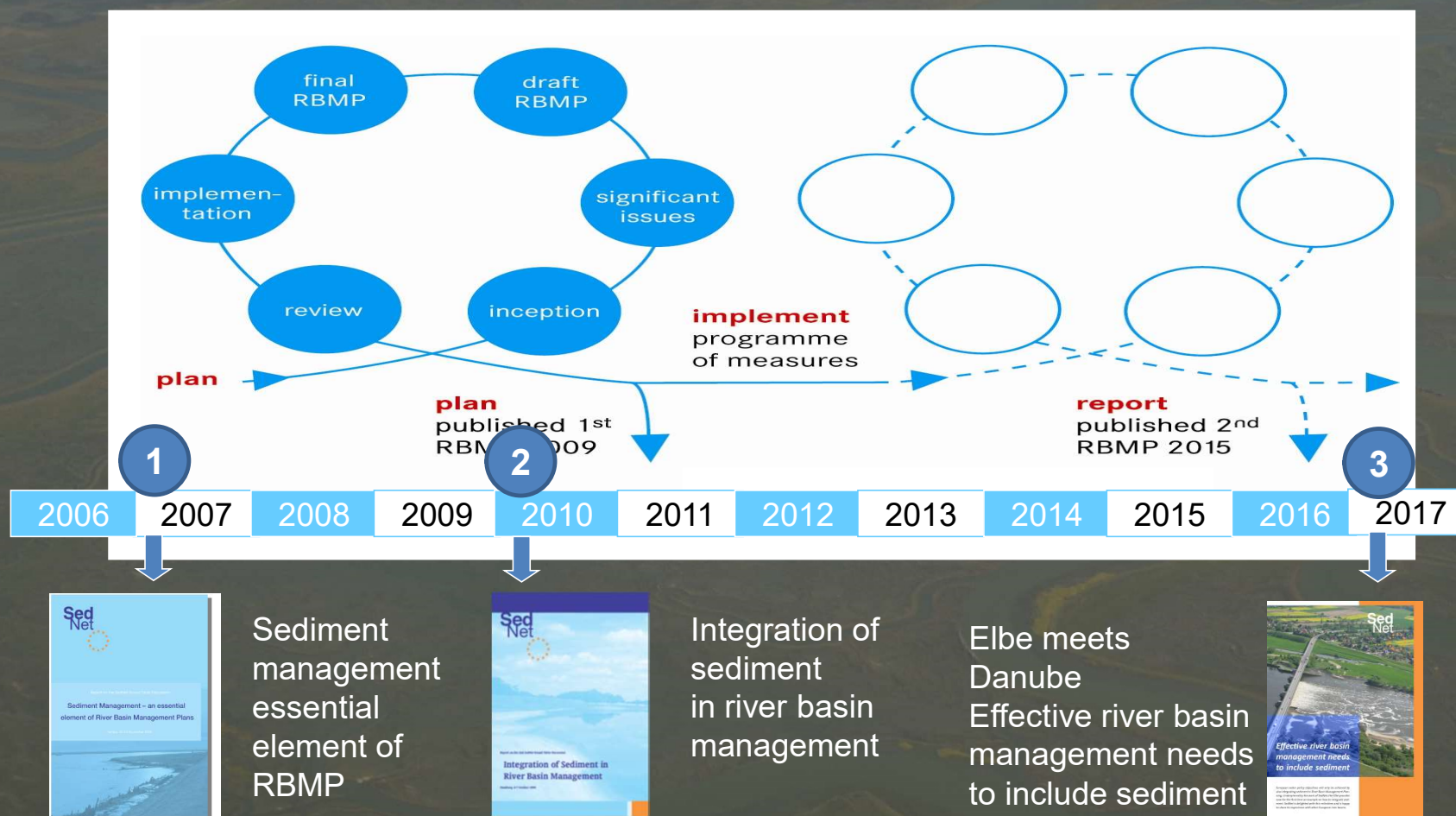
Dredged material management



Sediment quality & remobilization



SedNet Round Table Discussions (RTD)



Policy brief SedNet 2017



SedNet

Effective river basin management needs to include sediment

European water policy objectives will only be achieved by also integrating sediment in River Basin Management Planning. Underpinned by the work of SedNet, the Elbe provides now for the first time an example on how to integrate sediment. SedNet is delighted with this milestone and is happy to share its experience with other European river basins.

