



Building Capacity for Water Resources Management in Southern Africa

# 2<sup>nd</sup> Progress Report Phase IIb: 2008-2011

January to June, 2009



A strategic programme of the  
SADC Water Sector

October 2009







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## Phase IIb: 2008-2011

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## Highlights

### **WaterNet Phase IIb (2008 to 2011)**

The WaterNet Phase IIb Project (1 July 2008 to 30 June 2011) document was approved by the cooperating partners on 16 June 2008.

The State of the Netherlands, through the Head of the Development Cooperation Section of the Embassy of the Kingdom of the Netherlands in Maputo, Mozambique, entered into a contract with the WaterNet Trust for funding WaterNet Phase IIb Project with a subsidy up to a maximum of € 2.86 Million.

The Swedish Government, through the Regional Director in Nairobi, Kenya, entered into a contract with the WaterNet Trust for funding WaterNet Phase IIb Project with a subsidy up to a maximum of SEK 10 Million.

### **WaterNet Phase IIa**

WaterNet Phase IIa had a phased closure with authority to use DGIS funds up to 30 June 2008 and the Sida subsidy to bridge the transition from Phase IIa to IIb for the months of July and August 2008, followed by expenditure of the remaining Phase IIa Sida subsidy until 30 June 2009.

### **5<sup>th</sup> WaterNet Management Board Meeting**

The meeting was held on 7 – 8 May 2009 in Gaborone, Botswana. The meeting discussed a range of issues including human resource and financial management of the network. The meeting was preceded by a one-day workshop on financial management, auditing procedures and requirements, and human resources management. The workshop was facilitated by KPMG, PriceWaterHouse Coopers and CGI Consultants.

### **Executive Management (Secretariat)**

The WaterNet Manager, Dr Bekithemba Gumbo, left WaterNet on 28 February 2009. The Board appointed Mr David Love as the new Manager, who was scheduled to take up the position on 1 September 2009. For the period between Dr Gumbo's departure and Mr Love's commencement, Dr Innocent Nhapi was recruited as Interim Manager. The Research Leader, Dr Bongani Ncube, and the Programme Officer, Mr Nicholas Tandi, also departed WaterNet during the reporting period. Thus all senior staff must be replaced during the next reporting period.

### **Masters Programme 2008 Intake**

The thirty nine (39) enrolled students completed their dissertations and were waiting for the final examination of their work.

### **Masters Programme 2009 Intake**

One hundred and forty eight (148) applications from the SADC region were received, most were from Zimbabwe (36%), Tanzania (20%) and Malawi (16%). A

total of 26% of these were women. No applications were received from Angola, DRC, Madagascar, South Africa and Mauritius.

### **Coordinators of the Masters Programme**

The Coordinators for the Masters Programme held their 5<sup>th</sup> Meeting in Namibia on 22 March 2009. The meetings discussed among other things the curriculum review report, quality assurance, dropouts and the development of a research agenda for WaterNet.

### **The Challenge Program on Water and Food**

The project final workshop was held on 15 - 18 June 2009 in Johannesburg, South Africa. Some 30 researchers and students attended, including the CPWF Theme 1 Leader. The project report is now being prepared.

### **Smallholder Systems Innovation in Watershed Management (SSI)**

During the reporting period, the SSI research group developed papers for the special journal issue of Agricultural Water Management. The SSI-2 project has secured UNESCO-IHE Partnership Research Funding (UPaRF) for up-scaling research in the Pangani and Thukela catchment.

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

The 10<sup>th</sup> WaterNet/WARFSA/GWP-SA Symposium will be held in Entebbe, Uganda from 28-30 October 2009. The venue of the symposium is the Imperial Resort Beach Hotel, Entebbe with the theme “*IWRM: Environmental Sustainability, Climate Change and Livelihoods*”. Plans are at an advanced stage.

### **WaterNet News**

During the reporting period two issues of the WaterNet newsletter (WaterNet News Volume 5 Issue 1 and 2) were produced and circulated.

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

The 2009 edition of the *Physics and Chemistry of the Earth Journal* Volume 34, Issues 13-16 entitled “*Water and Sustainable Development for Improved Livelihoods*” was reviewed and edited during the reporting period.

### **Outreach**

During the reporting period WaterNet participated a number of events, the highlight being the World Water Forum (Istanbul), at which a joint initiative was started with the SACIwaters and Concertación networks. Work has begun on improving the availability of information on the WaterNet website.

# 1 EXECUTIVE SUMMARY

The summary of achievements and challenges encountered for the reporting period based on workplan and budget for year 2009 (as amended and approved at the 9<sup>th</sup> WaterNet Annual General Meeting, held in Johannesburg, South Africa on 31 October 2008) are indicated in Table 1.1.

**Table 1.1** Overview of achievements and challenges during the reporting period

<b>Outputs</b>	<b>Activities</b>	<b>Progress (July-December 2008)</b>
1. To forge a strong, demand driven and sustainable network	1.1 Establish WaterNet PCN23	On-going, progress satisfactory. Letter of application and Memorandum of Understanding for SADC subsidiary status prepared and ready for submission. This was made possible by the signing of the Sida-WaterNet ontract which was a requirement for the application for SADC Subsidiarity status
	1.2 Promote member ownership	On-going, progress satisfactory. A new membership report proforma was developed and circulated to all members. A annual membership subscription fee was approved by the last AGM in October 2008 and some members have already started paying.
	1.3 Fully staffed WaterNet Secretariat	The WaterNet Manager, WaterNet Research Leader, and WaterNet Programme Officer resigned in the period March to June 2009. The 3 posts were advertised and are expected to be filled in the second half of 2009.
	1.4 Professional financial management	On-going, progress satisfactory. Financial Management Procedures Manual and Procurement Procedures Manual were discussed with KPMG and PWC and a workshop on financial management for trustees was held before the Board Meeting in May 2009.
	1.5 WaterNet legal status	Target achieved.
	1.6 Financial sustainability	On-going, WaterNet Phase IIb (2008-2011) accepted and funding from DGIS granted. Sida subsidy to the Trust was approved and signed in May 2009. Subscription fees also introduced to supplement income.
	1.7 Monitoring, Evaluation	On-going, progress satisfactory. An audit report or the period July to December 2008 was submitted to cooperating partners in June 2009.
2. Deliver and strengthen the	2.1 Deliver Programme at 2 host institutions	Target achieved, on-going activity with 27 WaterNet funded

<b>Outputs</b>	<b>Activities</b>	<b>Progress (July-December 2008)</b>
jointly owned WaterNet Master programme in IWRM.		students enrolled in the 2008 graduating. A total of 30 WaterNet-funded and 5 privately-funded students were enrolled in 2009 at the two co-hosting institutions.
	2.2 Offer 6 specialisations	On-going activity, for 2009 the 35 students enrolled successfully completed their specialisations at the six host institutions.
	2.3 Fellowship Fund	Target achieved, 30 students 2009-2010 intake in 2.2 above funded through the WaterNet Fellowship Fund and 5 from other sources.
	2.4 Review procedure Masters programme	On-going, with the findings from the review discussed for the second time by the Masters Coordinators meeting in Namibia in March 2009 and recommendations reported to the 5 <sup>th</sup> Management Board in May 2009. The final report is expected in the second half of 2009
	2.5 Dissertation Research Fund	Ongoing activity, target achieved.
3. Professional training and education.	3.1 WaterNet professional training programme	Ongoing activity, two short courses were held in the reporting period. Three more courses are planned for the second half of 2009.
	3.2 WaterNet professional training officer	Deviated to Research Leader
	3.3 Catchment partnerships	On-going. A criteria for the use of the funds was developed and approved by the Board. Applications for this fund will be considered by the next Management Board Meeting in October 2009.
	3.4 English for Water Managers	On-going. The course has been restructured because of lack of demand from students and focus will now be on water managers from non-English speaking countries. Next course will be run end of 2009.
4. Research capacity building	4.1 Research capacity building	On-going, collaboration with WARFSA outstanding as WARFSA still remains non-functional.
	4.2 WaterNet partner in IWRM research	On-going, progress good. Challenge Program on Water and Food (CPW&F) and the Small Systems Innovations Research Projects progressed well with a lot of research outputs and impressive human resource capacity building.
	4.3 Funding new research activities	On-going, slow progress, need to review the research thrust. The next Coordinators meeting will discuss the development of a Research Agenda for WaterNet with a workshop on this and curriculum review planned for Dec 2009. Expectations for improvement in view of 4.4

