

# Annual report

## Phase IV: 2017-2021

### January - December, 2017



**8 June 2018**

**Submitted by the WaterNet Trust**



# WATERnet

**Building capacity for Water Resources Management in Southern Africa**

# Annual Report

## Phase IV: 2017-2021

January-December, 2017

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### **WaterNet Phase IV (2017-2021) - Sustainability**

The year 2017 marks the beginning of WaterNet phase IV which is entitled “Strengthening capacity for co-creation of regional water solutions in a changing environment”. Phase IV runs from 2017 to 2021. A strong emphasis in this phase is the commitment from SADC member States to support the WaterNet Masters programme and diversification of funding is also crucial for the successful implementation of WaterNet phase IV. DGIS with 31% of phase IV budget continue to lead the support of WaterNet core budget. The British and German Government through GIZ will provide about 12% of the current phase IV budget. Other projects such as AfriAlliance from the European Commission (EC) under horizon H2020, the BRECCIA project funded by the British DFID will also contribute toward WaterNet phase IV budget.

### **Masters Programme 2016- 2017 Intake (25 students)**

Out twenty-five students who started the IWRM Masters Programme at the University of Zimbabwe and the University of Dar Es Salaam in 2016. 17 students graduated in 2017.

### **Masters Programme 2017- 2018 Intake (22 students)**

Twenty-two students started their Master programme in February 2017 at the University of Zimbabwe and the University of Dar Es Salaam. 20 students were sponsored by WaterNet. In addition to the two core hosts, specializations were also offered at the University of Botswana and the National university of Technology and Sciences in Namibia.

### **Professional Training Programme**

Eight face to face short professional training courses were conducted in 2017 for SADC member States and one River Basin Organisation (ORASECOM) and 203 participants attended the courses.

### **21<sup>st</sup> and 22<sup>nd</sup> WaterNet Management Board Meetings**

The 21<sup>st</sup> and 22<sup>nd</sup> WaterNet Management Board meetings took place respectively in Johannesburg, South Africa in May and Swakopmund, Namibia in October 2017. The major highlights of these two meetings included the start of the WaterNet phase IV (2017-2021).

### **18<sup>th</sup> WaterNet/WARFSA/GWP-SA Symposium**

The 18<sup>th</sup> WaterNet/ WARFSA/GWP-SA symposium was held in Swakopmund, Namibia under the Chairmanship of Ms Maria Amakali from the Water Ministry in Namibia. The theme of the symposium was “Integrated Water Resources Development and Management: Innovative Technological Advances for Water Security in Eastern and Southern Africa”. 255 abstracts were submitted; 115 oral presentations, 28 posters and 9 special sessions were conducted during the symposium. A Total of 317 participants were recorded at the event.

## 1 Introduction

### 1.1 Basic Data

Country:	Southern Africa Development Community (SADC)
Project name:	WaterNet Strategy Phase IV, 2017-2021: Strengthening capacity to co-create regional water solutions in a changing environment
DGIS activity number:	29596
Executing organisation:	WaterNet Trust
Secretariat Host Institute:	University of Zimbabwe, Harare, Zimbabwe
Project period (DGIS):	1 Jan 2017 - 31 Dec 2021
Report No.:	2017 Annual report
Reporting period:	1 January to 31December 2017

## 2 Context

This document summarises the 2017 WaterNet activities under the current Phase IV (2017-2021). The report covers the period 1 January to 31 December 2017, with financial support from DGIS, other International Cooperating Partners and WaterNet members.

WaterNet, a network of tertiary education and research institutions in Southern Africa, was established in year 2000. By the end of December 2017, WaterNet membership consisted of 77 member institutions, two associate members and seven supporting members.

### 2.1 Programme Objectives

In January 2017, WaterNet started phase IV entitled “Strengthening capacity to co-create regional water solutions in a changing environment”. This phase will run up until 2021. There is now a shift from output base approach to an outcome base approach.

The vision of WaterNet Phase IV is to be recognized as the leader in academic and professional capacity building for water related professionals in the region. The first goal of Phase IV is for the network to use its extensive network of alumni and other professionals to inform and revise its capacity building, research and outreach in line with the region’s most pressing developmental needs in pursuit of sustainable development. The second goal is for WaterNet to become sustainable as a result of regional demand.

Four pathways in pursuit of Phase IV goals have been established. Each pathway can be seen as a thematic thrust, objective outcome and work area of WaterNet Phase IV. The four pathways are interrelated and shall be pursued simultaneously. Each one is presented below.

1. WaterNet network governance and management oriented toward outcomes, increased effectiveness and long-term sustainability of the network.
2. Demand driven academic and professional training programs that develop capacity to specifically address evolving water-related development challenges in the region.
3. Generation of sustainable regional water solutions through action oriented research.
4. On-going engagement of academia and decision makers to interpret science for uptake.

### 3 Programme Targets

#### 3.1 Review of Planned Activities January to December 2017

The following activities were planned for 2017. Below is the review of the 2017 workplan and budget (as approved at the 17<sup>th</sup> WaterNet Annual General Meeting, held in Gaborone, Botswana on 27<sup>th</sup> October 2016).

**Table 3.1** 2017 Work Plan review

<b>Review of 2017 WaterNet Annual Workplan implementation</b> As approved by the 22 <sup>nd</sup> WaterNet Management Board			
Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<b>Working Area 1: Institutional and organisational governance: Network management and governance</b>			
<b>Outcome Objective 1:</b>  Increased effectiveness and sustainability of the network	<ul style="list-style-type: none"> <li>• Number of SADC countries with increased contribution toward WaterNet fellowships At least 5 in 2017</li> <li>• 40% proportion of financial contributions from new cooperating partners and projects.</li> <li>• Number of water solutions at the regional level where WaterNet</li> </ul>	<ul style="list-style-type: none"> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Program annual progress reports as well as annual contribution analysis</li> <li>• Political press release and position paper on water related problems in the</li> </ul>	

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
	<p>members would have contributed to in terms of human capacity</p> <ul style="list-style-type: none"> <li>Strengthened horizontal collaboration within members and involvement of new actors like the private sector</li> <li>Strengthened vertical collaboration with SADC member states in terms of capacity building activities.</li> </ul>	SADC region including media	
<p><b>Output 1.1:</b> <b>Carry out the functions of a SADC Subsidiary Institution under the Fourth Regional Strategic Action Plan on Integrated Water Resources Development and Management (RSAP4)</b></p> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>➤ Lead Activities in the implementation of the SADC SHCP under RSAP4</li> </ul>	<ul style="list-style-type: none"> <li>Number of capacity building activities implemented in the framework of the SADC strategic Human capacity plan (at least 8 in 2017)</li> <li>75% of SADC statutory meeting in the Water sector where WaterNet contribute to the agenda</li> <li>Strengthened participation of WaterNet in SADC research agenda through the implementation of regional and transboundary research projects</li> </ul>	<ul style="list-style-type: none"> <li>Annual progress report</li> <li>Change and contribution analysis on annual basis</li> <li>Outcome mapping reports</li> </ul>	<ul style="list-style-type: none"> <li>WaterNet under the SADC Water division has been contracted to implement for Member States and three river Basin organisations the SADC water sector Strategic Human Capacity Plan (2014-2020).</li> <li>WaterNet attended the WRTC and RBOs meeting and reported on capacity building activities (20-25 May 2017) in Vaal, South Africa.</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<ul style="list-style-type: none"> <li>➤ Report to SADC Water Resources Technical Committee and Ministers responsible for Water on current WaterNet activities</li> <li>➤ Joint activities toward WARFSA establishment</li> </ul>			<ul style="list-style-type: none"> <li>• WaterNet has been approach by ZAMCOM to prepare the CB plan for the river Basin Organisation</li> <li>• Bilateral meeting with SANWATCE took place in Harare, Zimbabwe on 9 March 2017 on the possible collaboration regarding Capacity building activities and WARFSA.</li> </ul>
<p><b>Output 1.2: Promote member ownership of the network</b></p> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>➤ <b>Promote active participation of members in WaterNet activities (Education, Outreach, Research and Trainings)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Increased membership in SADC states with few members</li> <li>• Increased member participation in collaborative activities</li> <li>• Promote active participation of members in WaterNet activities</li> <li>• Increased Members with staff development needs catered for in MSc, Post-Master and PhD programmes</li> </ul>	<ul style="list-style-type: none"> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Annual progress reports</li> <li>• Membership reports</li> </ul>	<ul style="list-style-type: none"> <li>• Members have been involved in the development of the ACBF proposal, the implementation of the WaterNet Msc, in setting up the Symposium ISC and LOC as well as the design of the SADC courses outlines</li> <li>• Members were involved in the implementation of the Plan international consultancy, the IUCN pilot</li> </ul>



Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<p>➤ <b>Deliberate efforts (prioritise) toward ensuring that Members with staff development needs catered for in MSc, Post-Master and PhD programmes.</b></p>			<p>project on the PUBUSA and the rolling-out of GIZ funded short professional training courses</p>
<p><b>Output 1.3:</b> <b>Carry out actions in support of IWRM at continental level, on the basis of Southern and East African perspective and in liaison with sister networks and GWP.</b></p> <p><b>Activities</b></p> <p>➤ Conduct at least two collaborative trainings with sisters networks in East Africa</p> <p>➤ Conduct at least one outreach event with sister networks</p>	<ul style="list-style-type: none"> <li>• Participation in programmes of AMCOW, AgWA and other appropriate institutions</li> <li>• Increased collaborative capacity building activities with other CapNet affiliated networks at regional and continental level</li> </ul>	<ul style="list-style-type: none"> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Annual progress reports</li> <li>• Membership reports</li> </ul>	<ul style="list-style-type: none"> <li>• The AfriAlliance conference was held 22-24 March in Ekurhuleni, South Africa for enhanced knowledge sharing for water and climate research and initiatives in Africa.</li> <li>• The AfriAlliance conference brought together 16 partners from across the continent and Europe (GWP, CSIR, WRC, AFWA)</li> <li>• 8 short professional training courses have been implemented during 2017.</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<p>outside the SADC region</p> <ul style="list-style-type: none"> <li>➤ Develop at least one Collaborative research proposal with Sister networks outside the SADC region</li> </ul>			<ul style="list-style-type: none"> <li>• ACBF proposal was developed (UZ, CSIR, UNIMA and UB)</li> <li>• A research proposal was submitted to NORAD</li> </ul>
<p><b>Output 1.4: : Efficient and effective operating Executive Management responding to regional and network needs</b></p> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>➤ Engage a full time fundraising and partnership staff member</li> <li>➤ Maintain the existing staff member level</li> </ul>	<ul style="list-style-type: none"> <li>• Smooth coordination of actions</li> <li>• Well performing staff retained</li> </ul>	<ul style="list-style-type: none"> <li>• Staff appraisals</li> <li>• Annual progress reports</li> </ul>	<ul style="list-style-type: none"> <li>• The Full time fundraising and partnership manager not yet contracted</li> <li>• Secretariat operational</li> </ul>
<p><b>Output 1.5: Financial sustainability</b></p> <p><b>Activities</b></p>	<ul style="list-style-type: none"> <li>• Additional funds raised for fellowships and research (40%)</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress reports</li> <li>• Audited financial statements</li> </ul>	<ul style="list-style-type: none"> <li>• Grant Agreement signed with GIZ under the UKAID and German Cooperation for</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<ul style="list-style-type: none"> <li>➤ Securing at least 50% of the 2018 budget in the course of the year from other ICPs</li> <li>➤ Implement full recovery model for short professional training courses</li> <li>➤ Reduction in costs linked to the delivery of WaterNet activities (Education, training and governance)</li> </ul>	<ul style="list-style-type: none"> <li>• Contribution from new Cooperating Partners secured (50% -2018 Budget)</li> <li>• Reduced governance and management costs from core funding by gradually by decentralising activities and obtaining contracts which include overhead and staff time.</li> </ul>	<ul style="list-style-type: none"> <li>• Change and contribution analysis on annual basis</li> </ul>	<p>SADC Water sector Capacity building</p> <ul style="list-style-type: none"> <li>• Two research proposal successfully secured under GCRF: Growing Research Capability to meet challenges faces by developing countries (BRECcIA). Grants to start in October 2017. The second from NOW in short ZAMSECUR, in full 'Enhancing Water, Food and Energy Security in the Lower Zambezi [ZAMSECUR]; Zambia, Zimbabwe and Mozambique'</li> <li>• Hybrid model (online and face to face) have been introduced for cost reduction and increased effectiveness of the WaterNet training programmes</li> <li>• Additional assignments have been secured in the course of the year from Plan International, IUCN and</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
			<p>before the end of the year ZAMCOM</p> <ul style="list-style-type: none"> <li>• Additional courses to be implemented by WaterNet with financial support from the British and German Governments through GIZ.</li> <li>• UNESCO-ROSA short assignments with Msc students with financial compensation under discussions.</li> </ul>
<p><b>Output 1.6: Monitoring, evaluation and reporting</b></p> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>➤ Prepare and submit all contractual reports of activities implemented in the course of the year 2017</li> </ul>	<ul style="list-style-type: none"> <li>• Biannual progress technical and financial reports timeously prepared and presented</li> <li>• Project's reports timeously prepared and submitted</li> </ul>	<ul style="list-style-type: none"> <li>• Evaluation report</li> <li>• Mid-term review</li> <li>• Annual progress report</li> </ul>	<ul style="list-style-type: none"> <li>• 2 AfriAlliance reports were timeously submitted</li> <li>• Narrative and Financial reports submitted to IUCN, RESILIM-USAID and UNESCO-ROSA</li> <li>• Narrative and audited Financial Statement of the Trust and Core Host institutions submitted to EKN in Maputo, Mozambique and these have been approved</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
			<ul style="list-style-type: none"> <li>Financial report submitted to GIZ quarterly for the REP</li> </ul>
Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<b>Working Area 2: Capacity development through education and professional training</b>			
<b>Outcome Objective 2:</b> Problem-solving and action oriented post graduate educational programmes and short professional training courses delivered and sustained	<ul style="list-style-type: none"> <li>Increased number of students working toward solving water problem in the region</li> <li>Increased capacity of WaterNet member institutions in delivering water educational programmes</li> <li>Increased delivery of collaborative training activities,</li> <li>Increased pool of water sector institutions' and staff who are key agents for positive changes for water related problems.</li> <li>At least 30% of Government, River Basin organisations, Water utilities and civil society actors (disaggregated by gender) who's knowledge and attitude has</li> </ul>	<ul style="list-style-type: none"> <li>Mid-year Management Board evaluation of work plan and budget</li> <li>Program annual progress reports</li> <li>Narrative and financial training reports</li> <li>Transboundary and catchment management activities reports and press releases</li> </ul>	