1st copy handed over to **Raimund Mair** (EC DG Env, WFD team) at SedNet Genoa Conference 2017

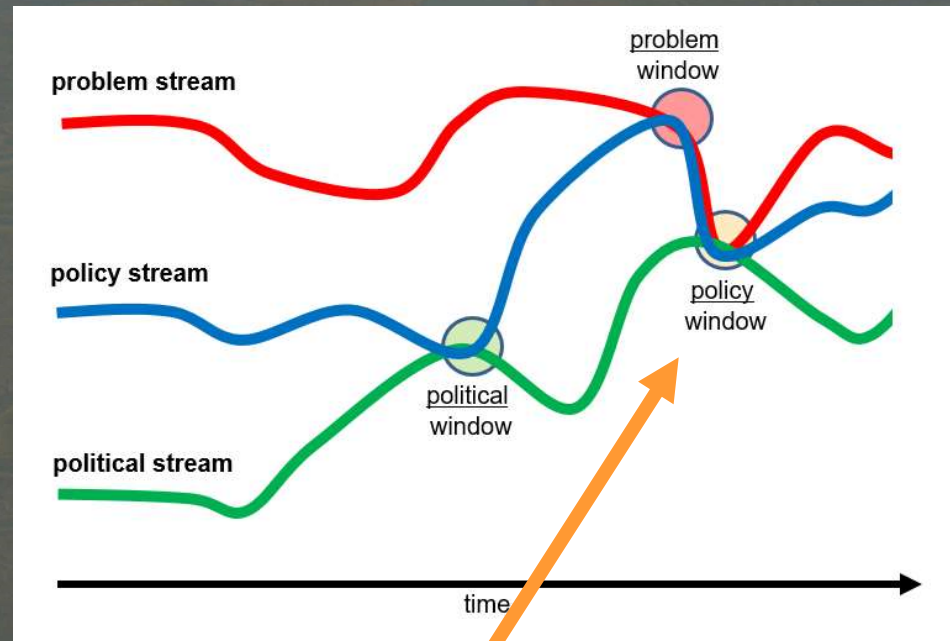


Keen on windows of opportunity*



“We conceive of three process streams flowing through the system: streams of problems, policies and politics.

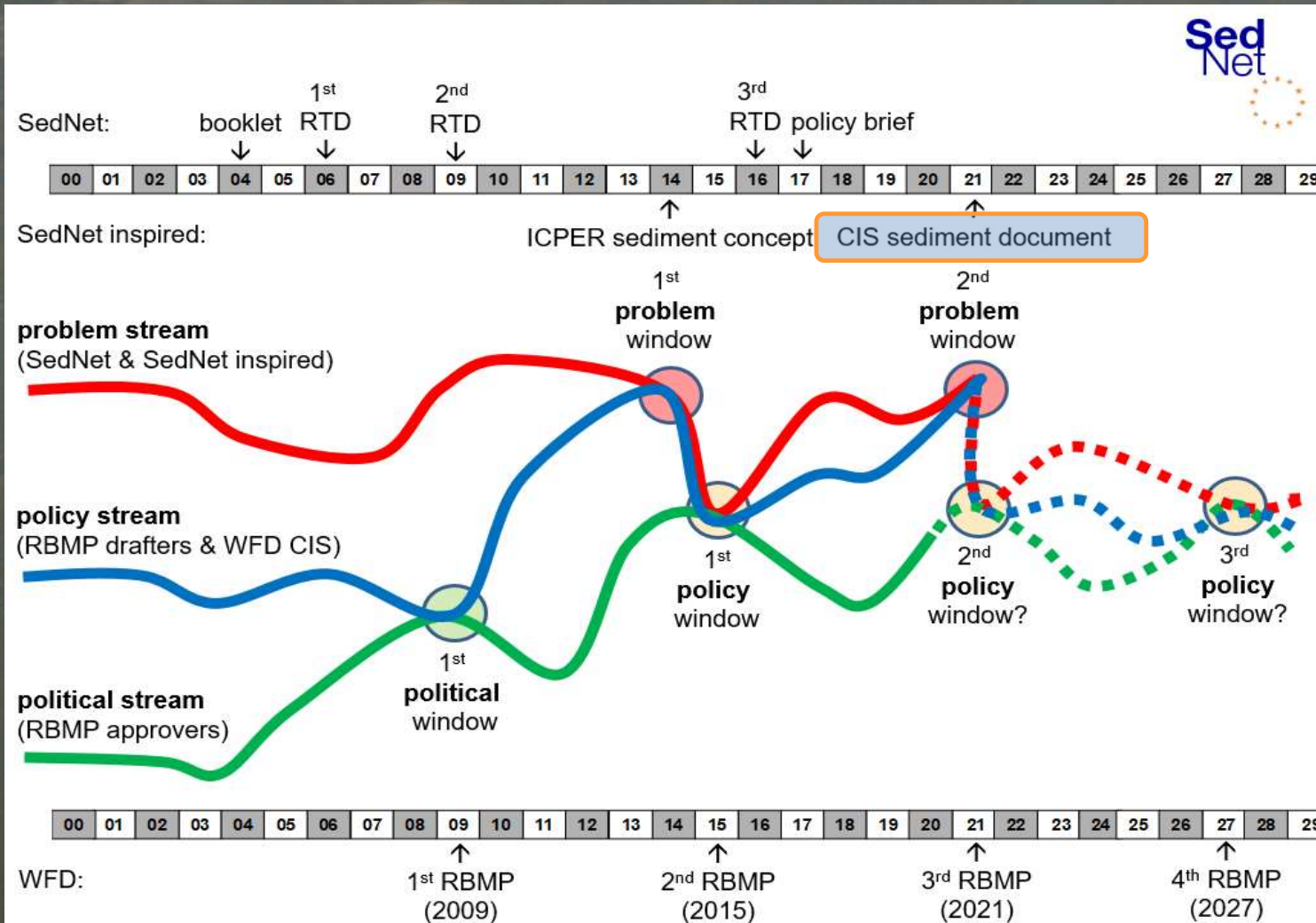
They are largely independent of one another, and each develops according to its own dynamics and rules.”



