



5 December 2009.

Progress report and Expenditure Statement for 2009.

Introduction.

This progress report is divided into sections as follows:

- Network Governance
- Network Activities
- Development of Materials
- Membership
- Partners
- Web Site and Awareness
- Future Focus

Network Governance.

The network has established a governance charter or set of operational guidelines (AGW Operational Guidelines 2009), which has been circulated to the steering committee, and has been posted on the web site, which is expected to be running by the end of January 2010.

The operational guidelines include a **Mission Statement** and sections on **Membership, Mode of Governance, Network Structure, Steering Committee, Elections and Terms of Office, Meetings, Legal Status, Powers and Responsibilities of the Steering Committee and the Network Manager, Finances and the Host Institution, Disputes and Termination.**

The network manager has in the initial instance selected a steering committee of 5 senior members by invitation to represent the different geographic regions and interests on the continent. The role, name and country of residence of the steering committee members are as follows:

Network Manager	Richard Owen	Zimbabwe
SADC	Tamiru Abiye	South Africa
East Africa	Hudson Ngotagu	Tanzania
West Africa	Martin Eduvie	Nigeria
Nile Basin	Muna Mirghani	Sudan
Francophone Africa	Moustapha Diene	Senegal

In addition, Daniel Nkhuwa (Zambia) and Callist Tindimugaya (Uganda) were co-opted as ad hoc steering committee members and Dr Willi Struckmeier, president of the International Association of Hydrogeologists (IAH), participated as an invited guest at a steering committee meeting held on 20th November in Dar es Salaam. Only two of the actual steering committee members were able to be present at that meeting.

AGW-Net Activities – 2009.

The AGW-Net activities in 2009 have been largely focussed on the development and delivery of short courses in Groundwater Management.

Four courses have been held as follows:

- **Dakar, Senegal** at the University Cheikh Anta Diop , Geology Department in the Faculty of Sciences with strong collaboration of the Senegal Country Water Partnership (PNES) of the Global Water Partnership. This course was attended by 30 professionals of water sector from 12 Francophone countries in West and Central Africa. Ten female participants.
Course dates: 25 – 29 May 2009
Funding: € 27K Capnet. € 23K BGR.
Facilitation: Moustapha Diene (AGW-Net), Friedrich Hetzel and Vanessa Vaessen (BGR)
- **Johannesburg, South Africa** at Witwatersrand University, Geology Department. 13 professionals attended this course from countries across Africa. Five female participants. The focus was to specifically target senior water managers who are not hydrogeologists.
Course dates: 6-10 July 2009.
Funding: CapNet \$ 20K. SDC/ BGR/Splash: € 20K approx.
Facilitation: Tamiru Abiye (Wits / AGW-Net), Hans Klinge (BGR), Karen Villholth (Geus), Torleif Dahlin (Sweden – Lund University), Richard Owen (AGW-Net).
- **Accra, Ghana.** Hosted by the Water Resources Commission of Ghana, supported by the Kwame Nkrumah University of Science and Technology. This course was attended by 23 participants, with 7 coming from Ghana. Seven female participants. This course was designed as a regional Training of Trainers course for Groundwater Management and a test course for AGW-Net's newly developed Groundwater Management Training Manual.
Course Dates: 27 – 31 July 2009.
Funding: CapNet \$ 26.9K – PLUS 19 airfares and per diem for 4 facilitators.
BGR \$ 14K
Facilitation: Paul Taylor (CapNet); Richard Owen, Muna Mirghani and Moustapha Diene (AGW-Net); Albert Tuinhof (World Bank).
- **Dar es Salaam, Tanzania.** Hosted by the SADC Groundwater Management Project. The focus group was the SADC groundwater project steering committee which consists principally of senior or chief government hydrogeologists from the SADC countries. 16 participants from across SADC. 5 female participants.
Course Dates: 16-19 November
Funding: CapNet \$15K; SADC \$45,5K; BGR \$19,3K; World Bank/GWMate \$5K.
Facilitation: Albert Tuinhof (GWMate), Richard Owen, Daniel Nkhuwa, Martin Eduvie (AGW-Net), Willi Struckmeier (BGR).
- Future courses for 2010 are in the early planning stages, and in most cases, AGW-Net is looking at the option of co-hosting with other regional water networks such as WaterNet, Nile IWRM-Net, WANet etc. Courses are already in the planning process for Lome, Togo (French) and Addis Ababa, Ethiopia (English).