<b>Outputs</b>	<b>Activities</b>	<b>Progress (July-December 2008)</b>
		below.
	4.4 Appoint 5 WaterNet Professorial Chairs IWRM	On-going, slow progress due to intricacies in the host institutions in establishing the Chairs. All the 5 chairs have been interviewed and selected and it is expected that the 4 who had not taken up post will do so by the end of 2009.
5. Raise awareness and understanding of IWRM	5.1 Develop and implement WaterNet Outreach activities	On-going, progress satisfactory. WaterNet participated in three international and regional meetings on IWRM and produced Volume 55 Issues 1 and 2 of its newsletter. Volume 34 of the Physics and Chemistry of the Earth Journal was on course for publication in August/September 2009.
	5.2 Hold WaterNet/WARFSA Symposia	Ongoing, progress satisfactory. Plans for the 10 <sup>th</sup> Symposium at an advanced stage. A total of 226 abstracts accepted for presentation.

## 2 INTRODUCTION

### 2.1 BASIC DATA

Country:	Southern Africa Development Community (SADC)
Project name:	WaterNet Strategy Phase Iib, 2008-2011: Building Capacity for Water Resources Management in Southern Africa
Sida contribution number	73000564
DGIS activity number:	16706
Executing organisation:	WaterNet Trust
Secretariat Host Institute:	University of Zimbabwe, Harare, Zimbabwe
Project period:	1 July 2008 - 30 June 2011
Progress Report No.:	2
Reporting period:	1 January 2009 – 30 June 2009

### 2.2 CONTEXT

This document is the second progress report of WaterNet Phase Iib (2008-2011) covering the period 1 January 2009 – 30 June 2009.

DGIS funding ended for Phase Iia on 31 August 2009. On that date, there remained an outstanding balance at UNESCO-IHE from the Sida Phase Iia subsidy. Therefore, by agreement between Sida, DGIS, UNESCO-IHE and the WaterNet Trust, this “remaining budget” was utilised during the reporting period, primarily to fund certain aspects of the WaterNet Regional IWRM Masters Programme and the establishment of SADC Waternet Professorial Chairs. These activities were undertaken concurrently with activities funded by DGIS under WaterNet Phase Iib. This document reports mainly the activities funded from the DGIS Phase Iib subsidy, but also those funded from the Sida Phase Iia subsidy. The latter are specifically identified in the text as *funded under the “remaining budget” of the Sida Phase Iia subsidy*. As of 1 July 2009, all WaterNet activities are funded under Phase Iib, by both DGIS and SIDA.

WaterNet, a network of tertiary education and research institutions in Southern Africa, was established in year 2000. By the end of June 2009 WaterNet membership consisted of 59 member institutions, with two candidate members, one associate members and five supporting members.

### 2.3 PROGRAMME OBJECTIVES

The vision of WaterNet is a future in which the SADC region has the institutional and human capacity to educate its own water managers, capable to contribute to the equitable sharing and

sustainable utilisation of water resources for poverty alleviation, economic development (livelihood security) and environmental security.

The mission of WaterNet (long-term development objective) is to enhance institutional and human capacity in Southern Africa in the field of Integrated Water Resources Management (IWRM) through training, education, and research by harnessing the complementary strengths of institutions in the region. The enhanced capacity should enable the peoples of Southern Africa to manage their water resources in a more efficient, equitable and sustainable manner.

The immediate objectives of WaterNet are fivefold:

1. To forge a strong, demand driven and sustainable network of universities and research institutions in Southern Africa in the field of IWRM.
2. To deliver and strengthen the jointly owned regional Master degree programme in IWRM.
3. To develop and deliver demand-driven training and education for practicing water sector professionals in Southern Africa.
4. To stimulate, regionalise and strengthen the research in the field of IWRM in Southern Africa.
5. To raise awareness and understanding of IWRM and its implementation at local, national and trans-boundary scale.

The immediate objectives are interlinked as they depend on each other and also benefit each other.

### 3 PROGRAMME TARGETS

#### 3.1 PLANNED ACTIVITIES JANUARY TO JUNE 2009

The following activities were planned to be addressed during the reporting period (as amended and approved at the 9<sup>th</sup> WaterNet Annual General Meeting, held in Johannesburg, South Africa on 31 October 2009). The corresponding budget is also shown.

**Table 3.1** Work Plan January to December 2009

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#### **OUTPUT 1 To forge a strong, demand driven and sustainable network**

- Activity 1.1 Establish WaterNet PCN 23: WaterNet to become the implementing agent for SADC's human capacity building priorities in IWRM. Develop a long-term (10 year) Strategy for WaterNet taking into cognisance the HIV/AIDS and Gender aspects in 1.7.
- Activity 1.2 Promote member ownership of Network: WaterNet will put a particular emphasis to invite members from Angola and Madagascar. Award at least 5 NSF, 4 SDF, and 25 SEF. Review membership guidelines.
- Activity 1.3 Fully staffed WaterNet Secretariat: maintain current staff positions. With support of external human resource consultant develop human resources procedures including a performance evaluation system. Full relocation of WaterNet Secretariat from Harare to Gaborone Botswana is completed with minimal disruptions to the delivery of outputs.
- Activity 1.4 Professional financial management achieved: Manage the WaterNet Funds in a professional and transparent manner. Receive and disburse external funds according to international auditing requirements and review detailed financial management procedures. Train and coach Board of Trustees on financial management
- Activity 1.5 WaterNet Legal Status established: Define clear tasks and responsibilities within WaterNet Trust and WaterNet Secretariat. Harmonise AGM regulations and protocol, Management Board and Trust regulations. Establish WaterNet as a SADC subsidiary institution as per the "Guidelines Governing Relations between SADC and Organisations executing SADC Programmes and Projects Under the Principle of Subsidiarity".
- Activity 1.6 Financial sustainability through income generation and contributed funds: Generate contributed project funding and external income of up to at least 25 % of the overall WaterNet budget. Train Trustees in fundraising and develop Fundraising Strategy including policies on membership fees.
- Activity 1.7 Monitoring, evaluation and reporting procedures in place: Harmonize and streamline reporting internally (e.g. trustees, management board, members) and externally (e.g. donors, SADC, collaborating partners, other stakeholders). Implement the recommendations from the Impact Assessment Report. Refine and implement WaterNet Gender and HIV/AIDS strategies.

**OUTPUT 2 To deliver and strengthen the jointly owned regional master degree programme in IWRM**

- Activity 2.1 Deliver the masters programme at two core host institutions
- Activity 2.2 Offer 6 Specialisations in Water Resources Management, Water and Environment, Water for People, Hydrology, Water and Land and Water and Society
- Activity 2.3 Fellowship Fund established: The WaterNet Fellowship Fund to offer 40 fellowships for the Master programme for 2009 (30 from current funding and minimal 10 external funded fellowships)
- Activity 2.4 Establish Review procedure and quality control system for WaterNet Masters programme: Implement outcomes of the comprehensive review of the curriculum of the Master Degree Programme, including the general Regulations. Further strengthen the WaterNet Alumni Association and complete the tracer survey. Explore the development and introduction of a 7th specialisation on Geo-information and Earth Observation for IWRM.
- Activity 2.5 Establish with WARFSA the WaterNet MSc Dissertation Fund: Facilitate the resuscitation of WARFSA and proceed with establishment of the WaterNet MSc Dissertation Fund to offer 40 fellowships for the dissertation part of the Master programme for 2009 (30 from current funding and minimal 10 external funded fellowships).

