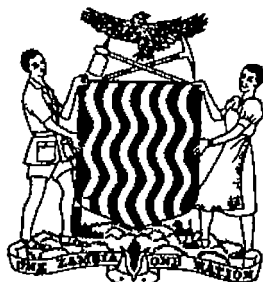


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PROGRAMME CO-ORDINATION UNIT



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PREFACE

THE CORE TRAINING MANUALS AND SUPPLEMENTARY MODULES

The Core Training Manuals and Supplementary Modules have been produced to support the implementation of WASHE in Zambia.

WASHE

Water Sanitation Health Education

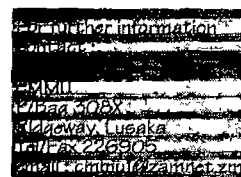


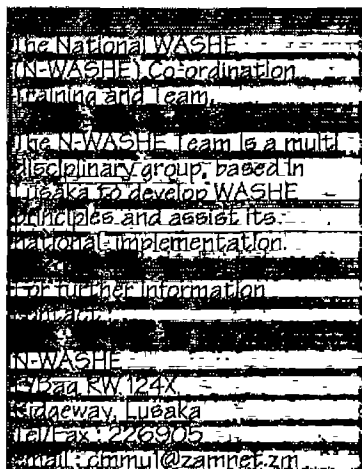
WASHE has been developed in Zambia over the last ten years. Learning mainly from the experiences of Western and Southern Provinces, it is now recognised to be a sustainable approach to rural water supply and sanitation.

The Core Training Manuals provide the background to this development and explain its context in view of decentralisation. The Manuals are intended to provide flexible guidelines to assist the growth of WASHE primarily at district level.

The Supplementary Modules provide community management guidelines for use at sub district and community level. The series includes technical, participatory health and hygiene education and community management titles. Each module has been written to 'stand alone' or be used as part of an overall community management approach where each title in the series complements the next. It is helpful to get to know the titles and become familiar with the contents to enable you to make informed decisions.

At the back of this module is a list of the titles that compile the Core Training Manuals and Supplementary Modules Series. Full details of the contents of each title can be found in ***The Community Management and Monitoring Unit Publications List***. All titles are available from the CMMU.





The guidelines and materials form the basis for the advocacy and training work of the National WASHE Co-ordination and Training Team (N-WASHE).

The Core Training Manuals and Supplementary Modules have been developed and written by the Community Management and Monitoring Unit (CMMU).

WHO THE SUPPLEMENTARY MODULES ARE FOR

The Supplementary Modules are written for people who are intending to develop community management as part of their overall objective for rural water supply and sanitation. These people are likely to represent:

- district councils and D-WASHE committees
- specific line ministries
- NGOs
- Donors
- volunteer agencies
- development organisations

The individuals are likely to be :

- rural and peri urban extension officers from WASHE line ministries
- environmental health technicians
- community development workers
- community health workers
- teachers
- project personnel

The guidelines have been developed within a Zambian context but can easily be adapted to meet the needs of other developing countries.

Throughout the Core Training Manuals and the supplementary Modules, *the Community* refers to a group of people with a common present or potential interest in WASHE. A single family unit is referred to as a *household*.

By *Community Management* we mean : the ability of the community to have the *responsibility, authority, accountability* and *control* of the WASHE process that exists for their benefit.

The CMMU believes that community management will only become a reality if issues of gender are seen to be integral to the project cycle and participatory process. By *gender* in rural water supply we mean : *the context and reality of both women's and men's lives that can together affect self determined change. Gender is not women's issue alone.*



See Supplementary Module 8
WASHE and Gender

HOW THE SUPPLEMENTARY MODULES WERE DEVELOPED

CMMU was mandated in 1993 to address issues of long term sustainability in the rural water supply and sanitation sector. CMMU began a programme of participatory research throughout the country and it was during this time that it became evident that some regions had a greater chance of sustainability than others. The approaches being used by projects involved in the sector varied from one area to the next. Whilst projects agreed that a community management approach through participation was appropriate there was little or no standardisation of approach. The absence of a standardised community management approach for Zambia meant that the quality of delivery and ultimate level of choice for the community was at best patchy.

In order to address this the CMMU set about collecting "best practice" ideas, knowledge and materials from around the country. It concentrated on participatory techniques, technology options and community management issues for rural water supply and sanitation. The result, through a series of consultative workshops, committees and core working groups, is the current series of supplementary modules.

ACKNOWLEDGEMENTS

Many people and organisations were involved in the development of the Core Training Manuals and Supplementary Modules. This supplementary module could have not been compiled without the cooperation of all the government departments, Donors, NGOs and private sector organisations that are involved in WASHE, for which we are most grateful.

The research and development required and the production of these publications would not have been possible without considerable financial support from the European Union, NORAD and UNICEF, for which we are most grateful.

The Core Training Manuals and Supplementary Modules have been produced entirely within the CMMU.



THE PRODUCTION TEAM

Dermot Carty, Team Leader

Research, Development And Drafting

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Sue Coates, Training Advisor

Musonda Kaluba, Sociologist

Paul Mboshya, Sociologist

Joseph Mathe, Health Educator

Emelia Mweemba, WASHE Facilitator

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Desk Top Publishing Technicians :

Fostina Mwale and Mwazida Mbewe

Data Processing Technician : Jomo Nyirenda

Secretarial Support : Theresa Siwakwi and Felix Kajilo

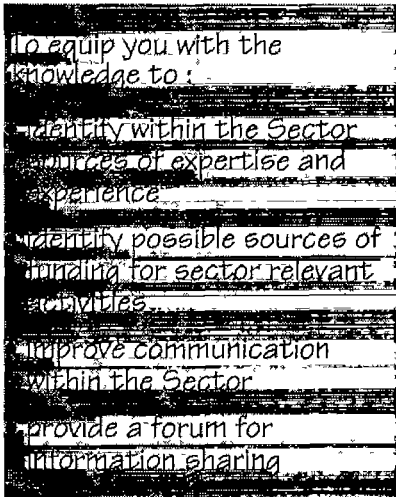
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INTRODUCTION



REF/GIACOMO PIROZZI

OBJECTIVES OF THIS MODULE



SECTION ONE : ABOUT THIS MODULE

This supplementary module was developed in an effort to identify the major actors in the Rural Water Supply and Sanitation Sector in Zambia. The Module provides a profile of each organisation, the geographical areas in which each operate, an outline of their development approach and background to their funding mechanisms.

In addition each organisation was requested to provide information in relation to areas in which they have particular expertise and experience. This information is indexed in Section 3. The Module is called Partners in WASHE.

- Section 1 Introduction
- Section 2 Partners in WASHE
- Section 3 Index : Specific area of interest and expertise

The format is designed to help you :

- find things quickly
- work systematically through the contents

By designing this module an attempt has been made to make it *more than a directory*. An effort has been made to :

- identify areas of expertise and experience which can be shared across the Sector
- where appropriate, identify possible sources of funding for sector relevant activities

All the information presented in this module has been provided voluntarily by each organisation. **No attempt has been made by the CMMU to edit the content of this information in any way.** Unfortunately, some organisations did provide much more information than there was space for and this has been edited out. For this we apologise.

The shaded areas on the relevant maps indicate the geographical areas of operation of each organisation.

Notes :



Use this page and the next to make your own notes

A series of horizontal lines for writing notes, starting below the 'Notes :' label and extending down to just above the footer.