Training Manuals were prepared by AGW-Net prior to the Ghana course and these manuals were tested in Ghana. They were modified after the Ghana course and then presented again in Dar es Salaam. This version is now considered suitable and will be prepared as a hard copy training manual with a softcopy CD of all the materials including the powerpoint presentations used in Dar es Salaam. These materials and Power-Point presentation materials for the short courses have been substantially upgraded throughout the year, with much valuable material being donated by our technical partners.

CapNet will be responsible for the production of the English language version of the Groundwater Management Training Manual and then prepare a French language version next, with the possibility of other language versions an option, depending on demand.

Network Development.

Membership: The network has managed to expand its membership quite significantly, with new members mostly joining the network after participating in the various short courses on Groundwater Management as indicated above. The total membership is now 110 members, with 25 female members. New members are welcome to join at any time and there is no fee or requirement to join at this time.

Links: The network has established links with various partners in the groundwater community who have provided both financial and technical support for our activities. International partners have participated in all our courses as facilitators.

Material, technical and financial support has come from the following organizations: CapNet, BGR (Federal Institute for Geosciences and Natural Resources), GWMate (World Bank program), SADC Groundwater Management Project, Water Resources Commission - Ghana, GWP (Global Water Partnership- West Africa), Splash, German Ministry for Economic Cooperation, Swiss Confederation, BGS (British Geological Survey), GEUS (Danish Geological Survey), IAH (International Association of Hydrogeologists)..

Initiatives: The network has proposed a number of initiatives to the membership: Gender in Groundwater; Borehole Maintenance; Low Cost Drilling. These initiatives seek to mobilize the membership to address certain issues related to these subjects. At present discussions have been initiated to hold a workshop on low cost drilling in Kaduna Nigeria with the cooperation of AGW-Net, NWRI of Nigeria, RWSN (Switzerland) and WaterAid (UK).

Web Site: A network website has been constructed and is being populated by additional materials from the various courses etc. to bring it up to date. At present, a search is underway to review web hosting options and it is anticipated that the web site will shortly be operational. Some possible options are 1) to host the AGW-Net web site independently, 2) to host it within the CapNet web site, the WaterNet site or possibly the IGRAC (International Groundwater Resources Assessment Centre) site.

The web site consists of several pages – **Home** explains the origins of the AGW-Net; **About Us** reveals the envisaged purpose and anticipated outputs of the network. The **Courses** section provides a generic application form, reports from all the past courses and access to the materials presented in our courses, a guide to planning short courses, and a financial template for reporting on short courses. The **Network** section includes our governance guidelines, membership lists, annual reports and work plans, and the Memorandum of Understanding governing the relationship between AGW-Net and our Host Institution, the Institute of Water and Sanitation in Harare. There is a section on key **Projects** that the network has developed a specific interest in through actions of our members and partners; at present these are 1) Borehole Maintenance, Gender in Groundwater and Low Cost Drilling. There is a discussion **Forum** section where members can log in and join a discussion topic or initiate a new discussion topic. There is a **Calendar** and a news page with a listing of

events and any network news updates and there is a contact us page with a listing of the email addresses of the steering committee members and their countries of residence.

It is anticipated that with a certain amount of development and management, the web site will become a key focus for our membership and be a vehicle for spreading awareness about groundwater issues and the role and functions of the network itself, as well as stimulating contacts between the groundwater community across Africa.

Future Focus.

AGW-Net perception of the situation across Africa is that there exists a groundwater community, and that groundwater has a high reputation across the continent since it has played such a universal and prominent role in primary water supply. Most African citizens have at some point in their lives had to depend on groundwater for their primary water supplies, and this provides an awareness advantage for groundwater that may be used to raise the profile of groundwater as a vital component of the water sector.

