

USAR LOCAL CONTACT

Regional Water Authority of Schieland and Krimpenerwaard (HHSK), NL

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CONFERENCE LOCAL ORGANIZATION

Situated in the Lille town centre, Lille Grand Palais is easily accessible whatever your mode of transport (2 TGV stations, 3 underground stations, A1 and A25 highway exits).

Aquacity entrance : **Free registration**

More information :

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USAR KEY OUTPUTS

- Inventory catalogue of possible uses of sediment as a resource and conditions, potential, limitations for use;
- Recycling strategies for partner territories based on local potential for uses of sediment;
- Pilot tests to validate new uses of sediment on different sites;
- Operational Sediment Management System: ICT-tool for water managers to make business cases and management decisions for recycling of sediment.

USAR PARTNERS

ARMINES — Ecole des mines de DOUAI , France

Brightlingsea Harbour Commissioners (BHC), United Kingdom
Regional Water Authority of Schieland and Krimpenerwaard (HHSK), Netherlands

Waterways and Sea canal (WenZ), Belgium

Westcountry Rivers Trust (WRT), United Kingdom



Westcountry
Rivers Trust



Waterwegen en Zeekanaal NV
weg van water

Interreg 
EUROPEAN UNION

2 Seas Mers Zeeën

USAR

European Regional Development Fund

Using Sediment As a Resource

EXHIBITION STAND

15th-16th June 2016

PROJECT PRESENTATION

Wednesday, 15th June 2016

from 11h30 to 13h00

Amphi Eurotop

AQUACITY Exhibition

Lille Grand Palais, Lille, FRANCE



Aquacity, The new water business and technology show

LILLE GRAND PALAIS 15 & 16 JUN 2016

www.salon-aquacity.com

11 h 30 - 11 h 40 General introduction of USAR INTERREG project

Speaker : Pr Nor-edine Abriak (Steering Group)

11 h 40 - 12 h 00 GUEST SPEAKER: Characterization of the natural organic matter of sediments

Speaker : Pr Bernard LEGUBE, ENSI Poitiers, France

12h 00 - 12h10 : Operational Sediment Management System

Speaker : A-Pr Mahfoud BENZERZOUR, ARMINES Ecole des Mines de Douai

The Operational Sediment Management Systems is an ICT tool to make business cases for the application of sediment as a resource. Users will be able to feed into the system their regional sediment data (soil type, pollution, volume) and other regional specifics.

12h 10 - 12h20: Preventing land subsidence with waste products

Speaker : Guido VERWEIJ - Regional Water Authority of Schieland and Krimpenerwaard (HHSK)

In a pilot HHSK will use high organic sediment and mix it with green waste and manure in order to improve the soil quality and prevent land subsidence.

12h 20 - 12h30 : Using river sediment to enhance flood protection in Flanders

Speaker : Hans QUAEYHAEGENS, Waterways and Seacanal, Belgium

Waterways and SeaCanal (W&Z) will focus on developing and testing a technique to upcycle slightly polluted sediments so that they can be used as a resource material for constructing waterway embankments

12 h 30 - 12h40 : Use of marine dredged sediment in coastal saltmarshes as coastal defence

Speaker: William COULET, Brighlingsea Harbour Commissioners

This pilot will explore solutions to protect and develop saltmarshes, using marine sediment dredged from Brighlingsea Harbour. Reducing the need for virgin resources for the artificial improvement of coastal defences.

12 h 40 - 12h50 : Sediment and contaminant loss and it's impact on current and future dredging reuse strategy in the South West of England

Speaker: Dr Laurence Couldrick - CEO Westcountry Rivers Trust

Westcountry Rivers Trust (WRT) will be working with local stakeholders to understand the potential to reduce sediment and contaminant loss and reuse dredging material in Devon and Cornwall a more sustainable manner.

Water management authorities are responsible for keeping waterways in the 2 Seas free from accumulating sediments to reduce risks of flooding and to keep waterways accessible for water-based transport. Most of this sediment is transported and dumped as waste - a very costly and wasteful operation.

USAR (Using Sediment as Ressources) introduces an alternative, resource-efficient approach based on the potential to use sediments as a resource for new materials. USAR will identify, demonstrate and test new methods and develop the business models and tools that water managers need to apply this circular approach in practice

USAR objectives :Introduce technologies, methods and tools for the use of dredging sediments as a resource into the practice of water managers, by identifying, analysing and testing potential applications that make use of dredging sediments and by developing sediment management tools to enable water managers to organise this circular approach to sediment management.