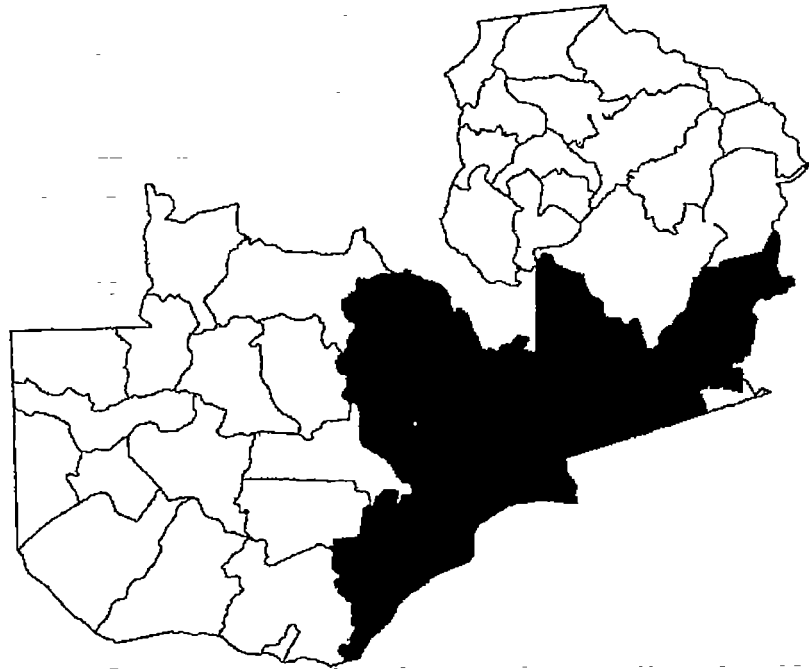
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**PARTNERS
IN WASHE**



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THE
ORGANISATIONAREAS OF
OPERATIONORGANISATION
PROFILE

AFE originally known as African Farming Equipment Limited was formed and registered under company act in 1956, 3rd December.

The company supplies a large variety of agricultural machinery implements and irrigation equipment to the farming community and enjoys technical back up provided by reputable international companies. It represents :

1. John Deere - Tractors, Planters, Cultivators, Combiners DISC Harrows Prougs
2. Irrigation Equipment - Wright rain U/C
3. Submersible Pumps - KSB pump - Germany Red Jacket - USA, Supee D - RSA
4. Booster & Turbines - Numtsag pump- Cyprus, Mono pump - RSA/UK, villins - U/C
5. Diesel Engines and Convertors - Lister engines & Generators - UK, RSA

AFE LTD

General Manager

AFE Limited, Lusaka

AFE Limited, P.O BOX 31505, Lusaka

Tel. 228995/8 Fax: 223361

Sale and marketing of all the agricultural and farm machinery products through out the country.

We have marketing points in Kabwe, Chipata and Choma apart from Lusaka.

Cash payment for all our crops.

AFE Limited in its efforts to serve its clients better are persuing a one stop shop concept.

THE ORGANISATION

COUNTRY REPRESENTATIVE

ADDRESS

POSTAL ADDRESS

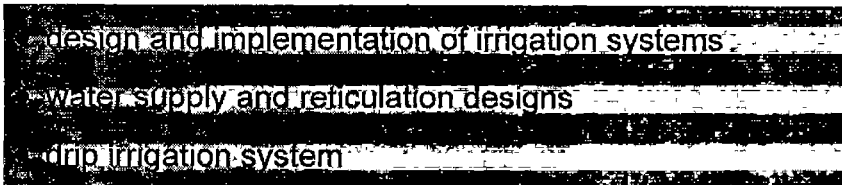
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THE APPROACH

FUNDING MECHANISMS

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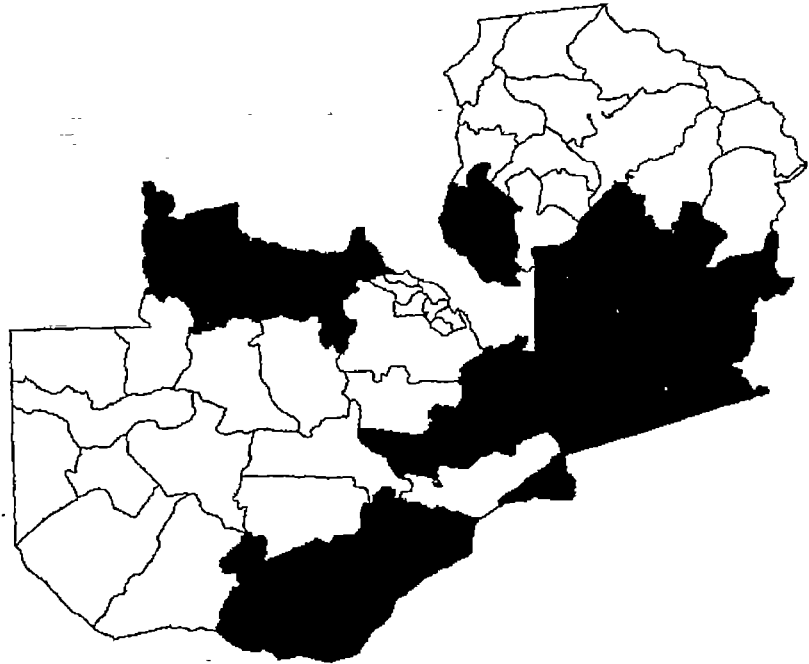
SPECIFIC AREAS OF INTEREST AND EXPERTISE



THE ORGANISATION



AREAS OF OPERATION



ORGANISATION PROFILE

Africare, headquarters in Washington DC, USA, is a non-profit, non-governmental agency founded in 1971 on the principle that true development is self development, whose mission is to improve the quality of life in rural Africa. In Zambia, since 1978, Africare has been extensively involved in rural water resource development nation-wide. Africare's current initiatives are in several districts of Lusaka, Central, Eastern and Southern Provinces.

AFRICARE

Ms. Vanessa Williams

Old Namibia Inst. Bldg, Sadzu Road, Lusaka

P.O BOX 33921, Lusaka

Tel. 221994 Fax. 226406

THE ORGANISATION
COUNTRY REPRESENTATIVE

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Africare's developmental approach emphasises community-based water resource ownership and management. Multi-disciplinary field teams support activities through training exercises in participatory decision-making, sanitation technology, water point village level operation and maintenance and cost recovery.

THE APPROACH

To foster institutional sustainability Africare works in close collaboration with national authorities through formation and co-ordination of national and local district WASHE steering committees. Communal WASHE committees are established on the household level to reinforce understanding of inter-relation of clean water to health and sanitation.

Africare implements its development programmes through private fund raising and grants from private institutions and agencies who share similar objectives in supporting better health and reducing water-borne diseases.

FUNDING MECHANISMS

To improve household security by integration of WASHE activities with complementary aspects of irrigation, nutrition and primary health care in Lusaka Rural and Southern Province through 1999.

PLANNED FUTURE INVOLVEMENT

Same as above

SPECIFIC AREAS OF INTEREST AND EXPERTISE

THE
ORGANISATION**ASCO**AREAS OF
OPERATIONORGANISATION
PROFILE

ASCO in Zambia was founded in 1968. We have provided consultancy services in Zambia for nearly 30 years in the fields of civil engineering, planning, environment and training. ASCO has collaborated closely with many in country and overseas firms to successfully respond to assignments from clients as diverse as the World Bank, African Development Bank, European Development Fund, Government of Zambia, United Nations Agencies and many aid organisations.