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
	changed as result of WaterNet capacity building interventions in 2017.		
<b>Output 2.1: Deliver the Master programme at all seven host institutions</b> <b>Activities</b> <ul style="list-style-type: none"> <li>➤ IWRM Masters Programme implemented at Core host institutions</li> <li>➤ IWRM Masters programme implemented at specialisation hosts</li> </ul>	<ul style="list-style-type: none"> <li>• Core and specialisation modules delivered smoothly each year</li> <li>• At least 35 graduates per year, with a target of 200 graduates for Phase IV</li> <li>• 24 sponsored through ICPs and SADC and 11 self-sponsored</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Core and specialisation bi-annual progress reports</li> <li>• Mid-year Management Board evaluation of work plan and budget</li> </ul>	<ul style="list-style-type: none"> <li>• The 2017-2018 intake started on 20 February 2017 at UZ and UDSM (20 students WaterNet- 5 Self sponsored). The 2016-2017 intake worked on their research work (24 WaterNet and 4 self-sponsored) and 75% are expected to graduate this year</li> <li>• 2017-2018 students completed their core modules and went for four specialisation from July-October 2017.</li> </ul>
<b>Output 2.2: Master students carry out relevant and high quality research, supported by core and specialisation host institutions</b> <b>Activities</b>	<ul style="list-style-type: none"> <li>• Dissertations produced in line with regional priorities and research agenda</li> <li>• 50% of dissertations are published as peer-reviewed papers</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Core and specialisation bi-annual progress reports</li> <li>• Mid-year Management Board evaluation of work plan and budget</li> </ul>	<ul style="list-style-type: none"> <li>• 13 WaterNet Alumni presented their work to the IAHS Scientific Assembly scheduled in July 2017 in Port Elizabeth, South Africa</li> <li>• Students (5) have submitted to JPCE their dissertation</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<ul style="list-style-type: none"> <li>➤ Msc students conduct their research in line with the SADC research agenda</li> <li>➤ Msc dissertations are presented at international conferences and published</li> </ul>			<p>work for peer-reviewed publication.</p> <ul style="list-style-type: none"> <li>• 12 Abstracts from 2016-2017 students were accepted for the WaterNet symposium in October 2017.</li> <li>• Progress Reports from UZ, UDSM, UB and NUST received</li> </ul>
<p><b>Output 2.3:</b> <b>Implement web-based platform for Master lecture materials, short professional training courses and develop distance and online learning modules (core and options)</b></p> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>➤ At least three short professional training courses implemented in 2017</li> <li>➤ At least two Modules of the IWRM delivered online as short professional training courses</li> </ul>	<ul style="list-style-type: none"> <li>• 30 % of Materials and enrolment from practitioners who are not students</li> <li>• At least 3 course materials available online</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Core and specialisation bi-annual progress reports</li> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Narrative and financial training reports</li> </ul>	<ul style="list-style-type: none"> <li>• Hybrid training model was implemented for the WaterNet short professional training courses (online-f2f-online)</li> <li>• 8 courses have been implemented in the course of 2017.</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<b>Output 2.4: : On-going quality control and curriculum development and deeper links developed with other relevant Masters programmes at SADC universities inclusive of non-English speaking countries</b>  <b>Activities</b> <ul style="list-style-type: none"> <li>➤ Conduct the review of the existing WaterNet Masters programme</li> <li>➤ Review the evaluation of the existing modules by students and hosts institutions</li> <li>➤ Fundraise for full programme in non-English speaking countries</li> <li>➤ Contribute with case studies toward GWPSA IWRM toolbox</li> </ul>	<ul style="list-style-type: none"> <li>• Quality of programme delivery and dissertations up to standards</li> <li>• Mutual recognition and some form of credit transfer established with local universities</li> <li>• Documented continuous feedback on regional and national development priorities (SADC and GWP-SA) to target curriculum and case studies</li> <li>• Number of Msc graduates continuing for their PhD</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Core and specialisation bi-annual progress reports</li> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Narrative and financial training reports</li> </ul>	<ul style="list-style-type: none"> <li>• Contribution toward the development of the GWP manual for IWRM training at tertiary level that has now been published and is undergoing a 2-year review from practitioners across the globe.</li> <li>• Solicitation letter submitted to AFDB for financial support and additional meetings scheduled for the next quarter with AFDB and other ICPs</li> </ul>
<b>Output 2.5:</b> <b>Deliver collaborative, responsive and demand driven short professional training courses</b>	<ul style="list-style-type: none"> <li>• 100% of short professional courses delivered in partnership with other institutions</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Core and specialisation bi-annual progress reports</li> </ul>	<ul style="list-style-type: none"> <li>• 2 courses out of four delivered in non-English speaking countries. A Total of 8 courses were delivered by end of December 2017.</li> </ul>



Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<b>inclusive of Francophone and Lusophone actors</b> <b>Activities</b> <ul style="list-style-type: none"> <li>➤ Conduct at least 8 face to face short professional training courses</li> <li>➤ Conduct at least 4 online short professional training courses</li> <li>➤ Conduct at least two courses for Lusophone and Francophone</li> <li>➤ Secure at least two additional training courses in the course of the year.</li> </ul>	<ul style="list-style-type: none"> <li>• 30% of Short professional training courses delivered in Lusophone and Francophone countries</li> </ul>	<ul style="list-style-type: none"> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Narrative and financial training reports</li> </ul>	<p>WaterNet with funding from British and German government through GIZ will run 16 courses for SADC member States and RBOs for the period June 2017- April 2019.</p>
<b>Output 2.6:</b> <b>Build the capacity of young water professionals</b> <b>Activities</b> <ul style="list-style-type: none"> <li>➤ Support WaterNet alumni participation to regional and international activities</li> </ul>	<ul style="list-style-type: none"> <li>• Number of young professional trained yearly and throughout the phase gender disaggregated</li> <li>• Number of training activities where young professional are invited and supported.</li> <li>• Number of mentorship, coaching and internship programmes initiated in the course of phase IV</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Core and specialisation bi-annual progress reports</li> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Narrative and financial training reports</li> <li>• Mid-term review</li> </ul>	<ul style="list-style-type: none"> <li>• Funds were secured from IAHS to support WaterNet Alumni for the scientific assembly</li> <li>• Funds was secured from WMO for the WaterNet PhD student and one Alumni to go and present their work at the EGU conference in Vienna, Austria (April 2017)</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<ul style="list-style-type: none"> <li>➤ Involve WaterNet Alumni in fundraising and communication efforts for the network</li> <li>➤ showcase successful WaterNet Alumni achievement</li> <li>➤ Establish a formal mentorship programme for youth in the water sector for the SADC region</li> </ul>			<ul style="list-style-type: none"> <li>• Possibility of joint activities with SANWATCE currently explored (Partial funding of the fellowship)</li> <li>• DUPC funds secured toward Alumni database finalisation</li> <li>• Involvement of WaterNet Alumni in the preparation of the symposium.</li> <li>• Support the formal inclusion of the youth representative on the SADC WRTC</li> </ul>
	•	•	•
Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<b>Working Area 3: Generation and application of new collaborative research for development</b>			
<b>Outcome Objective 3:</b> Enhanced and sustained regional cooperation and research capabilities in delivering water solutions in the SADC region.	<ul style="list-style-type: none"> <li>• SADC and other regional institutions/processes take research outputs in addressing water challenges for the region.</li> <li>• Authoritative research and policy papers influenced regional and</li> </ul>	<ul style="list-style-type: none"> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Program annual progress reports</li> <li>• Narrative and financial research reports</li> </ul>	

