

AGENDA



WORKSHOP ON THE REUSE OF (CONTAMINATED) SEDIMENTS

Introduction

- o In general*
- o Projects undertaken, Lift Up of Lowlands*
- o Developments in the US*

*by Arjan Wijdeveld
by Bruna Figueiredo
by Eric Stern*

OPEN INVITE for SHORT presentations:

Discussion

How to continue this initiative (or merge with other group)?

- Outline for a white paper on one selected topic (topic, target audience, who wants to be a contributor?)*
- Drafting a contribution for the (EU) strategic research agenda?*
- News bulletin after 6 months on the follow up of the workshop (by who, what topics, how to involve participants?)*
- ...?*



INTRODUCTION



WORKSHOP ON THE REUSE OF SEDIMENTS

Summary of the 8th International SedNet Conference in Lisbon
Lisbon meeting, SedNet Newsletter – December 2013
(Bruna Oliveira, bruna.oliveira@wur.nl)

WG Beneficial use of Dredged Material

From the first meeting of the working group, it became clear that some **critical issues for the beneficial use of DM are coordination between supply and demand**, (absence of) flexibility of the application projects to accept materials with different properties, public acceptance, and environmental, economic and public health costs and benefits. ... Nevertheless, the EU Waste Framework Directive (2008) indicates that a **waste becomes a secondary resource when the substance can be used for a specific purpose**, there is a demand for the substance, the substance fulfills the requirements for such a purpose, meets the legislations and standards applicable and will not cause adverse environmental and public health impacts.



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In conclusion, DM is in principle a resource and its beneficial and sustainable use should be promoted. The purpose of the Working Group on the beneficial use of DM is to identify the opportunities and to overcome the drawbacks related with the beneficial use of DM, supported with scientific research.

9th International SedNet Conference in Krakow, developments and progress



INTRODUCTION



WORKSHOP ON THE REUSE OF SEDIMENTS

9th International SedNet Conference in Krakow,
Developments and progress

Horizon 2020 calls

- No projects granted on sediment reuse strategies (as we are aware of)
- Close related, EU project valorization of bauxite tailings



INTERREG programs

- SETARMS (finished 2013)
- CEAMaS (finished 2015)



INTRODUCTION



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9th International SedNet Conference in Krakow,
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On the market site:

- Markerwadden is starting(23-09-2015)
- Second phase of Jakarta's master plan?
- Singapore's next land reclamation?



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Observation:

Most policy questions on the risks (and the way to mitigation these risks) for contaminated sediments are addressed at a level that status is clear.

This divides the EU in:

- Countries who see sediments, and the contaminants bound to the sediment, mainly as a resource.
- Countries who see sediments mainly as a waste.

This is more or less the status quo of 2013 (Lisbon).

Outside Europe (mainly in Asia) new options of large scale sediment reuse are explored.



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Projects undertaken, Lift Up of Lowlands

by Bruna Figueiredo



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Who?



DISCUSSION



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DISCUSSION:

Statements:

- *There is insufficient awareness with local governments to approve large scale reuse of sediments.*
- *The current legislation on sediments is too much focused on chemical standards, the civil engineering requirements should be more explicitly considered and quantified.*
- *Reuse of secondary resources for improving (the civil engineering) quality sediment should be an explicitly "end of waste" alternative within the waste directive.*



FUTURE OF SEDIMENT REUSE



WORKSHOP ON THE REUSE OF SEDIMENTS

How to continue this initiative

(or merge with another group)?

Idea's:

- *Outline for a white paper on one selected topic (topic, target audience, who wants to be a contributor?)*
- *Drafting a contribution for the (EU) strategic research agenda?*
- *Setting up a news bulletin after 6 months on the follow up of the workshop (by who, what topics, how to involve participants?)*
- *CEAMaS closed with a network agreement on a Sediment Reuse Resource Center for Circular Economy with sediment. What can we contribute?*



FUTURE OF SEDIMENT REUSE



WORKSHOP ON THE REUSE OF SEDIMENTS

How to continue this initiative

This is a **workshop**. We have 2 hours and 4 potential topics to work on.

Let's pick one or two and draft a first approach.