ASCO is committed to the training of Zambian professionals. We support the institutions who represent professional bodies in Zambia and play an active role in promoting their development.

ASCO (ZAMBIA) LIMITED

John Murphy

ASCO House, Luanshya Road, Lusaka

P. O. Box 31340, Lusaka

Tel : 228721/3 Fax : 224085 email : asco@zamnet.zm

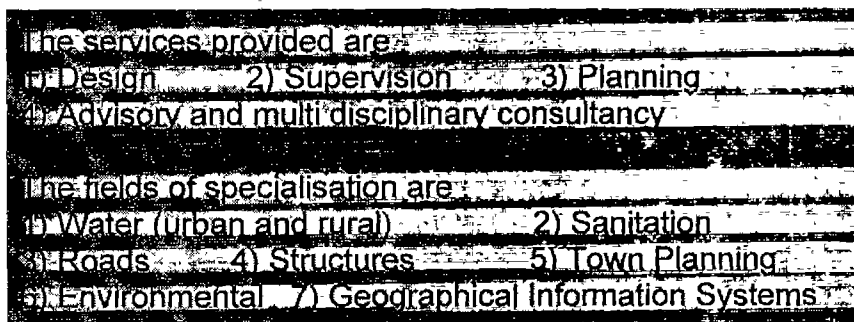
ASCOs mission is to assist in building the capacity of Zambia to implement beneficial and sustainable development projects and programmes of lasting value to the country.

How we work :

- results oriented
- professionalism and expertise
- value for money
- innovative solutions
- client focused
- consultation
- multi skill approach
- locally based

ASCO is a private consultancy and responds to the needs of clients in the development sectors in Zambia. Our clients have included Government ministries, aid organisations, banks and private organisations.

ASCO intends to participate in development in Zambia for many years to come.



THE ORGANISATION
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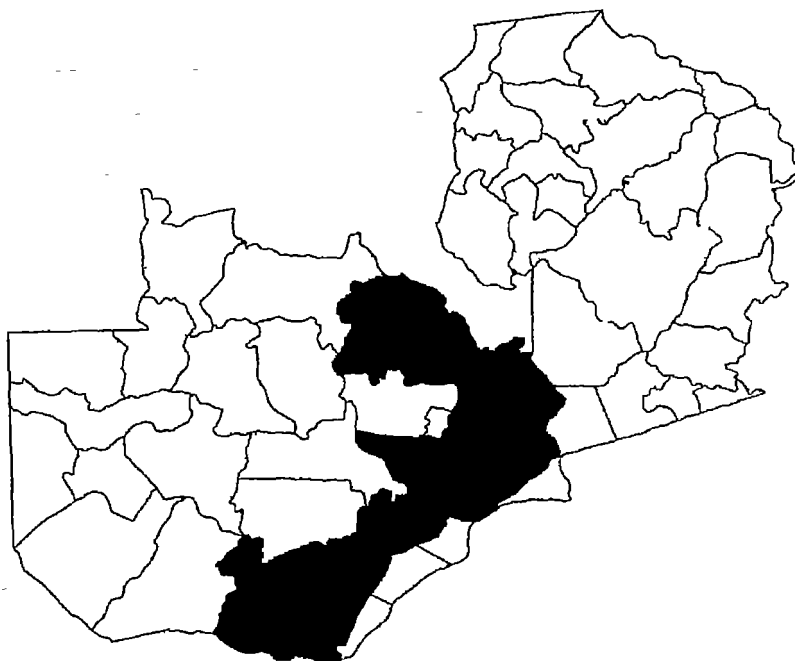
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THE APPROACH

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THE
ORGANISATION*Blackwood Hodge (Zambia) Limited*AREAS OF
OPERATIONORGANISATION
PROFILE

Blackwood Hodge (Zambia) Limited started marketing of Vergnet Hydropumps late in 1993 with a view to :

1. Supplying a true village level operated and maintained pump (VLOM).
2. Initiating projects that would help in sustainability of water points by them being managed by the local community.

We have helped in the equipping of 12 water points in Mufulira, Kawama West and 15 water points in Ndola Rural by sourcing for funding from NGOs through our overseas contacts.

BLACKWOOD HODGE (ZAMBIA) LIMITED

Ivor Mpandamwike

Plot No. 3702, Independence Avenue, Kitwe

P.O BOX 22700, Kitwe

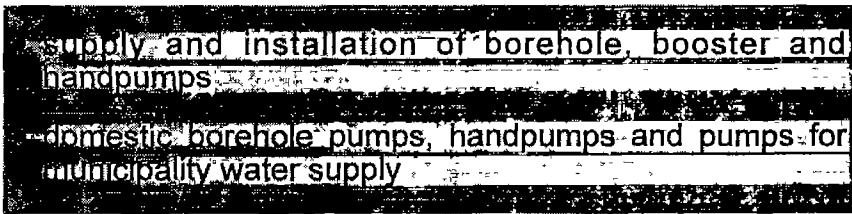
Tel. 210055/210279/215014 Fax: 210436

We prepare project proposals for helping areas needing community maintained water points in conjunction with the Department of Water Affairs and our principals. Submit the proposals through Water Affairs for funding by various NGOs we and our principals are associated with.

We can also supply pumps to projects funded by others.

Funding would be through the various NGOs inside and outside the country either through their embassies or directly from the NGOs.

Copperbelt, Lusaka and Eastern Province



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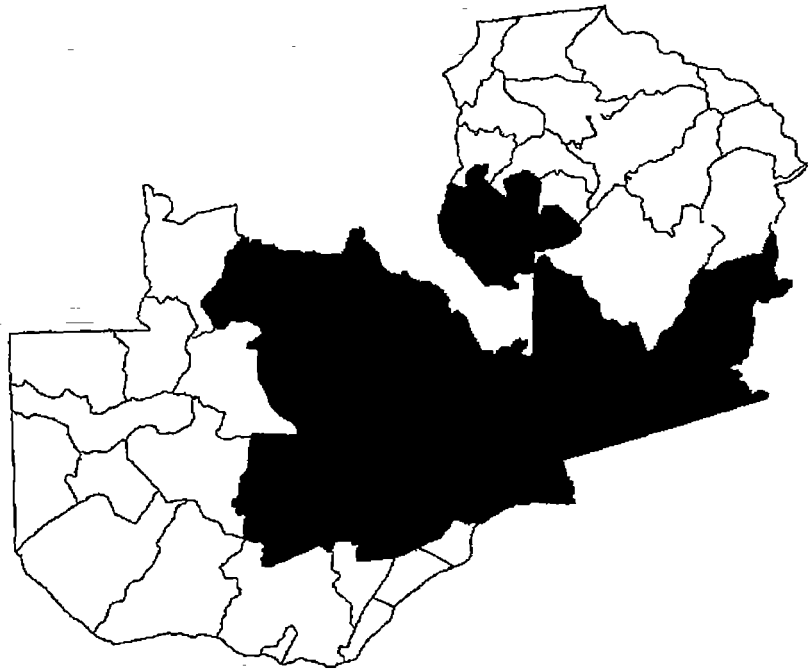
SPECIFIC AREAS OF
INTEREST AND EXPERTISE

THE ORGANISATION



**BOART
LONGYEAR**

AREAS OF OPERATION



ORGANISATION PROFILE

Have been operating in Zambia since 1963, mainly in mining exploration work throughout the country and the neighbouring countries.