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
	<p>national water policy direction and interventions</p> <ul style="list-style-type: none"> <li>Increased regional partnership and cooperation for advancing and implementation of cutting edge research for the water sector.</li> </ul>	<ul style="list-style-type: none"> <li>Transboundary and catchment management activities reports and press releases</li> <li>Evaluation and review reports</li> </ul>	
<p><b>Output 3.1:</b></p> <p><b>Implement collaborative research projects aligned to the SADC research agenda that are relevant, coordinated, and integrated into network activities and linked to uptake of results</b></p> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>➤ Develop at least four research proposal in the framework of the SADC research Agenda</li> <li>➤ Implement at least two collaborative research proposals</li> </ul>	<ul style="list-style-type: none"> <li>In 2017, Four collaborative projects implemented in the framework of the SADC research agenda</li> <li>At least three partners involved in the implementation of collaborative research</li> <li>At least two in 2017 projects with significant uptake of research products</li> </ul>	<ul style="list-style-type: none"> <li>Annual progress report</li> <li>Research project annual progress reports</li> <li>Mid-year Management Board evaluation of work plan and budget</li> </ul>	<ul style="list-style-type: none"> <li>The AfriAlliance project started last year is on-going and WaterNet is leading activities on enhance knowledge sharing of the project</li> <li>A new research project under GRCF was secured subject and started on 1<sup>st</sup> October 2017.</li> <li>New project (ZAMSECUR) has been secured under WOTRO.</li> <li>The themes of the WaterNet symposium are now extracted from the SADC research agenda</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<ul style="list-style-type: none"> <li>➤ Contribute toward policy formulation at SADC level through research outputs</li> </ul>			<ul style="list-style-type: none"> <li>• Two research proposals have been developed and submitted to NORAD and ACBF</li> </ul>
<p><b>Output 3.2:</b> <b>Seek funding for new research activities and establish new collaborative research projects supporting WaterNet educational programmes</b></p> <p><b>Activities</b></p> <ul style="list-style-type: none"> <li>➤ Secure funding for at least two major collaborative research in the course of 2017</li> <li>➤ Secure financial support toward the implementation of the SADC research agenda</li> <li>➤ Secure through research projects and ICPs additional funds for MSC research projects (at least 5)</li> </ul>	<ul style="list-style-type: none"> <li>• Number of new projects with secured funding</li> <li>• Number of new funding partners involved in the implementation of the research projects</li> <li>• Number of fellowships embedded in the Collaborative research projects</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Research project annual progress reports</li> <li>• Mid-year Management Board evaluation of work plan and budget</li> </ul>	<ul style="list-style-type: none"> <li>• Partial funding support for WaterNet dissertations currently on-going with SANWATCE</li> <li>• Two collaborative research project secured during 2017.</li> <li>• Two more proposal submitted and results expected before December 2017</li> </ul>
<p><b>Output 3.3:</b> <b>Capacity building in research through mentorship, training, Post Masters facility and the PhD programme</b></p>	<ul style="list-style-type: none"> <li>• Up to 20% of Msc graduates who further develop their capacity through working on thematic research areas as a stepping stone towards either a PhD, a</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Annual progress report</b></li> <li>• <b>Research project annual progress reports</b></li> </ul>	<ul style="list-style-type: none"> <li>• WaterNet PhD students and Alumni who attended the EGU meeting in Vienna, Austria have established</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<b>Activities</b> <ul style="list-style-type: none"> <li>➤ Secure additional funding for the WaterNet PhD fellows</li> <li>➤ Establish a formal mentorship programme for SADC youth</li> </ul>	publication, or further developing their professional careers <ul style="list-style-type: none"> <li>• More funding secured for PhD research</li> <li>• Number of PhD fellows</li> <li>• Number of Post Master Fellows</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Mid-year Management Board evaluation of work plan and budget</b></li> </ul>	contact for further mentorsrship <ul style="list-style-type: none"> <li>• Funding for Alumni secured from WMO, IAHS and DUPC</li> </ul>
Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
<b>Working Area 4 : Knowledge Management and Outreach</b>			
<b>Outcome Objective 4 :</b> Increased relevance and involvement of WaterNet in solving water problems through enhanced promotion and understanding of IWRM	<ul style="list-style-type: none"> <li>• SADC member States and other regional institutions/processes appreciate better Water resources Management and bring the relevant aspects higher at regional and national level.</li> <li>• Knowledge and evidence produced results in increased awareness among researchers, practioners, high-level decision and policy makers</li> <li>• Knowledge exchange and peer-to-peer learning results in improved partnership, and regional cooperation for advancing better</li> </ul>	<ul style="list-style-type: none"> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Program annual progress reports</li> <li>• Narrative and financial symposia and dialogue reports</li> <li>• Transboundary and catchment management activities reports and press releases</li> <li>• Evaluation and review reports</li> </ul>	

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
	water resources management in the SADC region and beyond		
<b>Output 4.1:</b> <b>Online, offline outreach and advocacy through liaison with GWP-SA, AgWA and other partners</b> <b>Activities</b> <ul style="list-style-type: none"> <li>➤ Implement the WaterNet communication strategy</li> <li>➤ Work jointly with GWPSA for advocacy regionally and at continental level</li> </ul>	<ul style="list-style-type: none"> <li>• Documented advocacy links and products with partners</li> <li>• Website and social media posts and visits of advocacy and outreach activities</li> <li>• Number of partners involved in the implementation of outreach and advocacy activities</li> <li>• Number of projects with significant uptake of research products</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Symposia annual progress reports</li> <li>• SADC dialogue bi-annual reports</li> <li>• Mid-year Management Board evaluation of work plan and budget</li> </ul>	<ul style="list-style-type: none"> <li>• WaterNet published on the website and social media project activities (AfriAlliance, DUCP and WaterNet Msc)</li> <li>• The core hosts and specialisations posted on AKVO-RSR updates (4) with regards to the 2017-2018 intake</li> <li>• Joint publication with GWP of the IWRM manual for teaching IWRM at tertiary level</li> </ul>
<b>Output 4.2:</b> <b>Annual WaterNet/WARFSA/GWP-SA Symposia</b> <b>Activities</b> <ul style="list-style-type: none"> <li>➤ Review 17<sup>th</sup> WaterNet symposium</li> <li>➤ Plan and implement 18<sup>th</sup> symposium</li> </ul>	<ul style="list-style-type: none"> <li>• Number of symposia convened during Phase IV</li> <li>• Number of symposia participants and their representation breakdown</li> <li>• Number of policy briefs and peer-reviewed publications produced from the symposia</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Symposia annual progress reports</li> <li>• SADC dialogue bi-annual reports</li> <li>• Mid-year Management Board evaluation of work plan and budget</li> </ul>	<ul style="list-style-type: none"> <li>• Narrative reports of the 17<sup>th</sup> WaterNet symposium received but not the financial</li> <li>• Planning meeting of the 18<sup>th</sup> WaterNet symposium convened and field visit done at the Conference venue.</li> </ul>