**OUTPUT 3 To develop and deliver demand driven training and education for practicing water sector professionals from the Southern African region**

- Activity 3.1 Launch the WaterNet Professional Training programme: In collaboration with Global Water Partnership Southern Africa (GWP-SA) and SADC Directorate for Infrastructure and Services, Water Division, and other international partners offer 9 regional professional and short courses in IWRM 4 of which will be funded through the EU-ACP Water Facility grant in collaboration with Cap-Net.
- Activity 3.2 Appoint on an ad-hoc basis (if required) the services of a Professional Training Officer(s) to coordinate the WaterNet professional training programme. Review the Strategy for the Professional Training Programme and draft an operational plan.
- Activity 3.3 Establish catchment partnership for demonstration and learning on translating IWRM principles to management jointly with Global Water Partnership Southern Africa (GWP-SA) and through the Danida Regional Programme Support for Environmental Assistance to the Southern Africa Region on Integrated Water Resources Management.
- Activity 3.4 Offer the English for Water Managers Course as a stand alone short course targeting professionals from Democratic Republic of Congo, Madagascar, Mozambique, and Angola. Offer writing and communication skills training to IWRM Masters students.

**OUTPUT 4 To stimulate, regionalise and strengthen research in the field of IWRM in the Southern Africa Region**

- Activity 4.1 Research capacity building (training and mentoring) together with WARFSA

- Activity 4.2 WaterNet a partner in integrated IWRM research: Support and facilitate multi-disciplinary research initiatives among WaterNet member institutions (Challenge Program on Water and Food in the Limpopo Basin, Smallholder Systems Innovation Research Project completion of first phase and prepare for start of the second phase).
- Activity 4.3 Seek funding for new research activities, Nuffic Multi-Year Agreement for the WaterNet PhD programme
- Activity 4.4 Have all 5 WaterNet - SADC Professorial Chairs in IWRM in place before the end of the first half of 2009.

**OUTPUT 5 To raise awareness and understanding of IWRM and its implementation at catchments and trans-boundary scale**

- Activity 5.1 Develop and implement WaterNet Outreach activities: Develop and implement WaterNet communication strategy. To consolidate the knowledge base of WaterNet from its post-graduate education programmes, its involvement in research advancement and the strengths of its members on IWRM carry out synthesis review of WaterNet member reports, conduct traces survey of graduated students and actively support the WaterNet Alumni Association. Continue and finalise the synthesis review of the Physics and Chemistry of the Earth Journal papers so as to inform policy and IWRM on the ground.
- Activity 5.2 Hold the 10<sup>th</sup> WaterNet/WARFSA/GWP-SA Symposium to be held in Entebbe, Uganda. Initiate planning for 11<sup>th</sup> WaterNet/WARFSA/GWP-SA to be held in Maseru, Lesotho.

**Table 3.2** WaterNet revised budget for 2009

<b>WaterNet Budget for 2009</b>			
<i>DGIS and SIDA Contributions</i>			
<b>WaterNet Phase IIb Tentative Budget (Euros)</b>		<b>Budget Phase IIb (Jul'08-Jun'11)</b>	<b>Budget 2009</b>
<b>Fund</b>			
<b>DGIS Funding</b>			
<b>To forge a strong, demand driven and sustainable network</b>			
WaterNet Management Fund		1,242,240	436,000
International Scientific Backstopping		230,000	90,000
Nodal Strengthening Fund		75,000	25,000
		<b>1,547,240</b>	<b>551,000</b>
<b>To raise awareness and understanding on IWRM at catchment, basin and transboundary scales</b>			
Symposium Fund		270,000	90,000

	Publication Fund		90,000	30,000
			<b>360,000</b>	<b>120,000</b>
<b>To support higher education in IWRM, by delivering and strengthening the jointly owned WaterNet Master programme in IWRM</b>				
	Curriculum Development Fund		36,000	12,000
	Staff Exchange Fund		200,000	72,500
	Professorial Chair Fund		130,000	0
			<b>366,000</b>	<b>84,500</b>
<b>To increase the accessibility to professional training and education in IWRM for staff in water related businesses in Southern Africa</b>				
	Catchment Partnership Fund		52,500	17,500
	Professional Training Fund		325,000	115,000
	Language Course Fund		40,000	20,000
			<b>417,500</b>	<b>152,500</b>
<b>To stimulate, regionalise and strengthen research in the field of IWRM in the Southern Africa Region by offering opportunities to perform joint research</b>				
	Staff Development Fund		60,000	25,000
	Alumni Association Fund		50,000	18,000
			<b>110,000</b>	<b>43,000</b>
			<b>2,800,740</b>	<b>951,000</b>
	Contingencies		<b>59,260</b>	<b>19,000</b>
			<b>2,860,000</b>	<b>970,000</b>
	<b>SIDA Funding</b>			
<b>To support higher education in IWRM, by delivering and strengthening the jointly owned WaterNet Master programme in IWRM</b>				
	Fellowship Fund		1,020,000	365,000
	MSc Dissertation Fund		300,000	90,000
	Professorial Chair Fund		353,000	100,000
			<b>1,673,000</b>	<b>555,000</b>
	Contingencies		<b>37,000</b>	<b>12,000</b>
			<b>1,710,000</b>	<b>567,000</b>

## 4 ACHIEVEMENTS

WaterNet Phase IIa had a phased closure with authority to use DGIS funds up to 30 June 2008 and the Sida subsidy to bridge the start of Phase IIa and IIb for the months of July and August 2008 i.e. closure as of 31 August 2008. The final report for Phase IIa was prepared and submitted in the first half of 2009. However, after the signing of the Sida-WaterNet agreement and the re-opening of books for Sida Phase IIa remaining funds, the final report had to be revised.

The WaterNet Phase IIb Project (1 July 2008 to 30 June 2011) document was accepted and approved by the cooperating partners on 16 June 2008.

The State of the Netherlands, through the Head of the Development Cooperation Section of the Embassy of the Kingdom of the Netherlands in Maputo, Mozambique, entered into a contract with the WaterNet Trust for funding WaterNet Phase IIb Project with a subsidy up to a maximum of **€ 2,860,000.00 (€ 2.86 Million)**. The first and second instalments of **€ 580,000** and **€ 318,014** respectively (total **€ 898,014**) were paid into the WaterNet Euro denominated bank account in Gaborone, Botswana during the last reporting period. Another disbursement of **€ 387,177** was made in May 2009. WaterNet activities have been funded from these instalments as from 1 September 2008.

A contract between Sida and the WaterNet Trust for WaterNet Phase IIb (Agreement No A 5100035) was finalised on 7 May 2009, with a value of **SEK10,000,000**. This amount is approximately **€ 1.7 Million** which is in line with the projections made in formulating the Phase IIb project document. 2009.

The following sections deal with the planned activities which were undertaken during the reporting period.

## **4.1 FORGING A STRONG, DEMAND DRIVEN AND SUSTAINABLE NETWORK**

### **4.1.1 Establishing WaterNet PCN 23**

During the reporting period WaterNet continued with planning on a number of activities through collaboration with other regional and international capacity building initiatives in-line with the objectives of WaterNet PCN23.

### **4.1.2 Promote member ownership of the network**

The 5<sup>th</sup> Management Board meeting was held on 7 – 8 May 2009 in Gaborone, Botswana. The meeting discussed a range of issues including human resource and financial management of the network.

The Board received applications from two institutions and recommended their acceptance: the WaterNet Alumni Association (to become a supporting member) and the University of Johannesburg Water and Health Research Group (to become a member). The latter accords well with the desire expressed at previous AGMs to coordinate membership above departmental level, where possible.

Expansion of membership into Madagascar was complicated by that country's suspension from SADC.