The water system business was initially restricted to Copperbelt, but in the last 7 years we have expanded to cover a wide part of Zambia so as to serve the community better to alleviate water shortages due to drought and from Council supplies. We are looking for cheaper agencies to supply pumps, tanks and piping.

BOART LONGYEAR ZAMBIA LTD. - DRILLING DIVISION

Stand 1334 Kanongesha Road, Heavy Industrial Area

P.O. Box 20365, Kitwe

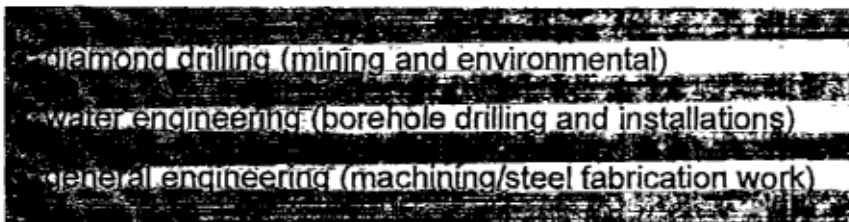
Tel : 02-216177/218344 Fax : 02-213114

Our business activities :

- a. Diamond drilling mineral exploration and environmental/soil investigations for ZCCM including small scale mining.
- b. Water engineering water well and borehole drilling, supply and installation of sub-mersible pumps, stands, tanks and pipes. Dealing with government, companies, communities and private individuals throughout the country.
- c. General machining engineering - manufacturing of mining spares, vehicles and general parts.
- d. Property rentals and maintenance (owns properties on the Copperbelt).

We are a part of a larger international group - Boart Longyear, owned by Anglo-American Corporation, privately funded and occasionally projects, especially water systems, are by GRZ or NGOs.

New capital injection is planned for 1997 to expand our diamond and water engineering operations to cover large areas of Zambia and neighbouring countries.



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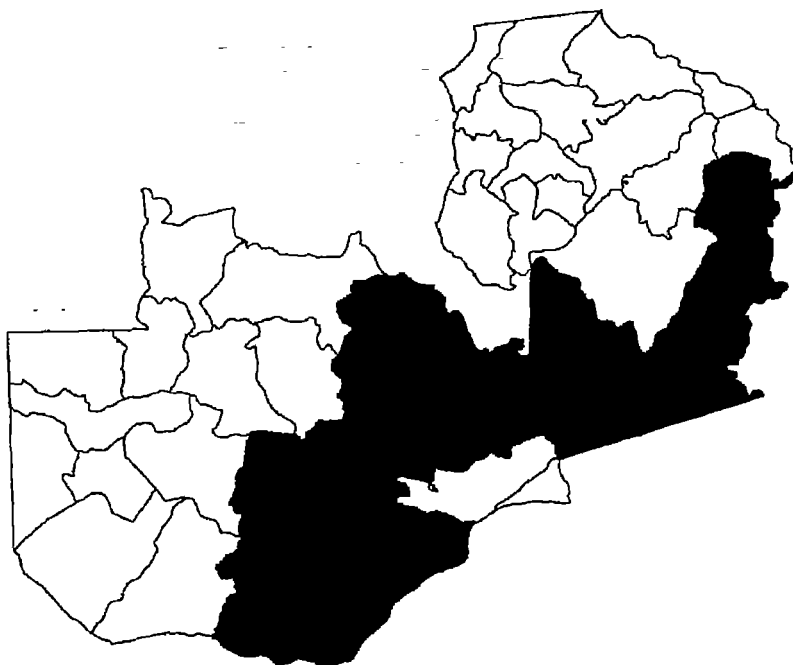
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INTEREST AND EXPERTISE

THE
ORGANISATION

Integrated Engineering and Development Consultants

AREAS OF
OPERATIONORGANISATION
PROFILE

Established in 1963 in Zambia. Has grown into an International Company involved in engineering developments in :

- road, airports and bridges sector
- buildings (multistorey & industrial)
- water supply and sewerage sector
- social sector

In Zambia, the firm is involved in the on going rehabilitation of the Lusaka-Chipata Road, the proposed Monze-Zimba Road rehab and the proposed Serenje-Mpika rehab. The firm provided structural engineering services to buildings such as Pamodzi Hotel, Godfrey House and most NPF buildings in the provinces. In the Water Sector, the firm has been involved in the improvements to Lusaka's water supply and to irrigation improvements at Nakambala Estate.

BURROW BINNIE ZAMBIA LIMITED

Levi Zulu

10th Floor, Kulima Tower, Lusaka

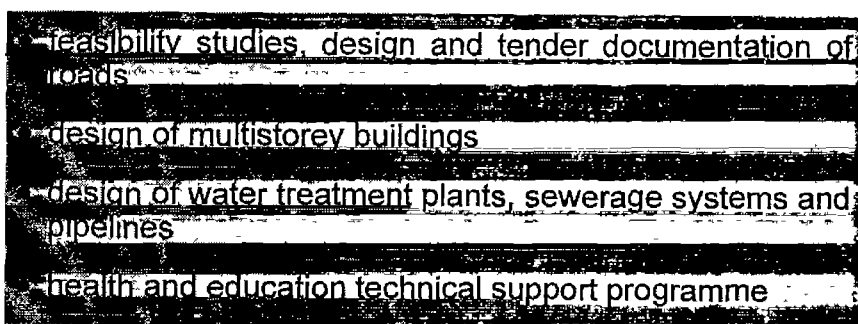
P.O BOX 31923, Lusaka

Tel. 224947/43/52 Fax: 224941

Burrow Binnie Zambia Limited like its sister companies in Africa and its parent company Binnie Black & Veatch of U.K. adopt an integrated approach to the provision of engineering consultancy services which involves the delivery of multidisciplinary end results to a high level of performance. This usually calls for involvement of specialists from the various group firms to maximise inputs into services provided.

The firm carries out services to government, international and private investor organisations in return for professional fees.

More involvement in water and sewerage sector



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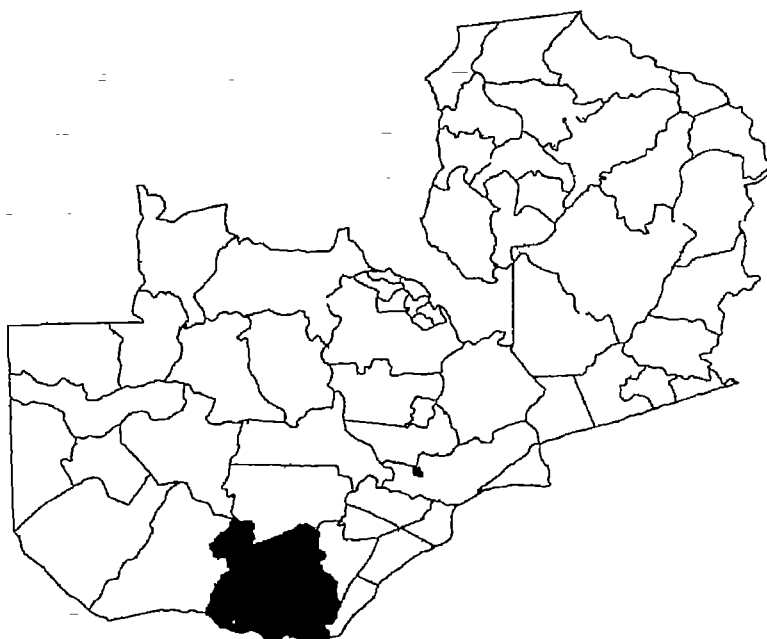
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ORGANISATION

ZAMBIA

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OPERATIONORGANISATION
PROFILE

CARE International is one of the largest non sectarian, non profit developmental and relief organisations in the world. It has 11 member countries and is working in over 50 developing countries. CARE began operating in Zambia in January 1992. Although the initial activities focused on emergency relief in response to the severe drought of the early 1990s, this has now shifted to more long term programming in community development activities.