Outcome/Output	Indicators (targets)	Data Sources Means of Verification	Yearly Review
➤ Prepare 19 <sup>th</sup> and 20 <sup>th</sup> symposia			<ul style="list-style-type: none"> <li>• Call for Expression of Interest for the 19<sup>th</sup> and 20<sup>th</sup> symposia sent out.</li> <li>• 18<sup>th</sup> Symposium set to take place as scheduled</li> </ul>
<b>Output4 .3:</b> <b>Active WaterNet Alumni Association and Young Water Professional Chapters</b> <b>Activities</b> <ul style="list-style-type: none"> <li>➤ WaterNet alumni involve in various network activities</li> <li>➤ WaterNet alumni to lead social media presence</li> <li>➤ WaterNet alumni to contribute toward WaterNet fundraising</li> </ul>	<ul style="list-style-type: none"> <li>• Number of WaterNet Alumni involved in WaterNet training and educational activities</li> <li>• Number of WaterNet alumni involved in WaterNet research projects</li> <li>• Number of Waternet alumni presenting at the WaterNet symposium</li> <li>• Number of WaterNet alumni represented in the Management and governance</li> </ul>	<ul style="list-style-type: none"> <li>• Annual progress report</li> <li>• Research , training and symposia annual progress reports</li> <li>• Mid-year Management Board evaluation of work plan and budget</li> <li>• Tracer survey</li> </ul>	<ul style="list-style-type: none"> <li>• WaterNet Alumni sponsored for the IAHS and EGU conferences and WaterNet symposium</li> <li>• WaterNet Alumni involved in the LOC in Namibia.</li> <li>• DUPC funds secured for additional work on the database of WaterNet Alumni.</li> <li>• WaterNet Alumni and students set to be involved in WaterNet collaborative research projects.</li> </ul>





2018 Proposed Budget (In Euro)																			
Fund	Workplan Output	2017								Proposed							NOT YET CONTRACTED		
		2014 Audited Expenditure	2015 Audited Expenditure	2016 Audited Expenditure	Estimated costs to year end	2018 Required budget	Total to be Secured										GIZ Additional Funding	ZAMCOM	Balance /(Shortfall) 2018
									DGIS	Rolled over funds	DGIS Budget	WN members	GIZ	Breccia project	Afrialliance	IUCN	DUPC		
Governance		99 926	112 778	122 774	130 000	125 000	122 518	100 000		100 000	12 000		6 318	-	-		4 200		(2 482)
Management		259 856	245 963	294 376	293 000	291 240	297 471	180 000		180 000	-	10 362	28 253	16 294	3 962	15 000	11 000	32 600	6 231
Scientific Backstopping		18 554	7 980	16 135	-	30 000	30 000			-	-	-	-	-	-	30 000			-
Symposium		75 715	90 236	62 109	70 000	60 000	60 000	60 000		60 000	-	-	-	-	-				-
Publications		1 278			5 000	5 000	-			-	-	-	-	-	-				(5 000)
MSc		501 383	711 682	469 669	374 000	350 000	350 000	240 000	110 000	350 000	-	-	-	-	-				-
Curriculum Development		12 862	14 827	16 608	-	-	30 000	30 000		30 000	-	-	-	-	-				30 000
Post Doctoral		-	41 226	55 245	-	-	-	-		-	-		-	-	-				-
Professional Training		247 339	77 106	102 689	228 000	493 899	492 358	-		-	-	367 807	-	-	18 051		89 000	17 500	(1 541)
Language					-	30 000	-	-		-	-	-	-	-	-				(30 000)
Post-Master Facility		1 401	-		-	-	-			-									-
Alumni Association		8 755	8 536	6 154	8 000	10 000	5 000	-		-	-	-	-	-	-	5 000			(5 000)
PhD		34 937	41 275	38 776	5 789	-	-	-		-	-	-	-	-	-				-
Research Activities		2 650			16 183	96 476	96 476	-		-	-	-	77 053	19 423	-				0
Program Review		16 296			-	-	-	-		-	-	-	-	-	-				-
Contingencies (unforeseen)		21 060	40 726	15 376	35 000	20 000	20 000	20 000		20 000	-	-	-	-	-				-
Prior Year Commitments		96 005	79 133	50 797			-			-									-
Other Projects (DUPC & ACCFP)		-	57 055	47 264			15 700			-							15 700		15 700
Total		1 398 017	1 528 523	1 297 972	1 164 972	1 511 615	1 519 523	600 000	140 000	740 000	12 000	378 169	111 624	35 717	22 013	50 000	100 000	70 000	7 908
Notes																			
1. Budget has been linked to the work plan steps to trace source of funding for each output.																			
2. "2014, 2015 and 2016 Audited Expenditure" refers to the expenditure incurred by the Network in the respective years as per our audited financial report.																			
3. "2018 Required Budget" represents the total budget required to fully execute the 2018 workplan.																			
4. "Total to be Secured" refers to commitments by the various donors but some contracts are yet to be finalised.																			
5. The Msc budget includes all costs associated with running the fellowship programme which includes travel, meetings, Fees, Staff Exchange and Msc Dissertation.																			

## 4 Achievements per working areas in 2017

The year 2017 marked the beginning of WaterNet phase IV (2017-2021) and this phase has been designed with a strong focus on sustaining WaterNet activities by diversifying sources of financial income. New projects with new international cooperating partners will be sought. SADC member States commitment of supporting fellowships for the Master's programme in Integrated Water Resources Management (IWRM) will also be pursued in order to sustain the WaterNet programme within the region. The year 2017 recorded some positive developments with WaterNet acquiring a mid-term agreement from GIZ with funds from the British and German Governments for short professional training courses to be implemented up until April 2019. Three collaborative research projects running up until 2021 have been also secured respectively from the European Commission, DFID GCRF and WOTRO. Additional contracts with UNESCO Regional Office for Southern Africa and The International Union for Conservation of Nature (IUCN) started in 2016 continued to be implemented in 2017.

### 4.1 Working Area 1: Institutional and organisational governance: Network management and governance

#### 4.1.1 Outcome Objective 1: Increased effectiveness and sustainability of the network

WaterNet SADC subsidiary status continues and contributions to annotated agenda for the two WRTC meetings in 2017 was done as appropriate.

WaterNet started the implementation of the short professional training courses on behalf of the SADC water division with funding from the GIZ Transboundary Water Management Programme. The grant will cover training activities for SADC member States and selected River Basin Organisations (RBOs). These training are guided by the SADC Strategic Human Capacity Plan (SHCP, 2014-2020) and will run up until April 2019.