Discussions have been held with all members issued with warnings or suspensions in 2008 and all these members have rectified their positions, with the exception of Safaids.

Insufficient progress has been made with the Staff Development and Nodal Strengthening Funds: few members apply and regional diversity is poor. A study will be made of awards granted and a plan to address this issue will be discussed in the next Board meeting.

### **4.1.3 Fully staffed Executive Management<sup>1</sup>**

The WaterNet Manager, Dr Bekithemba Gumbo, left WaterNet on 28 February 2009. The Board appointed Mr David Love as the new Manager, and he will take up the position on 1 September 2009. For the period between Dr Gumbo's departure and Mr Love's commencement, Dr Innocent Nhapi was recruited as Interim Manager.

The Research Leader, Dr Bongani Ncube, resigned from WaterNet with effect from 30 June 2009. The position has been advertised.

The Programme Officer, Mr Nicholas Tandi, also resigned from WaterNet with effect from 15 March 2009. The position has been advertised. An Interim Programme Officer, Ms Sharon Murinda, was appointed with effect from 9 March 2009.

Thus for much of this reporting period, two of the three senior staff positions in the Executive Management were filled by temporary staff. This has required the Board Chairman, Eng

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<sup>1</sup> The term *Executive Management* is in used in line with the Notarial Deed of Trust, in preference to the term *Secretariat*.

Wilson Nyemba, to play a greater role in the day to day management operations than would usually be expected for his position.

Mrs Ireen Mangoro was also seconded from the Institute of Water and Sanitation Development as a Symposium Intern for the period June to November 2009. Her main duties involves organising and handling all communication issues on the Symposium, Board Meeting, and the 3-Networks Meeting in Entebbe. She also assisted in following up payments under the Challenge Project and membership fees.

There should be new staff members in all three senior positions during the next reporting period.

A Human Resources consultant, Mr Phillip Gilika of CGP Consultants, was recruited. He prepared drafts of staff conditions of service, remuneration structures, performance management system and disciplinary procedures. These documents have been discussed extensively and approved by the Board. The document now remains to be adapted to the Zimbabwean legal system for use when the Executive Management is still in Zimbabwe.

#### **4.1.4 Professional financial management achieved**

A one-day workshop on financial management and human resources for members of the WaterNet Board of Trustees was conducted before the Board meeting in May 2009. The workshop was facilitated by KPMG (accountants), PWC (auditors) and CGP (human resources). 2009 After the workshop, it was agreed to revive and strengthen the functions of the Finance Committee. The meeting also noted the importance of reviewing and finalising the Financial Procedures and Procurement Procedures manuals, which is in progress.

#### **4.1.5 WaterNet legal status established**

The WaterNet Deed of Trust was lodged at the Botswana Deeds Office and was duly registered on 29 December 2006 under number MA810/2006.

The law firm Molatlhegi and Associates drafted a Memorandum of Understanding (MoU) with SADC and a letter of application for SADC subsidiary status addressed to the Executive Secretary of SADC during the reporting period. These documents have been further revised and will be submitted to the SADC Secretariat before the end of 2009.

#### **4.1.6 Financial sustainability through income generation and contributed funds**

Refer to the beginning of **section 4 and 4.1.2** of this report.

#### **4.1.7 Monitoring, evaluation and reporting procedures in place**

WaterNet continually strives to improve its reporting, monitoring and evaluation procedures to enable assessments on the impacts and sustainability of the programme to be made in an objective and informed fashion. During the period under review:

- The contracts for hostingmasters programmes were revised so as to streamline the reporting and accountability system.
- The reporting proforma by members was also revised.
- An application form for WaterNet professional courses was also introduced.
- A database of experts was developed and is being finalised
- The mailing lists were updated and expanded.

Refer also to **section 4.1.4** and **section 5** of this report.

### **4.2 DELIVER AND STRENGTHEN THE REGIONAL MASTERS PROGRAMME**

#### **4.2.1 Deliver the masters programme at two host institutions**

At total of 39 WaterNet funded Masters Programme 2008 intake students from the University of Zimbabwe and University of Dar es Salaam were finalising their thesis by the end of the reporting period. These are expected to defend their theses and graduate later in the year. The thirty five (35) students enrolled in the 2009 Masters Programme were about to start their specialisations at the six host institutions.

The advert for the 2010 intake was released as planned with the deadline for the submission of applications set for 31 July 2009. Applications were received both electronically and hard copy formats.

The pre-selection meeting was scheduled for the 19<sup>th</sup> and 20<sup>th</sup> August 2009 at the University of Zimbabwe. The two core hosts, one specialisation host (University of Botswana) and the WaterNet Secretariat will be represented.

The Coordinators for the Masters Programme held their 6<sup>th</sup> Meeting in Namibia on 22 March 2009. The meetings discussed among other things the curriculum review report and the development of a Research agenda for WaterNet.

#### **4.2.2 Offer six specialisations**

As per the approved 2009 Workplan, WaterNet will be offering the six specialisations for the 2009-2010 intake during the second half of the 2009 hosted as follows:

- Water Resources Management, University of Zimbabwe
- Water for People, Polytechnic of Namibia
- Water and society, University of the Western Cape
- Water and Environment, University of Malawi
- Hydrology, University of Dar es Salaam
- Water and Land, University of Botswana

The contracts for these were signed during the reporting period.

### **4.2.3 Fellowship Fund established**

The 9<sup>th</sup> AGM approved granting of 30 fellowships from the Fellowship Fund to deserving candidates as per the Work plan of 2009.

### **4.2.4 Establish review procedure and quality control system for the Masters programme**

The review process of the Masters programme is being led by Prof Graham Jewitt of the University of KwaZulu Natal Department of Bio-resources Engineering and Environmental Hydrology. During the reporting period Prof Jewitt submitted a final draft report which was considered and commented on at the 4<sup>th</sup> Management Board Meeting and 5<sup>th</sup> Coordinators of the Masters programme meeting. A final revised report will be circulated to members in 2009.

### **4.2.5 Establish with WARFSA the WaterNet MSc Dissertation Fund**

Refer to section 4.4.1.

## **4.3 DEVELOP AND DELIVER PROFESSIONAL TRAINING**

### **4.3.1 Launch WaterNet professional training programme**

The final draft of the Professional Training Strategy was submitted by the team of experts tasked for its development. The strategy will serve as an important resource for the yearly backstopping work plan to be drafted by UNECSO-IHE as per the Memorandum of Understanding with WaterNet. In the proposed joint work plan for 2009 with UNESCO-IHE involves a deeper consolidation of the professional training programme with the IWRM master programme and elaborating a plan for better short courses marketing and quality control.

During the reporting period WaterNet and various partners were planning five short courses scheduled for the first half of 2009. The course topics and partners are as follows:

- Climate change and water resources management. Partners: Cap-Net and GWP-SA. 26-30 January 2009.
- Promoting integrity and accountability in the water sector. Partners: UNDP Water Governance Facility at SIWI and Cap-Net. 1-3 June, Cape Town South Africa.
- River Basin Management. Partners: Cap-Net and GWP-SA. Dates to be announced, Beira Mozambique.
- Scientific methodology and fundraising. Partners: International Foundation for Science (IFS). Dates and venue to be announced.
- Water supply and sanitation. Partners: Cap-Net and GWP-SA. 6-9 April 2009, Windhoek, Namibia.

### **4.3.2 WaterNet Professional Training Officer**

A decision was made at the 7<sup>th</sup> AGM to employ a WaterNet Research Leader in lieu of the Network Professional Training Officer.

### **4.3.3 Catchment partnership on translating IWRM principles to management**

This activity is on-going in collaboration with GWP-SA. WaterNet will continue to focus on those catchments where there is active research e.g. Limpopo Basin for the Challenge Program on Water and Food and the Thukela and Pangani Basins for the SSI project. The draft application criteria for Catchment Partnership Fund were developed and circulated to partners. It is expected that the allocation of funds will be considered by the next Management Board Meeting and the AGM in Entebbe at the end of October 2009.