CARE's water related activities are in urban and rural areas. In Lusaka CARE through the PUSH Project has facilitated community water protection in Chipata Compound and in George Complex where CARE worked with JICA. CARE also worked on a similar basis in recent work and has also just started in Kanyama compound (PUSH Project). In rural areas, CARE is involved in the Kalomo District WASHE activities on the UNICEF sponsored borehole water supply programme. CARE was responsible for community mobilisation and siting (training of V-WASHE) for 20 boreholes in Kalomo South.

CARE INTERNATIONAL IN ZAMBIA

Greg Duly, Country Director

Plot 5168, Chishango Road Light Industrial Area

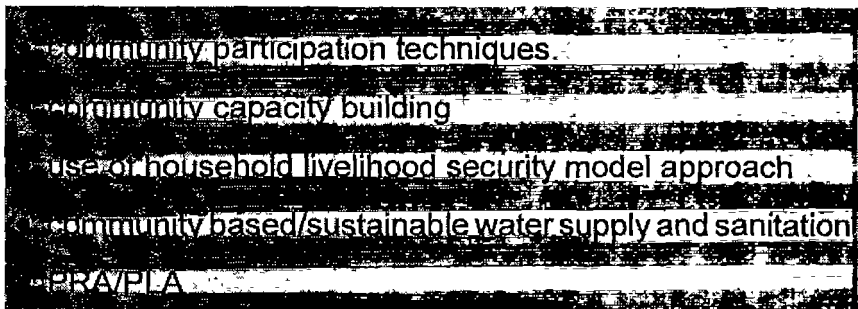
P. O. Box 36238, Lusaka

Tel :220136/7 227403 Fax : 227108
 email : care@zamnet.zm

CARE Zambia operates according to the following CARE values : Participation, Accountability, Learning Orientation, pursuit of collective Excellence and Integrity, which apply to both its staff and the partners, communities. CARE Zambia uses a household livelihood security model to design implement and evaluate its projects and involves the participatory community at all stages. Through the use of participatory approaches and methods, CARE enables its partners to present, share and analyse their knowledge of life and local conditions, and builds community capacity to plan, implement and (thanks to new techniques) to monitor and evaluate project activities

CARE Zambia funding is on individual project basis and sources of funds are diverse, including bilateral, and multilateral, as well as the through CARE International.

New programme coming on the Copperbelt.



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THE
ORGANISATIONCOMMUNITY MANAGEMENT
AND
MONITORING UNITAREAS OF
OPERATIONORGANISATION
PROFILE

The Community Management and Monitoring Unit (CMMU) is one of the partners in the reorganisation of the water supply and sanitation sector in Zambia. We work in close collaboration with the Water Sector Development Group (WSDG) and the National WASHE-Team (N-WASHE) for the inter-ministerial group the Programme Co-ordination Unit (PCU). The CMMU is mandated to examine issues of long term sustainability in the rural and peri urban water and sanitation sector. Our multi disciplinary team works to support all those who implement water and sanitation projects in rural and peri urban areas.

The CMMU undertakes a range of activities to further the development of WASHE. All work is participatory and relies on the knowledge, advice and co-operation of communities and those working in the Sector. We have also conducted and articulated the first National Water Point Inventory, detailing through a central data base and digitised maps, over 22,000 water points in rural Zambia.

COMMUNITY MANAGEMENT AND MONITORING UNIT

Dermot Carty - Team Leader

Indeco House, 11th Floor, Cairo Road
P/Bag RW 308X, Lusaka
Tel. 226941/2, 238438/9 Fax: 226905
email : cmmu1@zamnet.zm.

The CMMU is committed to the WASHE process.
WASHE : WAter Sanitation Health Education

WASHE advocates a community management approach to the development, operation and maintenance of rural water supply and sanitation through health and hygiene education. WASHE involves all actors at all levels of the development process and bases its strength on co-operation, collaboration and participation.

By community management we mean :

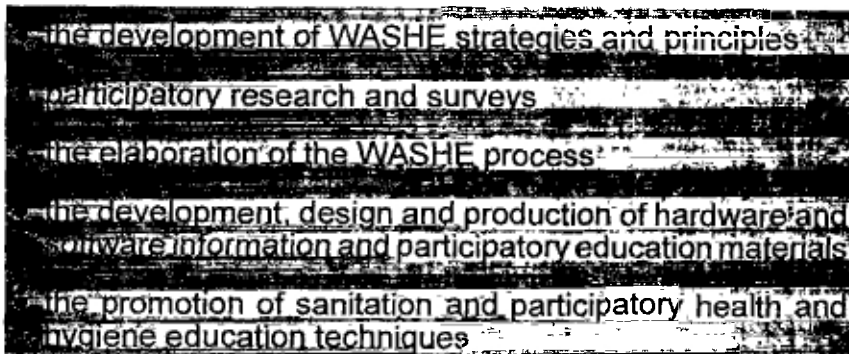
"the ability of the community to have **responsibility, authority, accountability** and **control** of the WASHE process which exists for their benefit"

The CMMU believes that community management will only become a reality if issues of gender are seen to be integral to the approach.

By gender we mean : the context and reality of both women's and men's lives that can together affect self determined change. We do not mean women's issues alone.

The CMMU receives funding from a number of donor organisations including ; UNICEF, NORAD, European Union, GTZ and Irish Aid. Funding is also provided by GRZ.

Presently under review.



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COUNTRY REPRESENTATIVE

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THE APPROACH

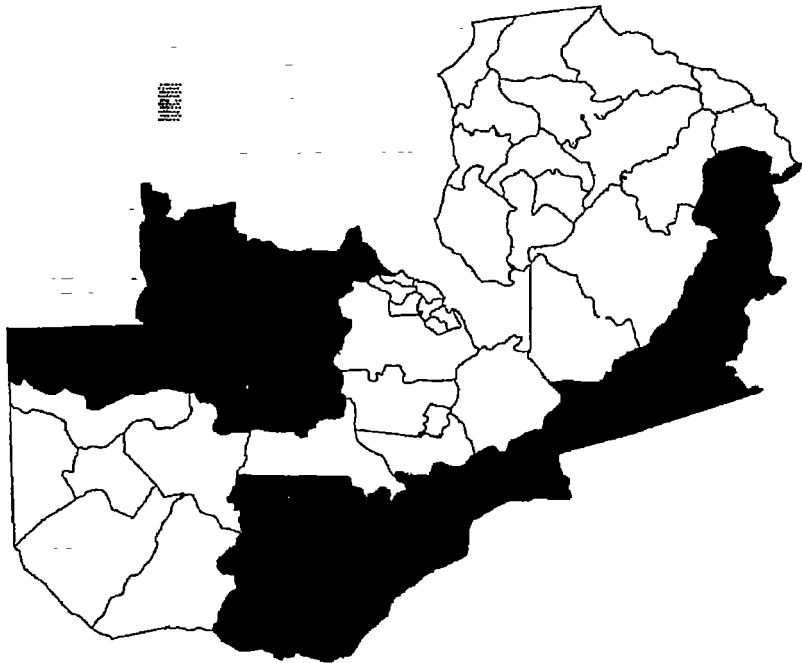
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THE
ORGANISATION

