

#### Evidence Based Assessment of NWRM

#### for sustainable water management

### **Workshop Report**

Organizing partner: Aalto University, Espoo, Finland

Workshop Place: Online

Date: 28 May 2020

Number of invitees: 24 Number of registrations: 24 Number of guests attending: 24

# Agenda for the workshop

Programme (summertime Finland):

- > 9:00 (Finland) = 8:00 (France/Norway/South Africa) Start of the meeting and welcome (Harri Koivusalo)
- > 9:15 Project time schedule and objectives of the meeting (Herman Helness)
- 9:30 10:00 WP1 Coordination (lead by SINTEF)
- ➤ 10:00 11:00 WP3 Demonstration (lead by Aalto)
  - 10:00 10:30 NWRM in stormwater management (Norway)
  - 10:30 11:00 NWRM in stormwater management (Finland)
- > 11:00 11:30 Break
- ➤ 11:30 12:30 WP3 Demonstration continues (lead by Aalto)
  - 11:30 12:00 MAR in adaptive water management (France)
  - 12:00 12:30 MAR in adaptive water management (South Africa)
- > 12:30 13:30 Lunch break
- ➤ 13:30 15:00 WP2 Toolbox development (lead by SINTEF)
- ➤ 15:00 16:00 Stakeholder presentations (Finnish stakeholders)
- > 16:00 16:30 Break
- ➤ 16:30-17:00 WP4 Exploitation and dissemination (lead by BRGM)
- ➤ 17:00-17:30 Next events, closing of the meeting (Herman Helness, Harri Koivusalo)



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### **Objectives**

The 1<sup>st</sup> EviBAN Annual Meeting was hosted remotely from Finland and organized using the Teams environment.

The objective of the meeting was to review the progress in the Work Packages. The case study works should be updated from all participating countries. The dissemination and management activities should be reviewed. The plans of actions should be outlined toward the midterms of the project.

The virtual annual meeting was scheduled for one day (Thursday 29 May 2020). The morning was used to go through the work packages (WP3). The afternoon time was devoted to toolbox work (WP2) and presentations by the Finnish stakeholder. The day was closed by dissemination and future steps discussion.

# **Characterization of the participants**

Table 1 shows the number of registrations and actual participants, the respective sector of activity and the level of governance each stakeholder is active in.

Table 1 Overview of stakeholders

Institution / sector	No.	of p	articipants	
	(registrat	(registrations)		
	In total	Male	Female	
	24 (24)	14 (14)	10 (10)	
Authorities	2 (2)	1 (1)	1 (1)	
The Cities of Vantaa and Espoo	2 (2)	1 (1)	1 (1)	
Representatives of companies, other sectors	3 (3)	2 (2)	1 (1)	
Antea Group	1 (1)	1 (1)	- (-)	
Imageau	1 (1)	1 (1)	- (-)	
Sitowise	1 (1)	- (-)	1 (1)	
Internal Stakeholders	19 (19)	11 (11)	8 (8)	
Aalto University	4 (4)	3 (3)	1 (1)	
SINTEF	4 (4)	3 (3)	1 (1)	
Stellenbosch University	2 (2)	1 (1)	1 (1)	
BRGM	5 (5)	3 (3)	2 (2)	
VTT	4 (4)	1 (1)	3 (3)	



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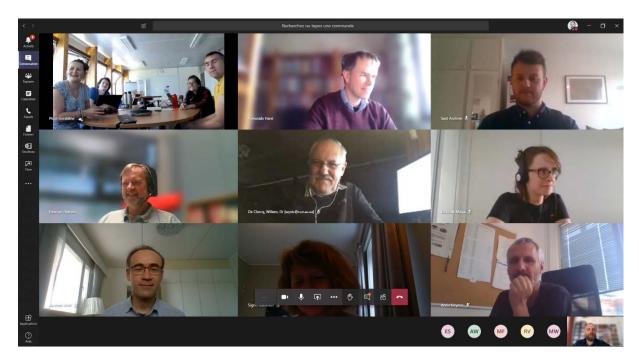


Figure 1. Participants at the 1st EviBAN Annual Meeting

### Short summary of the workshop's activities

The presentations from the meeting are collected in the EviBAN SharePoint in the folder:

EviBAN - shared project folder\Project workshops\20200528 - 1st annual meeting - Finland

**WP1** presented the status of our project with respect to administrative tasks and time schedule. In general, there has been good progress as measured by achieved milestones (MSs) and completed deliverables (Ds).

- Some outstanding workshop reports (if we want all in according to the template) and some missing input to the data management plan (DMP). See WP4 below.
- Progress on tool development to be discussed today need for transforming from individual tools to a toolbox in the continuing work? See WP2, below.

The case study presentations from WP3 outlined the status of the work in the different countries. In Finland, France and South Africa, the activities are in part performed by PhD students and the first results were presented. In Finland the work has focused on 1) compilation and analysis of stormwater filter datasets from two roadside filters in the city of Vantaa, 2) modelling of filter performance using PHREEQC package, and 3) selection of residential area for computational analysis of nature-based stormwater treatment solutions in the city of Espoo.

In Norway, the case is on assessment of future plans for development of the NTNU campus area and the consequences of this for stormwater management at the ZEB Laboratory. The current focus is on the estimation of the future runoff.



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The activities in WP3 were on track with regards to milestones.

The development of the tools and toolbox in WP2 gave the status on the development activities. In general, the development of the individual tools was on track with respect to milestones. However, focus on how to integrate the individual tools in a toolbox and the possible interactions between the individual tools needs more attention in the coming period.

Special attention is required with regards to the MAR tools because the NORMANN tool, only can be used in certain regions of France and will not be applicable in other countries.

A WP2-meeting will be organized after the summer holidays to continue the discussion and follow up the activity.

**Finnish stakeholders** connected to the Finnish case study gave presentations of their activities and practices on application of NBS for stormwater management. The stakeholder representatives were from the suburban cities of Vantaa and Espoo within the capital region.

The status on **exploitation and communication activities in WP4** was presented by BRGM, but this WP requires input from all partners. Specific issues discussed were

- The data management plan, which still required some additional partner specific input (this has been provided after the meeting).
- The project website (<a href="http://www.eviban-project.com">http://www.eviban-project.com</a>), were it was decided that comments and suggestion for additions and improvement should be sent to Herman Helness (coordinator) and Geraldine Picot (WP4 lead) who would compile and implement as required.

**Future activities** were discussed in the last part of the meeting. We are to deliver a mid-term status report to the Water JPI follow-up secretariat by 1<sup>st</sup> October 2020. A template for the mid-term report has been received for the Water JPI follow-up secretariat.

 The coordinator will use this template to prepare a suggestion for allocation of writing tasks for the different part of the report and distribute to the Project Management Team (PMT) for comments with a deadline in June after which the plan is considered adopted by the PMT.

The **next annual meeting** should take place in May 2021. Hopefully, we will then be able to meet face to face at a time and location that will be decided.

# **Short summary of outcomes and results**

- A WP2-meeting will be organized after the summer holidays to continue the discussion and follow up the activity.
- Outstanding partner specific input to the DMO should be provided by 2020-07-01 as outlined in the comments included in the document.
- Suggestion for additions and improvement to www.eviban-project.com should be sent to Herman Helness (coordinator) and Geraldine Picot (WP4 lead) who would compile and implement as required.



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- The PMT will prepare a mid-term status report, which is to be submitted to the Water JPI follow-up secretariat by 1<sup>st</sup> October 2020.
- The next annual meeting should be in May 2021. The time and location to be decided/confirmed.