



## Workshop Report

<b>Organizing partner:</b>	<b>Stellenbosch University Water Institute (SUWI)</b>
<b>Workshop Place:</b>	<b>Stellenbosch, South Africa</b>
<b>Date:</b>	<b>14-15<sup>th</sup> November 2021</b>
<b>Number of invitees:</b>	<b>17</b>
<b>Number of registrations:</b>	<b>7 + 10 (physical + virtual)</b>
<b>Number of guests attending:</b>	<b>6 + 11 (physical + virtual)</b>

## Agenda for the workshop

**Monday 14th November 2022, 10:00 – 1600 SAF (09:00 – 15:00 CET)**

### Final project meeting of EviBAN

Participation in person or virtual

#### **10h00-10h30 Welcome and introduction**

10h00-10h15: Welcome and start of the meeting (15min) (Willem de Clercq)

10h15-10h30: Introduction with agenda and aim of the meeting (15min) (Herman Helness)

#### **10h30-14h00: Project activities and results in the case studies**

10h30-11h00: The case in South Africa and the study by SUWI (Marlene De Witt)

11h00-11h20: Long-term environmental benefits of the Soil Aquifer Treatment (SAT) scheme in Agon-Coutainville (Géraldine Picot-Colbeaux and Quentin Guillemoto)

11h20-11h40: A MAR decision support module integrated to the NORRMAN software (Loïc Thomas and Jonathan DURAND)

11h40-12h00: Measuring the impact of MAR on saltwater intrusion using monitoring system (Denis Neyens SAUR-IMAGEAU)

#### **12h00-13h00 Lunch break**

13h00-13h10: The Finnish case study sites and data by Aalto and VTT (Harri Koivusalo) 13h10-13h30: Geochemical modelling of stormwater filter (Maria Dubovic)

13h30-14h00: Stormwater modelling – hydrological impacts of climate change in urban catchment (Ottar Tamm and Harri Koivusalo)

#### **14h00-15h45: The EviBAN toolbox**

14h00-14h30: The governance assessment tool and its application for stormwater management and MAR (Sigrid Damman)



14h30-15h00: The optimisation tools and their application for MAR (MARopt) and stormwater management (SWMMLIDOPT) (Herman Helness, Edvard Sivertsen and Harri Koivusalo)

15h00-15h30: The ISA tool and its application for stormwater management and MAR (Herman Helness)

15h30-15h45: Q&A and discussion

**15h45-16h00: Wrap up and closing of the meeting (Herman Helness and Willem de Clercq)**

*Monday evening: Dinner for the participants (informal, costs covered by participants)*

**Tuesday 15th November 2022, 10:00 – 12:00 SAF (09:00 – 11:00 CET)**

**Project internal workshop for project partners on the final reports from EviBAN**

The aim of the workshop will be to review the status of the draft technical report and draft status report and agree on tasks/responsibilities to produce the final versions of both reports.

The workshop will be based on participation in Stellenbosch combined with (short) virtual sessions to include persons not able to travel on dedicated topics/sections of the reports

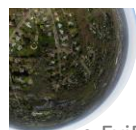
**12h00-13h00 Lunch break**

**Tuesday 15th November 2022, 13:00 – 17:00 SAF**

**Excursion/site visit to MAR site**

Site visit/excursion to the Atlantis MAR site outside Cape Town

## Objectives



### Aim of the meeting

- EviBAN will **end in December**, i.e., 2022-12-31
- **Final evaluation meeting** where attendance in person is required by the coordinator of each project, probably in March-April 2023.
- EviBAN will submit a **final technical report** and a **final status report** to the Water JPI follow-up secretariate **by the end of January 2023** (1 month after project end)
- Objective of this final project meeting is to **gather** the consortium, **present** results and **update** each other on progress for tasks to be finalised
- Also, make **agreements** and provide **information** required for all partners to deliver their **contributions to the final reports in a timely manner**.