Coopers & Lybrand

AREAS OF
OPERATIONORGANISATION
PROFILE

Coopers & Lybrand Associates Management Consultancy Services Limited consists of 14 professional staff with skills in financial management, human resources, information technology, corporate finance and economics. Coopers & Lybrand has worked extensively in the water sector in Zambia and recent assignments have included : preparation of corporate plan for Chipata Water & Sewerage Company (CWSC); strengthening of corporate governance procedures for CWSC; review of financial commercial and internal audit procedures for Lusaka Water and Sewerage Company; feasibility study for establishment of a commercial water and sanitation utility in NW province; institutional and organisational assessment of rural water maintenance capacity in Eastern Province; revenue improvement programme in three towns in Southern Province and financial and organisational assessments of 89 towns as part of the national inventory of water supply and sanitation assets.

COOPERS & LYBRAND

Hakainde Hichilema/Andrew Brown

Farmers House, Cairo Road, Lusaka

P.O. Box 30885, Lusaka

Tel : 227722/8 Fax : 223774 email : coopers@zamnet.zm

Coopers & Lybrand works closely with its clients to develop and implement practical solutions. We have supported a number of the initiatives currently underway in the water sector, and have worked closely with Gauff Engineering on a number of assignments to provide the full range of management and engineering skills required.

Coopers & Lybrand has worked in the water sector on behalf of a number of donor agencies including : Kreditanstalt fur Wiederaufbau (KfW); GTZ; NORAD and others.

THE ORGANISATION
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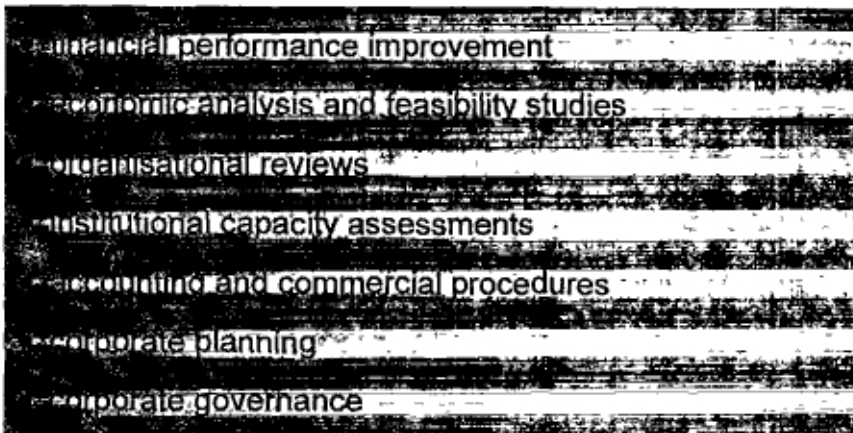
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THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE
INVOLVEMENT

SPECIFIC AREAS OF
INTEREST AND EXPERTISE



THE
ORGANISATIONAREAS OF
OPERATIONORGANISATION
PROFILE

C.T.I. Ltd. was established initially as a transport company mainly in passenger and cargo lines. Early this year C.T.I. entered into the sanitation sector by transporting septic tank waste including industry effluent. Construction of sewer system mainly septic tanks and soakaways are undertaken including plumbing works.

Aquatech Ltd. was established this year with an associate in Holland to deal in water purification and is currently in the process of introducing these services in Zambia.

COPACABANA TRANSPORT INTERNATIONAL LTD.

Mr. Henk Thyssen - Director

14/15 Great North Road, Kapiri Mposhi

P.O. Box 810172, Kapiri Mposhi

Tel : 271208/362159 Fax : 271129

To provide vacuum tank service to communities and rehabilitate sewer systems.

To provide means of cheaper water purification systems.

Private company

Entering the water purification programmes extending services and increase tanker fleet.

THE ORGANISATION
COUNTRY REPRESENTATIVE

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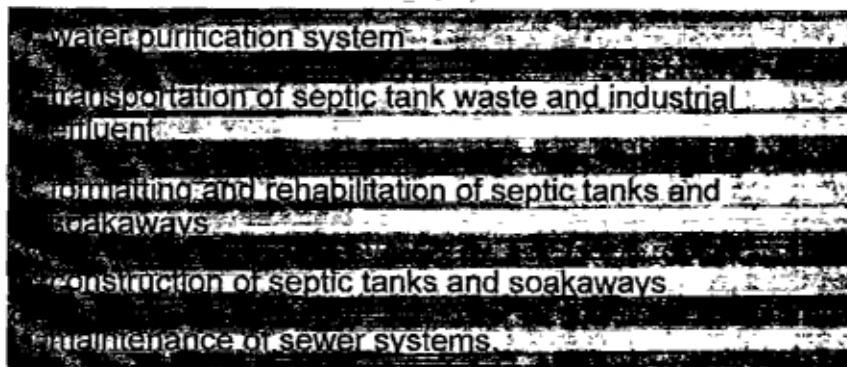
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THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE
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SPECIFIC AREAS OF
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THE
ORGANISATIONDEPARTMENT OF INFRASTRUCTURE
AND SUPPORT SERVICES (MLGH)AREAS OF
OPERATIONORGANISATION
PROFILE

In February, 1996, with the World Bank funding, a Department of Infrastructure and Support Services (DISS) was formed in the Ministry of Local Government and Housing.

With the Donor funds and Government counter funding, DISS, implements projects through councils in the following areas :

- (a) Water and Sanitation
- (b) Feeder Roads.

DEPARTMENT OF INFRASTRUCTURE AND SUPPORT SERVICES (DISS)

Dr. Mwinga, Director

Plot 2020 Church Road, Rodespark, Lusaka

DISS, P.O. Box 50027, Lusaka

Tel : 253643 Fax : 252503

The objectives of DISS through; the water and sanitation sector :

- (1) Rehabilitate water and sanitation systems under the jurisdiction of the local councils
- (2) Provide grants in terms of a revolving fund for district council water chemicals
- (3) Improve/reduce water loses through training on leak detection and general capacity building of local authorities

In the feeder road sector, we have a National Annual Programme of feeder road rehabilitation and maintenance.