### **4.3.4 English for water managers course**

Africa University Faculty of Social Sciences, through its Languages Unit, is the seat of WaterNet's discourse-related courses. These include the English for Water Managers Module and various professional short courses around the concepts of communication, negotiation, conflict, society and culture. The course on Research methods and the production of academic, scientific and technical texts responds to the most pressing needs of IWRM Masters students since the degree's research component is its single most-important component. The course entitled "*The Discourse of Research: Research Methods and the Academic, Scientific and Technical Text*" was offered at the University of Zimbabwe and University of Dar es Salaam delivered by means of a workshop held on 3-7 and 24-31 November, 2008, respectively.

## **4.4 REGIONALISE AND STRENGTHEN RESEARCH IN IWRM**

### **4.4.1 Research capacity building**

This is an ongoing activity which is executed jointly through WARFSA and WaterNet. WaterNet has been closely monitoring developments in efforts to revive WARFSA. An update was presented to the Board in May 2009 by Mr Phera Ramoeli. It has been noted that the absence of WARFSA is now affecting the quality of papers presented at the symposia.

The implementation of this activity assumes a functional and operational WARFSA.

### **4.4.2 IWRM research**

WaterNet is involved in the Challenge Program on Water and Food, where WaterNet is coordinating an IWRM research programme in the Limpopo Basin with 19 partner institutions. The other major research project, the Smallholder System Innovation Watershed Management (SSI Programme) which involved 5 partners (4 WaterNet members) who conduct research in river basins in Tanzania (Pangani) and South Africa (Thukela) was finalised in 2008. A Phase II of the SSI project has since commenced with funding from the UPaRF research funds of UNESCO-IHE.

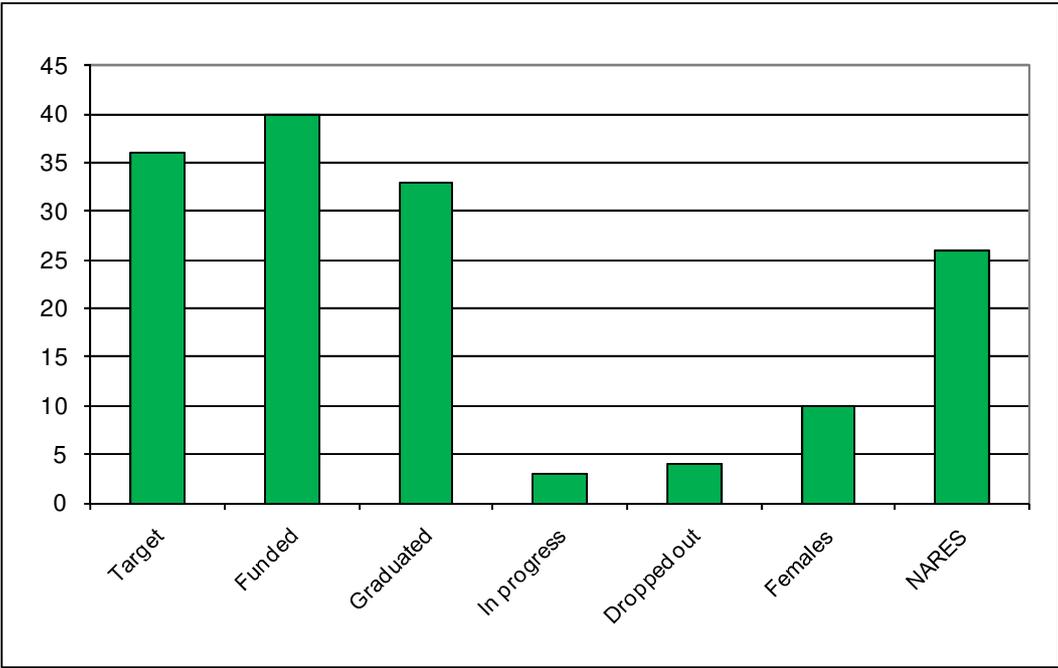
### ***Challenge Program on Water and Food***

The WaterNet Challenge Program on Water and Food (CPWF) Project Number 17 (PN17) is a trans-institutional inter-disciplinary project within the Consultative Group on International Agricultural Research (CGIAR). The project goal is to contribute to improved rural

livelihoods of poor smallholder farmers through the development of an IWRM framework for increased productive use of green and blue water flows and risk management for drought and dry-spell mitigation at all scales in the Limpopo basin.

The Project runs until 31 August 2009. The major highlight of the reporting period was the project final workshop, held on 15 - 18 June 2009 in Johannesburg, South Africa. Some 30 researchers and students attended, including the CPWF Theme 1 Leader. The project report is now being prepared.

The project has surpassed its target of funding 36 Masters dissertation projects. The total number of students funded was 40. Of these, 33 have graduated, 3 are in stream and 4 dropped out (Figure 4.1).



**Figure 4.1** Profile of Masters students supported through Challenge Program PN17  
 NARES = staff of national agricultural or water departments or universities.

There are 7 PhD fellows: 5 fellowships from the project proposal and 2 additional PhD candidates who were identified by project partners who have allocated project research funding to the new projects. Mr Walter Mupangwa graduated in April 2009. The remaining fellows are continuing with fieldwork and analyses, and two of them are expected complete in 2009.

Mr Collin Mabiza UNESCO-IHE PhD participant under CPWF was awarded a grant for USD 12,000 from the International Foundation for Science (IFS). The grant will support part of his research project entitled *“The process of catchment planning in developing countries: challenges and opportunities of implementing IWRM”*.

Project outputs achieved to date include 36 journal articles (some still under review), 2 books, 14 book or proceedings chapters, 19 institutional working papers, 92 conference papers, 33 Masters dissertations and 13 bachelors dissertations.

## ***Smallholder Systems Innovations***

The Smallholder Systems Innovations in Watershed Management (SSI) research programme is one of the two research programmes in which WaterNet is involved. The SSI programme is a multi-disciplinary initiative aimed at improving the livelihood of rural communities in sub-Saharan Africa. It studies the potential of indigenous and exogenous water system innovations in smallholder farms for improved land and water productivity. These innovations can range from *in situ* practices such as deep tillage and zero tillage to infrastructural interventions such as underground storage tanks and small storage structures. The programme not only aims to achieve excellence in scientific research but also deliver results that are of practical use to development planners to improve the livelihoods of rural communities and to disseminate the research findings across sub-Saharan Africa.

During the reporting period, the SSI research group worked on the development of papers for the special journal issue of Agricultural Water Management. The papers are expected to be reviewed by an editorial committee before submission to the journal in mid 2009.

Mr Victor Kongo's thesis and Eng Marloes Mul's thesis were approved. Mr Job Rotich have submitted their PhD dissertations. Ms Elin Enfors and Mr Hodson Makurira are expected to finalise their dissertations in the second half of 2009. The official closure of the SSI-1 programme has been delayed to mid 2009. Only Mr Hans Komakech's research has funds extending to 2010. A full peer-reviewed final report will be produced.

The SSI-2 programme has secured UPaRF (see section 4.4.3) funding for up-scaling research in the Pangani and Thukela catchment. The PhD position on Project 2 on "*Managing interdependencies: understanding tradeoffs and synergies*" will be taken up by a UNESCO-IHE alumnus Ms Omari Mwinjaka from Tanzania, who will start in June 2009. The PhD position on Project 1 on "*Water processes at different spatial scales*" is yet to be filled.

Two MSc students from UNESCO-IHE have been working in the Pangani on water allocation issues and surface-groundwater interactions within a wetland, near the SSI-1 research site. Several other initiatives are being undertaken to secure additional funding for the themes not covered within the UPaRF funds.

Find more on: [www.unesco-ihe.org/ssi](http://www.unesco-ihe.org/ssi).