“But at some critical junctures the **three streams are joined**, and the greatest policy changes grow out of that coupling of problems, policy proposals, and politics”

* Kingdon JW (1995) *Agendas, alternatives, and public policies*. New York, Longman

The windows since 2000*



RTD:
Round Table Discussion

ICPER:
International Commission for the
Protection of the Elbe River

CIS:
Common Implementation Strategy (of
the WFD)

WFD: Water Framework Directive

RBMP: River Basin Management Plan

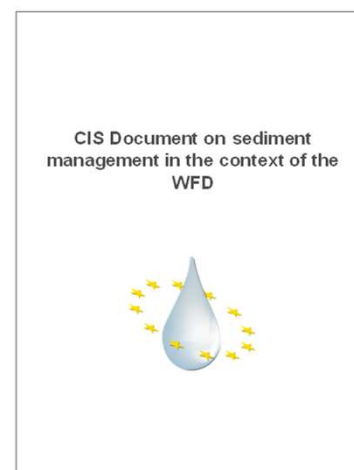
*Brils J (2020) Including sediment in
European River Basin Management Plans:
twenty years of work by SedNet. *Journal of
Soils and Sediments*

WFD CIS sediment document



Towards a CIS technical document on Sediment Management

- **Objective:** develop a technical document on the management of sediment in the context of the WFD
- **Deliverables:** Technical document + supporting resource library



2021

Q1

- First draft technical document

Q2

- Written consultation ECOSTAT 1st draft

Q3

- Workshop – presentation /feedback on the document

Q4

- Final technical document

Other SedNet activities



Bi-annual conferences

“Sediment Challenges and Opportunities due to Climate Change and Sustainable Development”, 12th International SedNet Conference, 29 June – 3 July 2021

Working Groups (please feel free to join)

- Education-Science-Policy Interfacing & Management Concepts
- Sediments in Circular Economy
- Sediment Quality
- Sediment Quantity

Lobby for better attention for sediment in

- Other EU policies such as the Zero Pollution Action Plan
- Research & Innovation programs such as Horizon Europe

E-newsletters Several times a year via email to the network and at website

Library Many sediment documents publicly available at: www.sednet.org





Journal of Soils and Sediments (JSS)

- SedNet 2022 Special Issue (SI) -

- SedNet 2021 attendees are invited to submit their contributions to JSS
- Once you enter the JSS Editorial Management System to submit a manuscript **select the SI title: " SI: Sediment challenges and opportunities "**
- Instructions to authors for preparing manuscripts can be found on JSS web site
- The page number limit: up to 6-8 pages of text (Times New Roman, font size 10, 1.5 line spacing, up to 5 figures/tables)
- **Submission Deadline:** October 1, 2021
- Contact: marjan.euser@deltares.org or jobhodas@irb.hr

**Special thanks to:
Bruno Lemière!**

with support of

- Jean-Remi Mossmann**
- Aline Coftier**
- SedNet SG and Secretariat**

Enjoy our 12th Conference!

www.sednet.org