For feeder roads rehabilitation, we have the following sources of funding

- National Roads Board
- UNDP and UNCDF

For water and sanitation, we have :
ADB and ADF loans

- KfW Grants
- NORAD credits

Current phase of Donor funding ends in 2001

THE ORGANISATION

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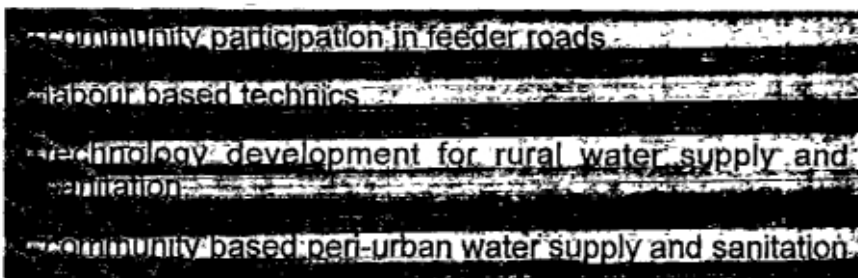
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THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE INVOLVEMENT

SPECIFIC AREAS OF INTEREST AND EXPERTISE



THE ORGANISATION



MINISTRY OF WORKS AND SUPPLY
BUILDINGS DEPARTMENT

AREAS OF OPERATION



ORGANISATION PROFILE

BUILDINGS DEPARTMENT, MINISTRY OF WORKS & SUPPLY

Director of Buildings

P.O Box 50800, Lusaka

P.O Box 50800, Lusaka

Tel : 254556 Fax : 253616

The development objectives of this department is to provide consultancy services and construction supervision of water, drainage, sewerage and plumbing works associated with building projects undertaken by this department for client Ministries of Government of Zambia and implementation of urban water and sewer connections for institution schemes and improving of water pressure of government buildings.

From Government Republic of Zambia (GRZ) budget and other sources

Rehabilitation of dilapidated system of water supply and sanitation infrastructure and execution of new projects.

water supply, sanitation and irrigation

THE ORGANISATION

COUNTRY REPRESENTATIVE

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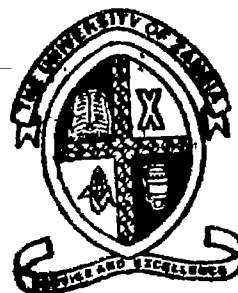
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THE APPROACH

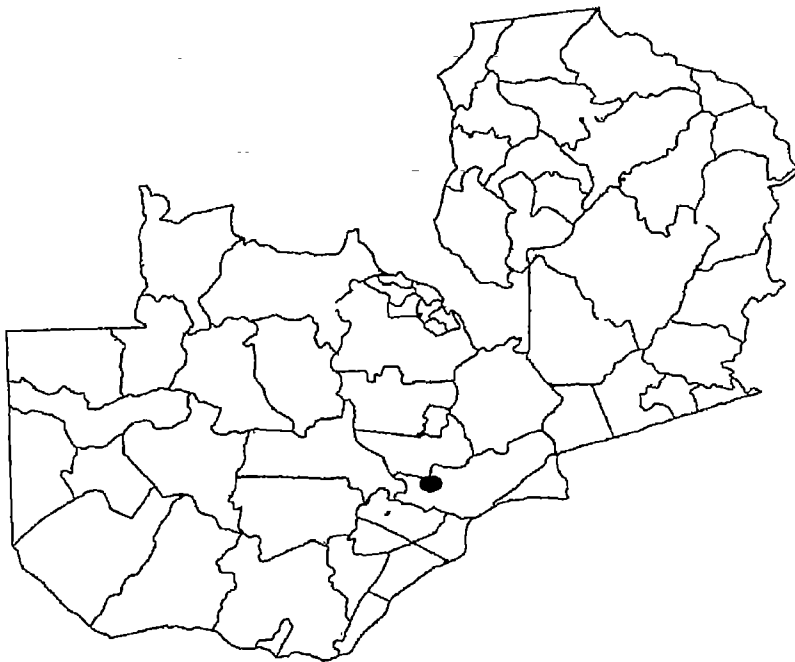
FUNDING MECHANISMS

PLANNED FUTURE INVOLVEMENT

SPECIFIC AREAS OF INTEREST AND EXPERTISE

THE
ORGANISATION

DEPARTMENT OF SURVEYING

AREAS OF
OPERATIONORGANISATION
PROFILE

Since 1989 the fully operated and equipped Department of Surveying at the School of Engineering, University of Zambia, is involved in the following

- basic university education (B.Egn.) in various surveying methods, including GPS for Surveyors, Civil Engineers, Mining Engineers, Agriculture Engineers, and others.
- basic education in GIS within university B.Eng. programmes of Surveying and Soil Science
- basic education in photometry and mapping and remote sensing within B.Eng. in Surveying and Civil Engineering
- workshops, short training and seminars for Zambian and region community in the above areas
- research and consultancy projects in the above areas

DEPARTMENT OF SURVEYING, UNZA

Prof. A. Bujakiewicz, Head of Department

Department of Surveying, School of Engineering, UNZA

P. O. Box 32379, Lusaka

Fax : 290374 email : bujakiewicz@eng.UNZA.ZM

Explained in organisation profile

- Government Republic of Zambia (GRZ)
- SIDA and NUFFIC projects

graduate and post graduate education in surveying and mapping, remote sensing, GIS.
research and consultancy in the above areas
seminars, workshops, short training in the above areas

THE ORGANISATION
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THE APPROACH

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THE
ORGANISATION

ENVIRONMENTAL COUNCIL OF ZAMBIA

AREAS OF
OPERATIONORGANISATION
PROFILE

The ECZ is a corporate body established in 1990 as provided for in the Environmental Protection and Pollution Control Act (EPPCA) of 1990. The main objective of the act among others include :

- providing for the protection of the environment and control of pollution
- establishing the ECZ as the executing agency and prescribing the functions and power of the council
- providing for matters connected with or incidental to the Act

ENVIRONMENTAL COUNCIL OF ZAMBIA

Mr. J. S. Phiri, Director

ECZ, Offices, Kabelenga Road, ESCO Yard

P. O. Box 35131, Lusaka

Tel : 224009 Fax : 223123 email : nec@zamnet.zm

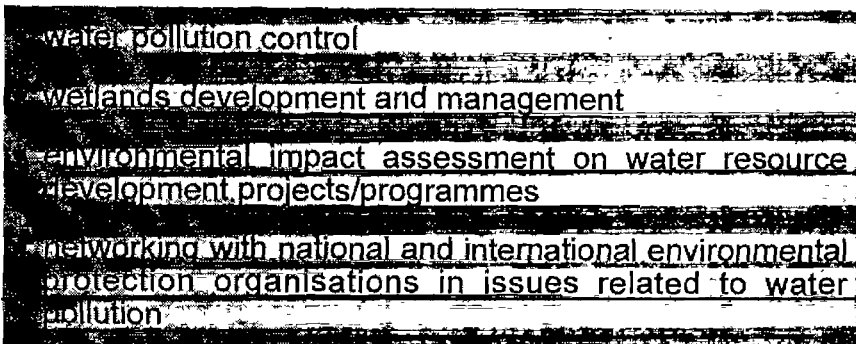
The primary function of the ECZ is to improve the health and welfare of persons, animals and plants by monitoring, co-ordinating and regulating all line ministries, the private sector and everyone else involved in environmental related activities such as WASHE in water supply, sanitation etc.

Areas of focus include :

- advising on environmental protection and conservation, pollution, control strategies etc.
- undertaking environmental education programmes
- enforcing regulations related to water pollution, pesticides and toxic substances and natural resource management

The ECZ draws its funding from government grants, licensing activities and international organisations such as CIDA, NORAD, SIDA etc. for some projects and programmes supported by such organisations.