### **4.4.3 Funding for new research activities**

#### ***WaterNet PhD programme***

The proposal for the WaterNet PhD programme was sent to Nuffic in October 2008. Unfortunately, Nuffic has advised that the Multi-year Agreement instrument does not exist anymore within the new NFP programme in which fellowships will be awarded on an individual basis only. Nevertheless, the proposal developed for the WaterNet PhD programme can be used to submit to other donors, such as the Swedish, British or German fellowship funds, but also Southern-based fellowship funding agencies

Nuffic indicated also that in 2009 a new programme for capacity development at post-secondary level (called NICHE) will start. The programme offers access to funding for

capacity building projects for a number of countries in Southern Africa (Tanzania, Mozambique, South Africa, Zambia). Nuffic has been identifying project outlines in the various countries in conjunction with the respective governments, Dutch Embassies and the sector organizations.

Potentially NICHE offers opportunities for WaterNet to get additional support to strengthen the capacities of its members, for instance the hosting institutions of the Master Programmes and Specializations. NICHE-sponsored projects may include funding for training of staff at certificate, MSc and PhD level, curriculum review and development, but also upgrading of laboratory, library and other educational facilities. The WaterNet Secretariat is following up the developments regarding the NICHE programme closely and will advise its members on the opportunities. Potentially a more proactive approach from WaterNet and its members is desired during the project identification period as project ideas can be articulated. Close liaison with the Dutch Embassies in the targeted countries is therefore desirable.

### ***10.5 UPaRF proposals***

The UNESCO-IHE Partnership for Research Fund (UPaRF) launched two calls for research proposals in January 2009 for small (Category III) and large proposals (Category II).

- i) The Secretariat coordinated the development of a Category III proposal (max funding EUR45,000) on *Knowledge production at the Social and Natural Systems Interface: an Integrated Water Resources Management approach to address vulnerability and resilience* which was submitted in April 2009. Unfortunately the proposal was not funded.
- ii) The UNESCO-IHE, in collaboration with a number of partners, including WaterNet, developed and submitted a Category II proposal on *Hydropower-to-environment water transfers in the Zambezi Basin: balancing ecosystems health with hydropower generation in hydropower-dominated basins*. The proposal has a budget of EUR429,000 and was accepted for funding. It is envisaged that WaterNet will contribute a PhD student, about three Masters students, and PhD joint supervision. UZ will play the main role in the WaterNet involvement.

The proposal for the WaterNet PhD programme was submitted to the Netherlands Organization for International Cooperation in Higher Education (Nuffic) in October 2008. Unfortunately Nuffic responded by indicating that the Multi-year Agreement instrument no longer existed within the new Netherlands Fellowship Programme in which only fellowships will be awarded on individual basis. Nevertheless, the proposal developed for the WaterNet PhD programme can be submitted to other funding agencies.

Nuffic indicated also that in 2009 a new programme for capacity development at post-secondary level (called NICHE) will start. The programme offers access to funding for capacity building projects for a number of countries in Southern Africa (Tanzania, Mozambique, South Africa, Zambia). Currently Nuffic is identifying project outlines in the various countries together with the governments, Dutch Embassies and the sector organisations.

Potentially NICHE offers opportunities for WaterNet to get additional support to strengthen the capacities of its members, for instance the hosting institutions of the Master Programmes and specialisations. NICHE sponsored projects may include funding for training of staff at

certificate, MSc and PhD level, but also upgrading of laboratory, library and other educational facilities.

The UNESCO-IHE Partnership for Research Fund (UPaRF) launched a number of calls for research proposals during the reporting period for projects in which UNESCO-IHE and partner institutions collaborate in various categories. WaterNet has expressed its intention to participate in a number proposals developed so far.

#### **4.4.4 WaterNet-SADC Professorial Chairs in IWRM**

##### ***University of Dar es Salaam (UDSM)***

The University of Dar es Salaam appointed Prof Felix Mtalo as the Chair Holder with effect from 1 December 2007. Prof Mtalo effectively started his Professorial Chair duties as from 1 February 2008 and has been conducting and reporting on his activities since then.

##### ***University of Zimbabwe (UZ)***

The University of Zimbabwe re-advertised for the position of Professorial in April 2009 after the successful candidate had decided not to take up the post. Interviews were expected to be held soon after the reporting period.

##### ***Polytechnic of Namibia (PON)***

Interviews for the Chair at PON were held on 19 March 2008 and the position was offered to the successful candidate. However, up to date the successful candidate has not been able to take up the posting because of failure to reach an agreement on personal terms.

##### ***University of Malawi (UNIMA)***

Interviews for the Chair at UNIMA were conducted in February 2009. The successful candidate is still to take up the position as there were some disagreements on contractual issues. WaterNet expects these to be solved and the position to be filled by the end of the year.

##### ***University of the Western Cape (UWC)***

Interviews for the position of Chair at UWC were held for the shortlisted candidate on 2 December 2008. The successful candidate was appointed by UWC as a Senior Research Fellow, which is below the level expected for a Chair position. WaterNet and UWC had to resolve this issue through an addendum to the original MoU and this issue shall be finalised in the second half of 2009.

#### **4.5 RAISE AWARENESS AND UNDERSTANDING IN IWRM**

##### **4.5.1 WaterNet outreach activities**

During the reporting period WaterNet participated in a number of events and conducted two professional short courses in collaboration with CapNet under the EU-ACP Facility as follows:

##### ***Climate Change and IWRM (26-30 January 2009, Pietermaritzburg)***

The Climate Change and IWRM course was held as part of a programme to capacitate societal and professional groups to adapt to changing climatic conditions. The focus was on how sustainable water management could be instrumental in dealing with extreme

climate variations in vulnerable areas. The course was attended by 24 participants from 14 countries and ten of the participants were female. The participants gained new perspectives on Climate Change and its impacts on society from the facilitators and from each other through lectures, group work and case studies from the Eastern and Southern Africa regions. The course was convened by four partners: WaterNet, Cap-Net, Global Water Partnership and the School of Bioresources Engineering and Environmental Hydrology, University of KwaZulu-Natal. The course material was adapted from a course manual produced by Cap-Net, WMO, Rhama and Redica and UNESCO-IHE. The participants planned to take up some follow up action in their home countries by developing and delivering similar courses; disseminating the knowledge in their organizations, incorporating aspects of the course in existing organisational or university curriculum; and general awareness raising. The recommendations for improving the course included: streamlining the content to balance the broad nature of climate change and the specific needs of participants and; putting more emphasis on explaining the methodological processes that produce climate change data and information.

***Integrity and Accountability in the Water Sector in Southern Africa (1-3 June 2009, Cape Town)***

The primary objective of the training was to prepare for change through increasing knowledge and awareness on integrity, accountability, and anti-corruption in the water sector. The training methodology placed emphasis on inter-active learning. The training was attended by water managers, regulators, capacity builders and water decision-makers within government, NGO and private sector. A total of 21 participants were drawn from the African region and another 11 from beyond Africa. WaterNet sponsored 18 participants, 9 females and 9 males. Participants planned to take up some follow up action in their home countries by disseminating the knowledge within their organisations, incorporating aspects of the course in already existing organisational programmes or university curriculum, and awareness raising. Recommendations for improving the course included the mainstreaming of gender in the course content and putting more emphasis on the methodology of delivering the course. The training programme was a jointly funded initiative between UNDP Water Governance Facility at SIWI, Cap-Net and WaterNet and was hosted and organized by the University of Western Cape and the African Centre for Water Research. Other collaborative partners to the programme included the Water Integrity Network (WIN) and the IRC International Water and Sanitation Centre.

A team of consultants was hired. The team was well well-balanced with regards to competencies on water governance and in on transparency and ethics. They Facilitators all had over ten years experiences in developing and facilitating training programmes and in governance issues, more so pertaining to pro-poor development, socioeconomic and developmental dimensions of water governance/management and experience of working in developing countries.

