

St.Malo Sediments

2023 August 31th – September 1st



Université
de Lille

EPTB
RANCE FRÉMUR
BAIE DE BEAUSSAIS
Établissement public territorial de la Rance

Interreg
North-West Europe
SURICATES
European Regional Development Fund

Infrastructure sediments: from resources to territorial re-use
Sédiments d'infrastructure : de la ressource à la valorisation territoriale



Université
de Lille

MTU
Maximilian Technische Universität München
Maximilian-Technische-Universität

Deltares

University of
Strathclyde
Glasgow

Port of
Rotterdam

UCC
University College Cork, Ireland
Coláiste na Tríonóide, Corcaigh

ixsane

brgm

Scottish
Canals

ARMINES

team2

IMT Nord Europe
Institut Mines Métiers
2017 Université de Lille

EPTB
RANCE FRÉMUR
BAIE DE BEAUSSAIS
Établissement public territorial de la Rance

SURICATES project Interreg NWE Closing Event

Final Programme

Day 1 (August 31st): Scientific Session (English)

Morning Session

Topic 1 : Infrastructure sediments: from accumulation to dredging

Topic 2 : Civil engineering applications

Afternoon Session

Topic 3 : Environmental applications

Topic 4 : Valorisation and regulations

Limited online access to the conference upon request: eric.masson@univ-lille.fr

Day 2 (September 1st): Local stakeholders session (French)

Morning Session

Beneficial uses of dredge sediment from La Rance estuary: WPT3- Activity 4: 3rd
Workshop with Local Stakeholders

Afternoon Session

Field trip to the sediment trap of Le Livet and the sediment facility of La Hisse (limited
number of visitors please register asap to valosedim@eptb-rance.fr)

SURICATES project (Interreg NWE) - Closing Event - Aug. 31st – Sept. 1st 2023

Day 1 (August 31st): Scientific Session Part 1 (English)				
Presenting author	Conference topic	Communication title	Duration	Timetable
Eric Masson SURICATES project Leader Interreg NWE University of Lille (FR)	Welcome word	Opening of the SURICATES closing event	10 min	09:00-09:10
Sarine Barsoumian Head of unit - Projects, Interreg North West Europe (FR)	Interreg North West Europe Priority 3	Circular Economy	20 min	09:10-09:30
Pierre Le Hir President of the scientific board for the sediment management plan of the Rance Estuary (FR)	Topic 1 - Part 1 Infrastructure sediments: from accumulation to dredging	New insight into morpho-sedimentary dynamics in the Rance modified-estuary: propositions for managing sediments and reducing mud deposition	20 min	09:50-10:10
Auxane Hubert Etablissement Public Territorial de Bassin Rance Frémur Baie de Beaussais (FR)		Management of the Rance estuary sediments: onshore storage and reuse	20 min	10:10-10:30
Coffee break 20 min (10:30-10:50)				
Arjan Wijdeveld Deltares (NL)	Topic 1 - Part 2 Infrastructure sediments: from accumulation to dredging	Use of rare earth elements and optical cable to quantify the sedimentation from different sediment sources in Port of Rotterdam	20 min	10:50-11:10
Luca Sittoni DEME Group (NL)		Accelerating sustainable beneficial use: How to turn guidelines into practice	20 min	11:10-11:30
Tristan Debuigne Ixsane (FR)	Topic 2 - Part 1 Civil engineering applications	A mobile & continuous granulometric classification & dehydration pilot to improve sediment reuse strategies	20 min	11:30-11:50
Selma Bellara Institut Mines Telecom Nord Europe - IMT-NE (FR)		Stabilisation of raw dam sediment by marble waste and calcinated sediment for road pavement application	20 min	11:50-12:10
Lunch break - 2 hrs (12:10-14:10)				
Keith Torrance University of Strathclyde (UK)	Topic 2 - Part 2 Civil engineering applications	Practical recycling of dredged canal sediment - key outcomes from the SURICATES pilot trials in Scotland	20 min	14:10-12:30
Amine el Mahdi Safhi University of Concordia (CA)		Valorisation of dredged sediments as sustainable construction resources	20 min	14:30-14:50
Philippe Bataillard Bureau de Recherche en Géologie Minière - BRGM (FR)	Topic 3 - Part 1 Environmental applications	Agronomic beneficial use of dredged sediments from the Rance estuary: desalination rate and fertility potential	20 min	14:50-15:10
Cristina Macci Research Institute on Terrestrial Ecosystems IRET- CNR (IT) National Biodiversity Future Center - NBFC (IT)		Composting's potentiality for the recovery of green wastes and sediments in nursery sector as growing media	20 min	15:10-15:30
Stefania Nin Council for Agricultural Research and Economics - CREA (IT)		Recycling marine sediments: an opportunity for green ornamentals	20 min	15:30-15:50
Coffee break 20 min (15:50-16:10)				
Richard Lord University of Strathclyde (UK)	Topic 3 - Part 2 Environmental applications	Soil carbon and nutrient addition from La Rance sediment application to agricultural land-environmental benefits and synergies for dredging and Net Zero	20 min	16:10-16:30
Bruno Lemièrre Bureau de Recherche en Géologie Minière - BRGM (FR)	Topic 4 - Part 1 Valorisation and regulations	Beneficial use of sediments for our future: compared pathways for taking profit of them as resources for new challenges	20 min	16:30-16:50
Branislav Batel Munster Technological University - MTU (IE)		Economic Modelling and Assessment of the Beneficial Use of Dredged Sediments at the La Rance Estuary (Brittany, France)	20 min	16:50-17:10
Iqra Rehman Munster Technological University - MTU (IE)		Assessing Beneficial Use of Dredged Sediments at the La Rance Estuary Using an Ecosystem Services Model	20 min	17:10-17:30

Day 2 (September 1st): Scientific Session Part-2 (English)				
Presenting author	Conference topic	Communication title	Duration	Timetable
Eric Masson SURICATES project Interreg NWE University of Lille (FR)	Topic 4 - Part 2 Valorisation and regulations	A GIS methodology to set up beneficial uses of dredged sediment from La Rance Estuary (Brittany, France)	20 min	09:00-09:20
Auxane Hubert Etablissement Public Territorial de Bassin Rance Frémur Baie de Beaussais (FR)		Reuse of the Rance estuary sediments as soil enrichers as part of the SURICATES project	20 min	09:20-09:40
Eric Masson SURICATES project Leader Interreg NWE University of Lille (FR)	Conclusion word	Closing of the SURICATES Conference	10 min	09:40-09:50
Day 2 (September 1st): Local stakeholders session (French)				
Présentation finale des résultats du projet SURICATES (Interreg ENO) La valorisation des sédiments de dragage de l'estuaire de la Rance Atelier T3 - Activité 4 : 3^e groupe d'échanges avec les acteurs territoriaux			3 hr	10:00-13:00
Lunch break - 1 hr (13:00-14:00)				
Transfert from Saint-Malo to La Hisse			30 min	14:00-14:30
Présentation finale des résultats du projet SURICATES (Interreg ENO) Visite du piège sédimentaire du Livet et du site de transit de la Hisse (limited number of visitors please register first to valosedim@eptb-rance.fr)			3 hr	14:30-17:00
Transfert from La Hisse to Saint-Malo			30 min	14:00-14:30

End of the SURICATES Closing Event