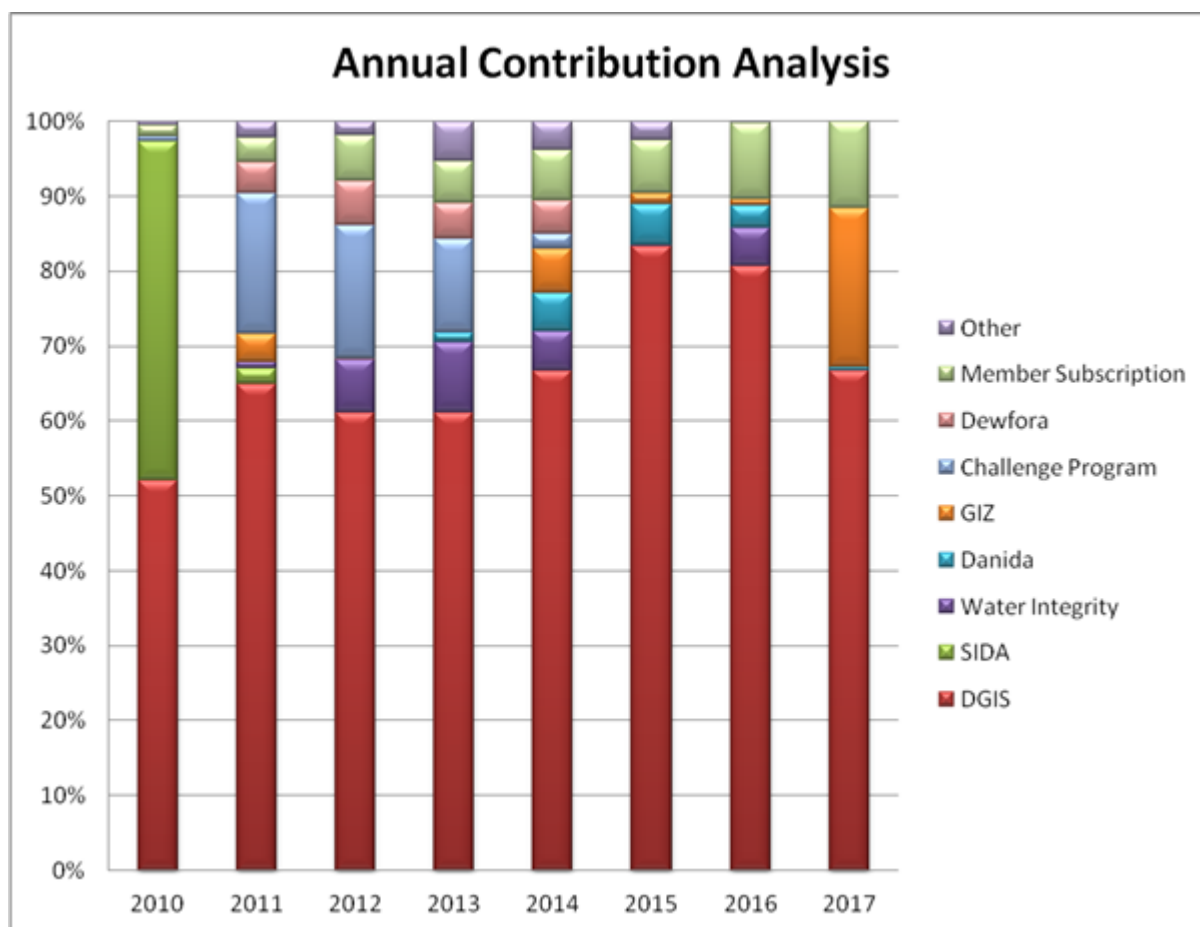
The WaterNet Management Board meetings took place respectively in Roodeport, South Africa 10-11 May and Swakopmund Namibia, 23-24 October 2017. The major highlights of these two meetings included the launch of the WaterNet phase IV (2017-2021). The Management Board also welcomed Dr Manta Nowbuth from Mauritius who was elected in October 2016. The number of WaterNet members was 77 as of December 2017. WaterNet worked closely with CapNet and provided monthly news summary that were broadcast worldwide in addition to our quarterly newsletter, new website and social media presence. An intern for the AfriAlliance project hired in 2016 continued to support the project for the first half of 2017.

In 2017, the WaterNet financial accountant (Chartered accountant) and KPMG supported by the administrator conducted all financial processes procedurally and this resulted in an unqualified external audit. The taxation return in Botswana where the Trust is registered was done by KPMG throughout 2017. The new DGIS format introduced in 2015 on liquidity forecast was implemented as appropriate also in 2017. The tax clearance certificate from BURS in Botswana has been received.

In 2017, Disbursements were received from GIZ, IUCN, UNESCO, IUCN, Plan international, IAHS and DGIS. .

The target of securing additional funds from other partners beside DGIS up to 30% was achieved in 2017. WaterNet annual contributions from various partners over the past eight years

indicates an increase in contributions from smaller projects that are managed together with the membership contributions as per figure below:



In 2017, the important assignment of reporting, monitoring and evaluation was done as per contractual requirement from all our partners and funders. The executive management prepared all narrative and financial reports timeously and these were submitted as appropriate to relevant cooperating partners on behalf of the WaterNet Management Board. The executive management reports twice per year to the management through various committees.

Dr Manta Nowbuth from the university of Mauritius joined the Board of Trustees. Below the composition of the WaterNet Management Board and the respective committees for the year 2017.

*Composition of the Board of Trustees:*

- Dr. L Magole (University of Botswana), Chairperson
- Prof G. Jewitt (University of KwaZulu Natal)
- Dr J Kileshye Onema (WaterNet). *ex-officio*
- Prof F. Ilunga (University of South Africa)
- Dr R. Kimwaga (University of Dar Es Salaam)
- Dr H. Makurira (University of Zimbabwe)
- Prof B. Mapani (University of Namibia)
- Prof T. Mkandawire (University of Malawi)
- Ms J. Muzamhindo (Africa University)
- Dr Manta Nowbuth (University of Mauritius) –Elected in October 2016

#### *Composition of Committees*

- i. Finance Committee: Prof Mapani (Chair), Dr L Magole, Dr J Kileshye Onema, Prof F Mucavele<sup>+</sup>, Dr H Makurira serviced by the Manager and Financial Accountant
- ii. Human Resources Committee: Ms J Muzamhindo (Chair) Dr L Magole, Mr A Takawira (GWP-SA), Prof G Jewitt, , Dr J Kileshye Onema serviced by Ms Muzamhindo.
- iii. Curriculum Review and Quality Control Committee: Dr Kimwaga (Chair), Ms J Fatch (Alumni), Eng Van Lieshout, Dr H Makurira, Coordinators representative, serviced by the Programmes Coordinator.
- iv. Research Committee: Prof G Jewitt (Chair), Prof van der Zaag (IHE Delft), Eng Van Lieshout (ITC), Dr Manta Nowbuth, Prof F Ilunga, Dr Kileshye Onema; serviced by the Manager.
- v. Membership Committee: Prof T Mkandawire (Chair), Prof B Mapani, Dr R Kimwaga and Ms J Fatch (Alumni); serviced by the Programmes Coordinator.

## **4.2 Working Area 2: Capacity development through education and professional training**

### ***4.2.1 Outcome objective 2: Problem-solving and action oriented post graduate educational programmes and short professional training courses delivered and sustained***

1. Masters in Integrated Water Resources Management (IWRM)

#### **1.1. 2018/19 Intake**

A total of 120 applications were received for 2018/19 intake from the various SADC countries as summarized in Table below:

<b>Country</b>	<b>No. of Applicants</b>	<b>Male</b>	<b>Female</b>
Botswana	6	2	4
DRC	4	4	0
Kenya	1	1	0
Lesotho	7	6	1
Malawi	22	18	4
Mozambique	1	0	1
Namibia	3	0	3
South Africa	5	2	3
Swaziland	12	8	4
Tanzania	14	11	3
Uganda	3	3	0
Zambia	5	5	0
Zimbabwe	36	23	14
<b>TOTAL</b>	<b>120</b>	<b>83</b>	<b>37</b>

There were no applications were received from Angola, Mauritius, Madagascar and Seychelles while very few applications were received from SADC countries which include Botswana, DRC, Lesotho, Mozambique, Namibia, South Africa and Zambia.