During the reporting period two issues of the WaterNet newsletter (WaterNet News Volume 5 Issue 1 and 2) were produced and circulated to members and others through emails and posting on the website. The newsletter has been useful as a quick method of sharing information on WaterNet activities and also on other information relevant to members and collaborative partners.

During the period under review, the processing and review of papers from the 10th WaterNet/WARFSA/GWP-SA Symposium took place and selected papers will be published in a special issue of the Journal of Physics and Chemistry of the Earth in August/September 2009. At this time the submission of the papers and review documents were done electronically.

#### 4.5.2 WaterNet/ WARFSA/ GWP-SA Symposium

The 10th WaterNet/WARFSA/GWP-SA Symposium, with the theme “IWRM: Environmental Sustainability, Climate Change and Livelihoods” will be held from 28<sup>th</sup> – 30<sup>th</sup> October 2009 in Entebbe, Uganda. The Secretariat visited the Local Organising Committee in April to assess the proposed venue and progress made in organising the conference logistics. An inspection of the conference facilities and accommodation rooms was conducted at Imperial Resort Beach Hotel and Botanical Beach Hotel. A draft MoU was signed with the University of Makerere on behalf of the LOC.

The calls for abstracts were sent out and also posted on the website. The original deadline for submission was extended from the 22<sup>nd</sup> of March to 10<sup>th</sup> April 2009 because very few abstracts had been received by the deadline. However, after the extension of deadline and improvements in the circulation of the call, a total of 226 abstracts were accepted for presentation. The breakdown of abstracts is given below:

<b>Sub-theme</b>	<b>abstracts accepted</b>
Water and Land	49
Water and Society	34
Water for People	48
Water and Environment	38
Water Resources Management	26
Hydrology	28
Prediction in Ungauged Basins	5
<b>Total abstracts</b>	<b>226</b>

The 4<sup>th</sup> Management Board Meeting in November 2009 approved an initiative to organize joint activities and workshops with the SACIwaters (Crossing Borders) and Concertación networks. The purpose of these activities is to exchange experiences and generate useful lessons for other similar South-South-North networks in the field of natural resources management. During the World Water Forum the three networks were jointly involved in the opening act of the capacity building session. In addition, preparations are on-going to organize a workshop in Entebbe after the WaterNet symposium.

#### 4.5.3 Alumni Association

The WaterNet Alumni Association was launched in November 2007 and was quite visible at the 9<sup>th</sup> Symposium in Johannesburg. The Association is headed by a steering committee and the following were achieved to date:

- i) The steering committee was constituted and came into effect. Likewise, the alumni association became functional and vibrant.
- ii) They have established a functional and updated database with contacts of almost all the members.

- iii) An interactive Alumni website was launched where members have continually given their views or comments on issues pertaining to the alumni.
- iv) An Alumni Newsletter has been established.

The Association plans the following activities for the remainder of 2009:

- i) Production of an Alumni Newsletter
- ii) Preparation of a more vibrant promotional fair at the forthcoming WaterNet symposium in Entebe, Uganda.
- iii) Organisation of a meeting with future alumni members, i.e the IWRM and WRE masters students at their institutions (UDSM and UZ).
- iv) Engagement of members of the Alumni in career development initiatives including relevant short training courses.
- v) Initiate links with other alumni networks and potential funding institutions.
- vi) Conduct elections for all the positions in the governing structure of the Alumni.

## 5 REPORTING, BUDGET AND EXPENDITURE ANALYSIS

### 5.1.1 Budget and expenditure analysis

This section integrates the narrative progress report, achievements and the budget and elaborates on the expenditure statement as presented in the report as **Annex 1**.

**Table 5.1** provides a summary of the Phase IIb realisation per Fund for the reporting period, the variation between the two and comments.

Based on the comparison of the budget and expenditures there was overall under-spending on the Project mainly due to the spread of costs on activities spanning the transition from Phase IIa to Phase IIb (**Table 5.1**) that the entire project has been under-spending. Also it is important to note that the cycle of the project activities may not coincide with the financial management cycle e.g settlement of invoices for services provided might fall out of the reporting cycle.

### 5.1.2 Reporting

The four months period after the lapse of the reporting period to conclude progress reports is deemed to be sufficient to allow time for the Secretariat to gather all the reports from the members (financial and narrative) before compiling them into one document to be sent to the Management Board and Cooperating partners.

**Table 5.1** Budget and expenditure analysis for the reporting period

Description	A1	A2	B1	B2	B3	B4 = B1+B2+B3	D=A2-B4	Comments
	Budget 2009		Phase IIb Expenditure January - June 2009		Phase IIa Expenditure January - June 2009	Expenditure January - June 2009	Variation	
	Full Year	Half Year	DGIS	Sida	Sida	Total	Total	
WaterNet Management Fund	436,000	218,000	243,646			243,646	-25,646	Minor (10 %) over-expenditure, partly due to hire of interim staff.
International Scientific Backstopping	90,000	45,000	14,000			14,000	31,000	Under-expenditure due to some costs incurred through Phase IIa and reported through UNESCO-IHE, not this report.
Nodal Strengthening Fund	25,000	12,500	0			0	12,500	Paperwork for applications received during this period not completed by applicants, disbursement in next period.
Symposium Fund	90,000	45,000	17,844			17,844	27,156	Anticipated: main expenditure in next period (Symposium to be held in November 2009).
Publication Fund	30,000	15,000	6,785			6,785	8,215	Anticipated: main expenditure in next period ( <i>Physics and Chemistry of the Earth</i> to be published in October 2009).
Fellowship Fund	365,000	182,500		29,078	205,180	234,258	-51,758	Anticipated: main disbursements in this period.
MSc Dissertation Fund	90,000	45,000		807		807	44,193	Anticipated: main disbursements in next period.
Curriculum Development Fund	12,000	6,000	0			0	6,000	Payment for review report delayed due to delay in revision by author.
Staff Exchange Fund	72,500	36,250	1,289			1,289	34,961	
Professorial Chair Fund	100,000	50,000		4,928	4,676	9,604	40,396	Under-expenditure due to delays in appointments
Catchment Partnership Fund	17,500	8,750	0			0	8,750	Anticipated: application received in this period to be finalised in next reporting period.
Professional Training Fund	115,000	57,500	27,136			27,136	30,364	Under-expenditure due to delays in holding of two courses.
Language Course Fund	20,000	10,000	0			0	10,000	Insufficient demand for course in this reporting period.
Staff Development Fund	25,000	12,500	0			0	12,500	Paperwork for applications received during this period not completed by applicants, disbursement in next period.

Description	A1	A2	B1	B2	B3	B4 = B1+B2+B3	D=A2-B4	Comments
	Budget 2009		Phase IIb Expenditure January - June 2009		Phase IIa Expenditure January - June 2009	Expenditure January - June 2009	Variation	
	Full Year	Half Year	DGIS	Sida	Sida	Total	Total	
Alumni Association Fund	18,000	9,000	1,249			1,249	7,751	Disbursements delayed pending submission of workplan by Alumni Steering Committee/
<i>Contingencies</i>	<i>31,000</i>	<i>15,500</i>				<i>0</i>	<i>15,500</i>	
<b>Total</b>	<b>1,537,000</b>	<b>768,500</b>	<b>311,949</b>	<b>34,813</b>	<b>209,856</b>	<b>556,617</b>	<b>211,883</b>	Overall the total expenditure was less than the budget mainly due to the overlap of Phase IIa and IIb where expenditure was spread between the two phases.

## 6 DEVIATION FROM PLANNED ACTIVITIES

During the reporting period the major deviation was that of budget planning whereby some expenditures incurred were supported through the Phase IIb DGIS subsidy to WaterNet and some through the Phase IIa Sida subsidy to WaterNet. The Sida subsidy for Phase IIb will be available in the next reporting period.