## 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 participants (registrations)		
	In total	Male	Female
<b>Authorities</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>
<b>Representatives of companies, other sectors</b>	<b>0 (0)</b>	<b>0 (0)</b>	<b>0 (0)</b>
<b>Internal Stakeholders</b>	<b>16 (16)</b>	<b>10 (10)</b>	<b>6 (6)</b>
Aalto University	2 (2)	2 (2)	0 (0)
Anthea	1 (1)	1 (1)	0 (0)
BRGM	3 (3)	1 (1)	2 (2)
imageau	1 (1)	1 (1)	0 (0)
VTT	2 (2)	0 (0)	2 (2)
SINTEF	5 (5)	4 (4)	1 (1)
Stellenbosch University Water Institute	2 (2)	1 (1)	1 (1)

## Short summary of the workshop's activities

The meeting was the third annual meeting of the EviBAN project consortium and the fourth full meeting of the consortium when the initial kick-off meeting is included.

The EviBAN project will have its final year in 2022 and the purpose of this final meeting was to gather the consortium, present status for results, discuss and plan for the final reporting from the project and attendance at the Water JPI final evaluation meeting in 2023.

Not all participants were able to travel so the meeting was organized as a hybrid event with some participants participating on Teams.

The agenda and presentations on the first day (14<sup>th</sup> November) covered the project activities and presentations were given for each WP and case study presenting the results and status of the work.

The presentations are given as attachments to this report.



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Evidence Based Assessment of NWRM  
for sustainable water management



Figure 1: Screenshot from the Day-1 (left hand picture) and Day 2 (right hand picture).

On the second day, the session before lunch was dedicated to discussion on the final technical report and the final status report, which must be submitted to the Water JPI follow-up secretariate. These reports will also be a good basis for reporting to the national FPOs.

The feedback in consensus report from the mid-term evaluation was presented and discussed. This was received too late to be considered in the project activities but will be taken into consideration in the final reporting.

Agreements on responsibilities for the different sections of the final technical report were made. All contributions should be added to the shared document by 20<sup>th</sup> December 2022. Herman Helness will thereafter compile the final document editing as required.

The final status report should follow a template received previously from the Water JPI follow-up secretariate. Responsibilities for the different sections have been allocated among the members of the PMT previously. However, all should provide input to the list of publications in the excel sheet on Teams in the WP4 folder. The final status report will be prepared after the final technical report has been completed. Herman Helness will follow-up towards the project partners in early 2023.

After lunch on 15<sup>th</sup> Nov., there was a visit to the MAR site at Atlantis outside Cape Town.

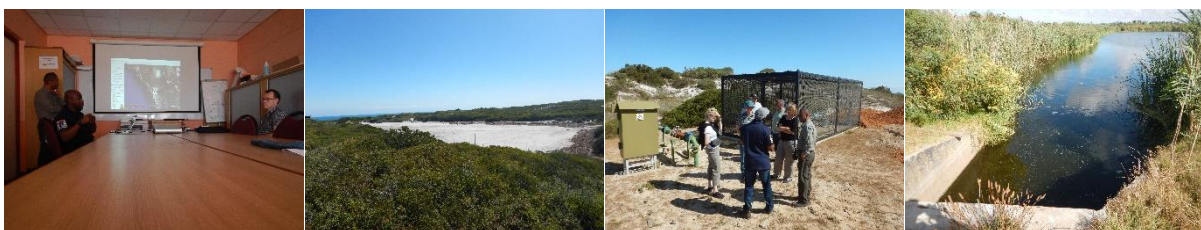


Figure 2: Visit to the Atlantis MAR site, pictures left to right: Introduction with presentation; Infiltration basin after maintenance; Water extraction well (new pump in cage); Collection pond with reed bed (Photo Herman Helness).



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## Short summary of outcomes and results

For details of the activities and results in the different WPs, the reader is referred to the presentations.

Main points concerning the project as a whole are:

- EviBAN will end 2022-12-31. Thereafter there will be some activity for finalising deliverables and reporting to the Water JPI in 2023. All partners should report to their national FPOs on individual basis.
- The feedback from the consensus report with the comments from the reviewers after the mid-term evaluation was presented and discussed. The feedback will be taken into consideration when the final reports are prepared.
- Agreements on responsibilities for the different sections of the final technical report were made. All contributions should be added to the shared document on the EviBAN Teams site by 20<sup>th</sup> December 2022.
- The final status report should follow a template received previously from the Water JPI follow-up secretariate. All should provide input to the list of publications in the excel sheet on Teams in the WP4 folder. The final status report will be prepared after the final technical report has been completed. The deadline for input to the final status report will be set in January 2023. Herman Helness will communicate this by e-mail and we will agree on a date.

The meeting ended with a big thank you from the participants to SUWI for organising and hosting the meeting.