The selection meeting for the 2018/19 intake for the Regional Masters Programme in IWRM was held on 8 September 2017 in Johannesburg, South Africa. The meeting was attended by 6 coordinators from University of Botswana, University of the Western Cape, Namibia National University of Technology, University of Zimbabwe, University of Dar es Salaam and University of Malawi.

## **2017/18 Intake**

The 2017/2018 batch has a total number of 22 students (12 from UDSM and 10 from UZ) from the various SADC countries and beyond. Ten (20) students are sponsored by WaterNet, one by the Ministry of Education (Government of Tanzania) and one student is under private sponsorship (Tanzania).

In 2017, 4 specializations were running, i.e. Water Resources Management, Hydrology, Water and Land and Water Supply and Sanitation. The fifth specialization which was supposed to run, Water and Society could not run mainly because the students who were due to go to the Western Cape did not apply for study permits on time.

The University of KwaZulu Natal (South Africa) was not in a position to run the specialisation due to inadequate staff members. The University of Malawi specialisations did not receive enough students for optimally run the programme.

### **2. WaterNet short professional training courses**

Seven short professional training courses under the GIZ grant and one course under IUCN were conducted in 2017. Pre and post training activities were done online. Face to face sessions were also conducted for a week for all the eight courses implemented in 2017. A total of 203 participants attended the trainings. Out of eight courses two were respectively implemented in French and Portuguese. Course title, venue and number of participants are given below:

- a. International water law and instruments including UN articles on groundwater, The training was held from 19- 23 June 2017, Gaborone, Botswana, 19 participants attended the course;
- b. Le droit international de l'eau douce et le Projet d'articles de la Commission du droit international (CDI) sur les aquifères transfrontières, 22 - 25 Août 2017, Kinshasa, République Démocratique du Congo. 24 participants attended the course
- c. Curso em Direito Internacional da Água, para melhoria da gestão de recursos hídricos transfronteiriços na região da África Austral. 18 - 21 de Setembro 2017, Maputo, Moçambique. 24 participants attended the course.

- d. The e-flows Pilot Demonstration Project for the Pungwe/Buzi/Save (PUBUSA) being funded by IUCN started with the pilot project team and stakeholders meeting in Vumba, Mutare on 28 – 29 September 2017. The meeting was attended by a total of 31 people from Mozambique and Zimbabwe.
- e. Monitoring and communicating of river water status, 2-6 October 2017, Lilongwe, Malawi. This was attended by 25 participants
- f. Negotiation Skills in Transboundary Surface and Ground Water Resources Management held from 14 - 17 November, 2017 Dar es Salaam, Tanzania. Attended by 32 participants;
- g. Gender Mainstreaming in Transboundary Water Resources Management, held from 28 November – 1 December 2017, Johannesburg, South Africa. Attended by 23 participants;
- h. International water law and instruments including UN articles on groundwater for the Orange-Senqu River Commission (ORASECOM). Held from 1 - 3 December 2017 at Birchwood Hotel & OR Tambo Conference Centre, Johannesburg, South Africa. Attended by 25 participants attended the course

### **4.3 Working Area 3: Generation and application of new collaborative research for development**

#### ***4.3.1 Outcome objective 3 : Enhanced and sustained regional cooperation and research capabilities in delivering water solutions in the SADC region.***

##### **1. Danida Project on Zambezi.**

The Danida funded project in the Zambezi came to an end contractually on 31 December 2016. A no cost extension was granted in 2017 in order to exhaust funds on PhD students who were yet to complete their studies. All 5 M.Sc. Students completed their studies as of December 2016 the 3 PhDs students registered respectively at the University of Zambia, University of Kwazulu Natal and the University of Twente continued with their candidatures in 2017. Satisfactory progresses are made by two PhD fellows (UKZN and University of Twente). In 2017, the additional support was not extended to the PhD student in Zambia as his progress was deemed not acceptable after 3 years.

##### **2. SADC Water research agenda**

The research agenda that was developed in the first half of the year 2015 and endorsed by SADC water Ministers during their meeting that took place in Harare in July 2015. From 2017, The WaterNet Msc students dissertations and themes of the annual symposium are now aligned to the SADC research Agenda. The research agenda guided also the development of the Fourth SADC Regional strategic Action Plan (RSAP IV)

### 3. Afri-Alliance

The Afri-Alliance - Africa-EU Innovation Alliance for Water and Climate continued to be implemented in 2017. WaterNet completed Deliverables 3.4 and 3.9. on knowledge brokerage events.

### 4. WARFSA

Waternet had a bilateral meeting with SANWATCE in Harare on 9 March 2017 and is exploring the possibility of partial funding of WaterNet fellowships. An MOU between WaterNet and SANWATCE is under discussion.

### 5. IAHS

IAHS supported 8 delegates and partially supported a further 5 delegates to attend the IAHS Scientific Assembly held in Port Elizabeth in July 2017. The Manager presented a keynote address at the symposium. “The WaterNet Story: Building capacity for Water Resources Management in Southern Africa”.

A Proceedings volume (PIAHS) is forthcoming with Dr Hodson Makurira as lead editor with various sub-editors. Twenty papers have been confirmed for the volume.

### 6- New research proposals submitted and new research projects started during the reporting period

- The research proposal to GCRF (Growing Capacity for Research in developing World) was successful with an inception workshop that took place in November 2017 in Southampton. The project, known as BRECCIA, is led by the University of Southampton. WaterNet budget is in the order of GBP417000 to support 4 PostDoc students and associated coordination activities.
- Enhancing Water, Food and Energy Security in the Lower Zambezi [ZAMSECUR]: A proposal led by TU-Delft with UZ and UNZA as a partners has been confirmed. Two WaterNet Masters graduates will register for PhDs.
- A proposal to the NORAD call for “Support to research institutions and organizations in Sub-Saharan Africa” was coordinated by Prof Manzungu based on a previous proposal to the African Capacity Development Facility under Folder RES102017. The intended Outcomes are:
  - Increased production of high quality research in Sub-Saharan Africa with intended impact on poverty reduction and sustainable development.
  - Increased and effective dissemination of research-based knowledge to policy makers, relevant stakeholders and the public.

## 4.4 Working Area 4 : Knowledge Management and Outreach

### 4.4.1 *Outcome objective 4: Increased relevance and involvement of WaterNet in solving water problems through enhanced promotion and understanding of IWRM*

#### 1. WaterNet/WARFSA/GWPSA symposium

Preparations for the 18<sup>th</sup> WaterNet/WARFSA/GWPSA Symposium went well. The 18<sup>th</sup> Symposium was held at the Swakopmund Hotel and Entertainment Centre,

Swakopmund, Namibia. The theme for the Symposium was **Integrated Water Resources Development and Management: Innovative Technological Advances for Water Security in Eastern and Southern Africa:**

- A total of 255 abstracts were received via Easy Chair;
- The Symposium was officially opened by Mr Abrahan Nehemiah, the Deputy Permanent Secretary , Department of Water Affairs and Forestry,
- 317 participants were recorded at the symposium;
- 115 papers were put on the programme;
- 28 Posters were put on the programme;
- 9 Special Sessions were conducted;

Two expression of interests from the University of Zambia and the University of Venda for hosting Symposium 19 in 2018 were received. However, the University of Venda proposes to host the event on 26 to 29 September 2018.