The key future focus for AGW-Net is to establish groundwater management within the River Basin Organizations, the Catchment Councils and the Surface Water Sector, to raise its political profile across the continent and to provide capacity building activities in these spheres.

Financial Report 2009

AGW-Net received core support funds of \$10,300- for the period March 2009 to March 2010 as per CapNet contract: Ref. 020309/00054126 with the Institute of Water and Sanitation Development in Harare, Zimbabwe.

The funding for specific courses is accounted for entirely separately outside the AGW-Net financial management system by the host institution that hosts each course. At the completion of each course, financial statements and accounts are prepared and these are submitted by the host institution to CapNet and the other ad hoc funding sources, and these are dealt with on a course by course basis. In this regards the four courses identified above in this report have all submitted accounts by the course hosts (University Cheikh Anta Diop, Senegal; University of Witwatersrand, South Africa; Water Resources Commission, Ghana; Groundwater Management Project, Botswana (Tanzania Course) and these have been accepted and approved by the funding agencies (eg CapNet, BGR, Splash etc.).

These AGW-Net core network funds were to be allocated as follows:

AGW-Net

DESCRIPTION	Unit (US\$)	Number	SUM (US\$)
Network administration	500/month	12 months	6,000
Website development and management			1,800
Communications	100/ month	12 months	1,200
Laptop, digital camera	Laptop 1,000; camera,300		1,300
TOTAL			10,300

The actual income and expenditure statement to 5 Dec 2009 is given below. The income and expenditure statement below reflects all the incomes and expenditures, and the expenditures are supported by receipts. For communication, a portion of Dr Owen's telephone account (\$100 pm) has been apportioned to cover internet / email time. Because

telephone connectivity speeds are so slow, the communication costs are very high. For this reason a higher speed wap / data phone has been purchased.

Statement of Income & Expenditure (approx).

Date	Supplier	Item	Amount ¹ US\$		
			Income	Expenses	Balance
March 09	CapNet	Support funds	3200		3200
Sept 09	CapNet	Support funds	1900		5100
Mar 09 – Dec 09	R Owen @ 500/pm	Network administration 10 months @ 500 pm		5000	100
19/6/09	HP Home Store	LapTop & shipping		735.59	-635.59
Mar – Dec	Tel-One	Communications 10 months @100 pm		1000	-1635.59
9/6/09	Amazon	Laptop battery		51.36	-1686.95
19/6/09	Sears	Digital Camera		195.01	-1881.96
10/7/09	Incredible connection	Data stick (R170)		22	-1903.96
25/9/09	ZoiSpot	Wireless Internet time		110	-2013.96
26/10/09	ZoiSpot	Wireless Internet time		110	-2123.96
Sep	Wiztech	Wap / data phone		157	-2280.96
12/11/09	Simba Bonga	Web Design		950	-3230.96
Nov	CapNet	Support Funds	3000		-230.96
24/2/10	Econet	GPRS airtime		75	-305.96
Jan and Feb 10	R Owen @ 500/pm	Network administration 2 months @ 500 pm		1000 ²	-1305.96
Mar 09 – Feb 10	IWSD	Host institution fees		600 ²	-1905.96
Jan Feb 10	Simba Bonga	Web Site Management		300 ²	-2205.96
Feb 2010	CapNet	Support Funds	2200*		-5.96
		Total Income	10300		

¹(expenses are supported by receipts which will be submitted with the final annual accounts)

* (funds not yet transferred) ²(funds not yet disbursed)

There remains an outstanding positive balance with CapNet of \$2200 still to be disbursed to AGW-Net via the host institution, IWSD. These funds will be allocated to a) network management (\$1000), b) host institution fees (\$600), c) Web site management (\$300 est) and d) arrears (\$300).

Summary:

AGW-Net considers that its first full year of operation has been successful and that a good platform has been laid for future capacity activities. Our partnership with CapNet has been absolutely fundamental and their support has been the basis for all the achievements this year. AGW-Net membership and steering committee expresses its thanks to CapNet.

Signed

Dr Richard Owen
AGW-Net Network Manager.