

## Report on AltWater follower city workshop, Beira, Mozambique. 06-08 February 2018.

This report summarises the Follower City workshop for the AltWater project. The project workshop was held in Beira, Mozambique on 06-08 February 2018. Dr. Janez Sušnik, and Associate Professor Assela Pathirana from IHE Delft attended.

The workshop was organised by FIPAG, one of the main AltWater project partners in Mozambique, and the water company in charge of supply in Beira. In particular we thank Carlos Cossa and Castigo Cossa for their help in arranging the workshop, attendance of local stakeholders and logistics. The location for the workshop was the Sena Hotel in Beira. The workshop was well attended, with a total of 15 participants from the following organisations:

- FIPAG
- AdeM
- CMB
- FCT Univesity of the Zambezi
- DPOPHRHS
- IHE Delft
- local Municipality representatives

A copy of the workshop programme is shown in Appendix 1. The idea was to really put the cities in centre stage, guiding and contributing to the event. The programme started with a welcome and opening by Castigo Cossa of FIPAG. Dr. Sušnik briefly introduced the project and the purpose and format of the workshop. Presentation were given by FIPAG on the current status of the local water supply system and by AdeM who gave an overview of their participation in the project so far in order to give colleagues at FIPAG an idea of what to expect. Most of the rest of the workshop was dedicated to the partner cities presenting 'intervision issues' (see below) to be discussed in an open forum. There were two short information sessions, one on alternative water supplies, the other introducing the Mozambique Spatial Data Infrastructure (SDI; [www.mozam-agua.net](http://www.mozam-agua.net)), and a wrap up session on the Thursday morning. All presentations are available at [www.altwater.un-ihe.org](http://www.altwater.un-ihe.org).

Throughout the programme, there was a good spirit of interaction from all participants, and IHE staff also learned a great deal about the local context and challenges. The presentations by local partners were very informative, and there was a lively Q&A following from the alternative water systems presentation. Photos from the workshop can be viewed in the Photo Gallery section of the website. A joint dinner was held for all participants on the evening of 07 February.

### The intervision sessions

Each city (Beira and Maputo) were asked to bring two issues to discuss in an open forum. The idea was the presenting city introduced the problem/issue, which was then questioned and discussed by all participants. By the end of the session, each

participant should have gained a clearer understanding of the problem, and the presented will have learned from relevant experiences of other participants through the discussion. In this way, city representatives learned from each other, and started a fruitful collaboration. One of the major conclusions was in fact that participants felt that collaboration between cities would now be easier than previously, which in itself is a major achievement.

Both Maputo and Beira presented issues regarding water losses in their respective systems, and how they are addressing this issue in order to be able to extend the level of service. Maputo also presented on measures currently being taken to address an ongoing severe water crisis in the city, while Beira presented on their activities in attempting to meet and limit water demand in the city.

The main points from these sessions are written up in a PowerPoint which is available on the AltWater website. The presentation summarises the main issues presented, the main achievements and obstacles, major take-home messages and the key experiences from carrying out the intervision exercise. Comments from University representatives and Municipality representatives, as well as from the Director of FIPAG in Beira are also included in the summary presentation.

## Appendix 1: Copy of the workshop programme

### Workshop timetable

Tuesday 6 February	
0900-0930	Welcome and introduction
0930-1030	Introduction to AltWater. State of play of the AltWater project – Update. Project partner requirements. Purpose and format of this Workshop.
1030-1100	Break
1100-1200	Presentation by Beira on the current water supply situation: foresight for the days ahead.
1200-1300	Lunch
1300-1330	Maputo summarise experience and progress in AltWater so far.
1330-1500	Beira present the first of two pertinent water supply related issues for group discussion.
1500-1530	Break
1530-1700	Maputo present the first of two pertinent water supply related issues for group discussion.
Wednesday 7 February	
0900-0915	Summary of Day 1. Short introduction to Day 2.
0915-1000	Short introduction of Alternative Water Systems and the role within AltWater
1000-1030	Break
1030-1200	Beira present the second of two pertinent water supply related issues for group discussion.
1200-1315	Lunch
1315-1500	Maputo present the second of two pertinent water supply related issues for group discussion.
1500-1530	Break



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<b>1530-1630</b>	<b>Introduction to the AltWater SDI</b>
<b>Thursday 8 February</b>	
<b>0900-0915</b>	<b>Summary of Days 1 and 2</b>
<b>0915-1045</b>	<b>Discussion – summary of key findings. Wrap up, conclusions, next steps. What has been learnt? How can Maputo move forward? How can Beira follow and contribute to a successful project and learn from and work with Maputo on this project?</b>
<b>1045-1100</b>	<b>Close and wrap-up</b>

### Workshop outline contents

#### Tuesday 6 February

The workshop begins with a short introduction to the AltWater project for the benefit of all participants. It will briefly define the project and the main objectives, and where we are at the present moment. The format and purpose of the workshop will be explained.

This will be followed by a presentation by Beira representatives that will in detail describe the Beira water supply and demand situation, including progress so far and challenges faced in the Beira context. An outlook until 2030 will be presented, including identification of possible challenges. The role of alternative water supplies in Beira will be outlined.

Maputo representatives will have the opportunity to discuss their work so far in AltWater. They will share current progress made in the project, and will share experiences with colleagues in Beira, including what to expect.

After this, Beira then Maputo will each present one ‘intervention issue’ relevant for the AltWater project. These issues will be briefly presented, then discussed by all parties in detail. These sessions form the core of this workshop. City-to-city learning is key here.

#### Wednesday 7 February

The day begins with a very short summary of Day 1, and a brief introduction to Day 2.

The first presentation will be a short presentation on alternative water system typologies, mostly for the benefit of Beira colleagues, but also as a refresher for Maputo project colleagues to re-familiarise themselves with basic concepts.

Beira then Maputo will present the second of their ‘intervention issues’ for group discussion.

The final hour of the day will be used to present a new Mozambique Spatial Data Infrastructure which all AltWater partners can have access to.

## Thursday 8 February

The final day starts with a short summary of Days 1 and 2. The morning is then spent in a group discussion forum where the key messages, lessons and experiences from the 'interview workshops' are presented and discussed. Next steps within the AltWater project will be highlighted.



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