## **2. Communication with membership**

Promotional materials which include folders, brochures and MSc pamphlets were produced and distributed to stakeholders who include short professional courses participants throughout 2017;

The WaterNet Secretariat promoted also communication with the membership and the general public through its Facebook page, skype and twitter accounts. The Facebook page had 919 likes as of 27 October 2017 while the number of followers on the twitter account was 170.

## **3. Journal of Physics and Chemistry of the Earth**

The presenters at the 17<sup>th</sup> WaterNet/WARFSA/GWP-SA annual symposium held in Gaborone, Botswana submitted papers to the special issue of the Journal of Physics and Chemistry of the Earth. The editorial board of this special issue consisted of Prof Mapani (special issue guest editor), Dr Makurira, Prof Ngongondo, Dr Mul, Dr Magole and Dr Mabvira-Meck (theme editors).

## **4. WaterNet Alumni**

The WaterNet Alumni Association was launched in November 2007. The members have been very active in WaterNet activities since their inception. The Association is headed by a steering committee and an Alumni Board.

The WaterNet Alumni Association remains committed to be frontline ambassadors for IWRM in the region. In 2016 a new steering committee was elected as provided in the table below:

<b>Position</b>	<b>Name</b>	<b>Sex</b>
Chairperson	Joanna Fatch	F
Vice Chairperson	Godwin Kamtukule	M
Secretary	Tshepo Setlhogile	F
Vice Secretary	Sangwani Khosa	M
Treasurer	Hastings Mbale	M

Alumni are central in the implementation of WaterNet phase IV (2017-2021).



## 5 Reporting, Budget and Expenditure Analysis

A detailed expenditure statement is presented as **Annex 1. Table 5-1** below provides a summary of 2017 consolidated receipts and expenditures per 31 December 2017. Detailed expenditures per donors are submitted in an excel work book together with this submission where budgets, actual expenses and variance can be seen

The year 2017 marked the beginning of WaterNet Phase IV and the corporate audit for 2017 conducted by Pricehousecoopers (PWC) and submitted to DGIS through the Royal Netherlands Embassy in Maputo, Mozambique was unqualified.

Table 5-1 Consolidated receipts and expenditures from January 2017 to December 2017

<b>WaterNet Trust</b>							
<b>CONSOLIDATED RECEIPTS AND EXPENDITURES STATEMENT FOR THE PERIOD ENDED 31 DECEMBER 2017</b>							
<b>(In Euro)</b>							
	DGIS	Danida	MEM	Cap-Net	GIZ	WATER INT	Total
<b>Receipts</b>							
Grants received	600 000	-	-	-	324 624	-	924 624
Interest income	183	2	3	-	-	-	188
ACCFP fellowship			-				-
DUPC TopUp funds			-				-
GWP-SA			-				-
IUCN			33 561				33 561
Afrialliance			21 690				21 690
FARNPAN			6 331				6 331
IAHS			8 973				8 973
PLAN International			16 178				16 178
Training workshop income			5 003				5 003
Membership subscriptions	-	-	10 494	-	-	-	10 494
Overhead	-	-	20 001	-	-	-	20 001
Other income	-	-	15 113	-	-	-	15 113
<b>Funding income</b>	<b>600 183</b>	<b>2</b>	<b>137 347</b>	<b>-</b>	<b>324 624</b>	<b>-</b>	<b>1 062 156</b>
<b>Other Income</b>							
Gain on foreign currency exchange	-	-	-	-	1 055	-	1 055
<b>Total receipts</b>	<b>600 183</b>	<b>2</b>	<b>137 347</b>	<b>-</b>	<b>325 679</b>	<b>-</b>	<b>1 063 211</b>
<b>Opening cash and bank balances</b>	<b>1 028 624</b>	<b>6 088</b>	<b>23 559</b>	<b>399</b>	<b>58 147</b>	<b>7 350</b>	<b>1 124 167</b>
<b>Total</b>	<b>1 628 807</b>	<b>6 090</b>	<b>160 906</b>	<b>399</b>	<b>383 826</b>	<b>7 350</b>	<b>2 187 378</b>
<b>Description</b>							
Disbursements	817 256	6 000	146 020	-	269 978	-	1 239 254
Loss on foreign currency exchange	28 548	90	1 804	49	-	7 350	37 841
Movements in travel advances	4 467	-	-	-	-	-	4 467
Fixed assets	1 040	-	-	-	-	-	1 040
<b>Total disbursements</b>	<b>851 311</b>	<b>6 090</b>	<b>147 824</b>	<b>49</b>	<b>269 978</b>	<b>7 350</b>	<b>1 282 602</b>
<b>Net increase of cash receipts</b>	<b>777 496</b>	<b>-</b>	<b>13 082</b>	<b>350</b>	<b>113 848</b>	<b>-</b>	<b>904 776</b>
<b>Evidenced by cash and bank balances</b>	<b>777 496</b>	<b>-</b>	<b>13 082</b>	<b>350</b>	<b>113 848</b>	<b>-</b>	<b>904 776</b>

## 6 Deviation from Planned Activities

The 2017 workplan which marks the beginning of WaterNet phase IV was implemented in lines with the approved yearly budget. No major variances were encountered in the implementation of activities in 2017.

One of the major achievement of 2017 is linked to the diversification of the funding which brought DGIS contribution to 64% of the total Waternet budget for 2017. DGIS 31% of the WaterNet phase IV budget remains however the main contributor to core functions of the institution.

Submitted on 8 June 2018

A handwritten signature in blue ink on a light blue grid background. The signature is stylized and appears to read 'J.M. Onema'.

Dr Jean-Marie Kileshye Onema  
WaterNet Manager

**8 Annex 1: Consolidated Receipts and Expenditures Statement (Period 1 January to 31 December 2017) as per General Ledger**

Please refer the detailed financial report submitted separately as an excel workbook (Financial report 2017)

## Second call for Abstracts

# 18<sup>th</sup> WaterNet/WARFSA/GWP-SA Symposium on Integrated Water Resources Development and Management: Innovative Technological Advances for Water Security in Eastern and Southern Africa

*Jointly convened with the International Association of Hydrological Sciences (IAHS) and the Namibian Ministry of Agriculture, Water and Forestry*

Swakopmund Hotel and Entertainment Centre,  
Swakopmund, Namibia  
25<sup>th</sup> – 27<sup>th</sup> October 2017

## Background

The 18<sup>th</sup> WaterNet/WARFSA/GWP-SA Symposium will be held in Swakopmund, Namibia from 25<sup>th</sup> – 27<sup>th</sup> of October 2017 under the theme Integrated Water Resources Development and Management: Innovative Technological Advances for Water Security in Eastern and Southern Africa. The Namibian Ministry of Agriculture, Water and Forestry is the lead host of the 18th Symposium.

The Symposia have been held annually in the Eastern and Southern African regions for the past 17 years to promote interaction among policymakers, academics, practitioners from water and related sectors, and cooperating partners. Together, they identify regional issues, gaps and priorities that require further research and support. Great emphasis will be placed on integration of knowledge, particularly involving scholars from the natural and social sciences.

This year, the sub-themes of the symposium have been aligned to those of the SADC Research Agenda under the Regional Strategic Action Plan on Integrated Water Resources Development and Management Phase IV. It is intended that researchers identify themes under which their projects fit within the SADC Research Agenda, and thereby contribute to its main objective which is:

- Promoting evidence-based implementation of SADC water programmes and projects through multi- and inter-disciplinary research, and synthesis of existing and new information, which will lead to a realisation of SADC developmental goals.