Harare, October 2009



David Love MSc MWISA  
WaterNet Manager

Harare, October 2009

Wilson Rufaro Nyemba MSc  
WaterNet Trust, Chairman

## **7 ANNEXES**

Annex 1: Consolidated Financial Report (1 January 2009 to 30 June 2009).....	35
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## **ANNEX 1: CONSOLIDATED FINANCIAL REPORT (1 JANUARY 2009 TO 30 JUNE 2009)**



RECEIPTS AND EXPENDITURES STATEMENT PERIOD From 1 January - 30 June 2009 (in Euro)									
Description	A1	A2	B1	B2	B3	B4	C1	D1=A1-B1	D2=A2-B2
	Budget 2009		Phase IIb Expenditure January - June 2009				Phase IIa Expenditure January - June 2009	Balance 2009	
	DGIS	Sida	DGIS	Sida	EU-ACP	Other	Sida	DGIS	Sida
<i>To forge a strong, demand driven and sustainable network</i>									
WaterNet Management Fund	436,000		243,646					192,354	
International Scientific Backstopping	90,000		14,000					76,000	
Nodal Strengthening Fund	25,000		0					25,000	
	<b>551,000</b>	<b>0</b>	<b>257,646</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>293,354</b>	<b>0</b>
<i>To raise awareness and understanding on IWRM at catchment, basin and transboundary scales</i>									
Symposium Fund	90,000		17,844					72,156	
Publication Fund	30,000		6,785					23,215	
	<b>120,000</b>	<b>0</b>	<b>24,629</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>95,371</b>	<b>0</b>
<i>To support higher education in IWRM, by delivering and strengthening the jointly owned WaterNet Master programme in IWRM</i>									
Fellowship Fund		365,000		29,078			205,180		335,922
MSc Dissertation Fund		90,000		807					89,193
Curriculum Development Fund	12,000		0					12,000	
Staff Exchange Fund	72,500		1,289					71,211	
Professorial Chair Fund		100,000		4,928			4,676		95,072
	<b>84,500</b>	<b>555,000</b>	<b>1,289</b>	<b>34,813</b>	<b>0</b>	<b>0</b>	<b>209,856</b>	<b>83,211</b>	<b>520,187</b>
<i>To increase the accessibility to professional training and education in IWRM for staff in water related businesses in Southern Africa</i>									
Catchment Partnership Fund	17,500		0					17,500	
Professional Training Fund	115,000		27,136					87,864	
Language Course Fund	20,000		0					20,000	
	<b>152,500</b>	<b>0</b>	<b>27,136</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125,364</b>	<b>0</b>
<i>To stimulate, regionalise and strengthen research in the field of IWRM in the Southern Africa Region by offering opportunities to perform joint research</i>									
Staff Development Fund	25,000		0					25,000	
Alumni Association Fund	18,000		1,249					16,751	
	<b>43,000</b>	<b>0</b>	<b>1,249</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41,751</b>	<b>0</b>
	<b>951,000</b>	<b>555,000</b>	<b>311,949</b>	<b>34,813</b>	<b>0</b>	<b>0</b>	<b>209,856</b>	<b>639,051</b>	<b>520,187</b>
<b>Contingencies</b>	<b>19,000</b>	<b>12,000</b>						<b>19,000</b>	<b>12,000</b>
	<b>970,000</b>	<b>567,000</b>	<b>311,949</b>	<b>34,813</b>	<b>0</b>	<b>0</b>	<b>209,856</b>	<b>658,051</b>	<b>532,187</b>

Description	Notes	Comments	B1	B2	B3	B4	C1
		1	Phase IIb Receipts January - June 2009				Phase IIa Receipts January - June 2009
		2	DGIS	Sida	EU-ACP	Other	Sida
<b>Receipts</b>							
Grants received	1	8	387,117	0	0	0	221,750
Interest income			558	0	0	0	0
Membership subscriptions		3	0	0	0	300	0
Course fees		4	0	0	0	0	0
Overhead		5	0	0	0	0	0
Other income			0	0	0	0	0
<b>Funding income</b>			<b>387,675</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>221,750</b>
<b>Other income</b>							
Balance of funds from Phase IIa	2		2,001				
Gain on foreign currency exchange			0				
<b>Total receipts</b>			<b>389,676</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>221,750</b>
<b>Opening cash and bank balances</b>			<b>483,865</b>				
			<b>873,541</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>221,750</b>
<b>Total</b>			<b>1,095,291</b>				

Description	Notes	Comments	Amount
Disbursements - per above			556,617
Prepayments			-1,770
Loss on foreign currency exchange		6	5,107
Advances	3		0
Commitments	4		-47,100
Challenge programme		7	-656
<b>Total disbursements</b>			<b>512,199</b>
<b>Net increase of cash receipts</b>			<b>583,092</b>
<i>Evidenced by cash and bank balances</i>	5		583,092



**NOTES TO THE RECEIPTS AND EXPENDITURES STATEMENT PERIOD 1 January - 30 June 2009**  
*In Euro*

	2009	2008
<b>1. Grants received</b>		
Received from the Netherlands Ministry of Development Cooperation (DGIS)	<u>608,867</u>	<u>898,014</u>
<b>2. Balance of funds from Phase IIa</b>		
	<u>18,226</u>	<u>16,225</u>
<p>These represent funds from the Phase IIa project that are yet to be repatriated to UNESCO-IHE Institute for Water Education after final closure of the project.</p>		
<b>3. Advances</b>		
<p>This relates to an advance paid to the University of KwaZulu-Natal, South Africa for a short course on climate change and water resources that was conducted on 26 to 30 January 2009. The Institution is yet to submit its report on the same course detailing the expenses as such, these expenses will only be allocated to the respective project codes upon receipt of the same report.</p>		
	<u>14,122</u>	<u>14,122</u>
<b>4. Commitments</b>		
<p>These represent pledges made by the Trust at period-end as follows:</p>		
Nyati Travel (Pvt) Ltd - USD 31 180	23,338	-
Makere University - USD 24 000	17,844	-
Dr B Ncube	3,175	-
KPMG - BWP 27 145	<u>2,743</u>	<u>-</u>
	<u>47,100</u>	<u>-</u>
<b>5. Cash and bank balances</b>		
Cash balances	9,285	21,891
Bank balances	<u>573,807</u>	<u>461,974</u>
	<u>583,092</u>	<u>483,865</u>

Included in the bank balances is Euro 392 (USD 550) which was appropriated by the Government of Zimbabwe during the period under review; the amount is a mirror balance as it exists only on paper i.e. bank statement. It is however, expected that this amount will be refunded by the State as such, it has not been written off.



**COMMENTS TO THE RECEIPTS AND EXPENDITURES STATEMENT PERIOD 1 January - 30 June 2009**

*In Euro*

These are comments for informational purposes only, prepared by the Executive Management, and not notes to the Financial Report.

**1. Sida Phase IIa**

The remaining budget of the Sida subsidy for Phase IIa was expended between 1 September 2008 and 30 June 2009.

**2. Other income**

"Other income" is actual income received in support of the management fund from membership subscriptions and other sources. It does not include in-kind contributed funds.

**3. Membership Subscriptions**

Most membership subscriptions started to be paid during July 2009.

**4. Course fees**

Course fees are a 10% fee charged by WaterNet on registration fees paid to the hosts of professional courses by privately-sponsored participants (yet to be implemented).

**5. Overhead**

These are a fee charged by WaterNet on funds received on special projects where overhead charging is permitted (yet to be implemented).

**6. Loss on foreign currency exchange**

These are currency adjustments on the balance of funds held in non-Euro denominated accounts.

**7. Challenge programme**

These are costs incurred which must be reimbursed from the Challenge Program, which is a special project whose accounts are presented, reported and audited separately.

**8. Grants received - Sida Phase IIa**

The amount reflecting as a grant received represents Phase IIa funds transferred from UNESCO-IHE to the WaterNet Trust and expended under Phase IIa.

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