The participation of the ECZ in such activities is permanent



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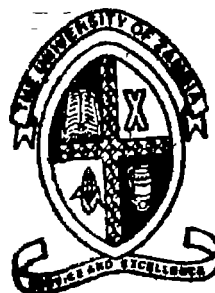
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THE APPROACH

FUNDING MECHANISMS

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THE
ORGANISATIONENVIRONMENTAL AND WATER RESOURCES
ENGINEERING GROUPAREAS OF
OPERATIONORGANISATION
PROFILE

The Environmental and Water Resources Engineering Group (EWREG) at the Department of Civil Engineering offers specialist consultancy services on all aspects of water, waste water, industrial effluent, sludge and solid waste - embracing management, treatment and disposal. Our services include :

- laboratory and pilot scale investigations
- R and D management
- conceptual process design
- process selection
- independent design and report review
- process testing
- technical training/tailor-made courses
- water quality testing/monitoring
- process evaluation
- hydrological investigations and many more

EWREG, UNZA

Dr. Z. Phiri

Dept. of Civil Engineering, University of Zambia

P. O. Box 32379, Lusaka

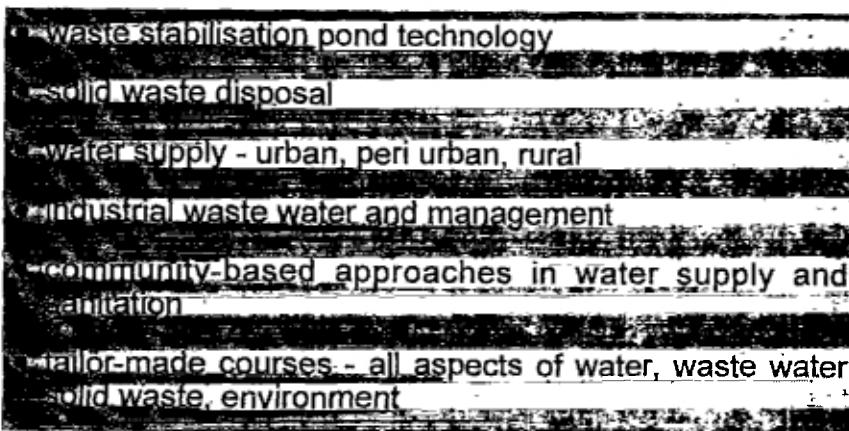
Tel : 252514 Fax : 253952 email : zphiri@eng.unza.zm

The Environmental and Water Resources Engineering Group (EWREG) at the Department of Civil Engineering is able to offer clients a special relationship which gives them the benefit of experienced staff based at the centre of academic excellence. Our consultants have both national and international experience and are used to working in an integrated environment with clients and their project teams. Whether leading a team or being part of a clients team, this is all part of our unique position, we work either directly with clients or by supporting major consultants and contractors in developing their design concepts.

We support activities in the water and sanitation sector by availing our consultancy services.

Our charges are very reasonable. In order to ensure that our services are of the highest quality, we have on going financial and other support from a number of organisations in Europe and elsewhere.

Our goal is to establish ourselves as a reference centre for Environmental Engineering



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FUNDING MECHANISMS

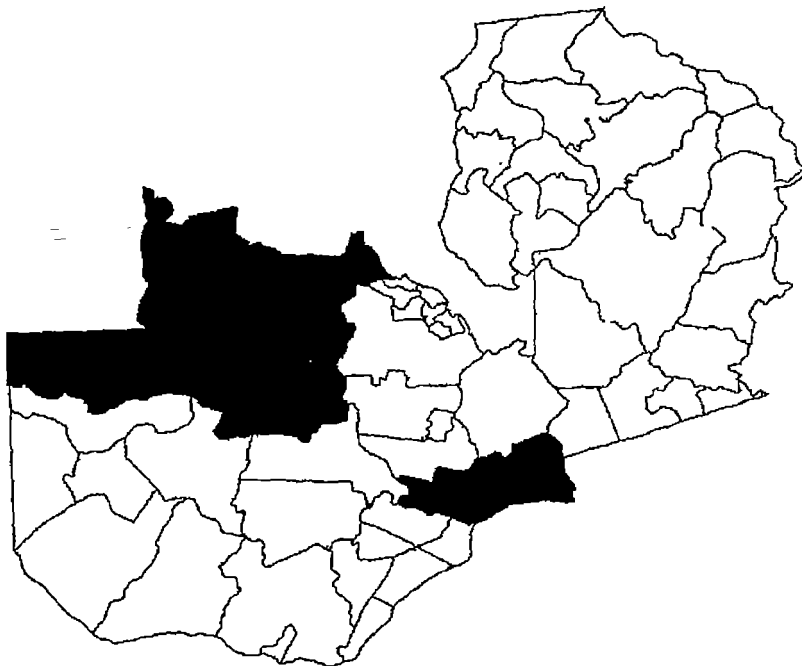
PLANNED FUTURE INVOLVEMENT

SPECIFIC AREAS OF INTEREST AND EXPERTISE

THE ORGANISATION



AREAS OF OPERATION



ORGANISATION PROFILE

GTZ is a private sector, limited liability company owned by the German Government providing technical co-operation services to over 130 partner countries world-wide.

GTZ provides cross-sectorial expertise on gender, poverty reduction and environmental issues, organisational consultancy, institution building and human resource development.

The company has more than 1,500 field staff supported by over 5,400 experts and administrators at its Head Office in Germany.

GTZ has been working with Zambian counterpart organisation for 20 years with considerable emphasis on water supply, sanitation, health and rural development.

GERMAN TECHNICAL CO-OPERATION

Klans Von Mitzlatt

Kariba Road, Kalundu Township

Plot No. 6469, Lusaka

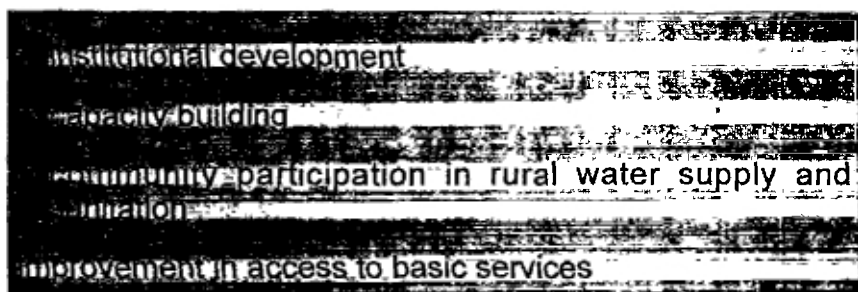
Tel : 291918

GTZ's approach to support the water supply and sanitation sector is through :

- support to GRZ organisations involved in spearheading reform of the sector, i.e.. the Programme Co-ordination Unit and Water Sector Development Group
- support in the establishment of commercial water utilities through technical assistance and performance incentive schemes
- specific rehabilitation projects in rural water supply

GTZ support for technical assistance activities is by grant aid and/or the appointment of consultants within the framework of a Government Agreement. Administration of funds is by GTZ project managers working with GRZ counterparts.

GTZ is planning continued support to the reform of the water sector.



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PROFILE

ITC is a joint venture with the Republic of Germany and Zambia established to provide engineering and automotive trades and driver training. The centre provides short and long term courses at technician level at a fee. Presently ITC is capitalising on the synergy of mechanical and water engineering to provide training programmes for technical personnel in the water sector.

INDUSTRIAL TRAINING CENTRE

Director

Plot 3140 Buyantanshi Road, Industrial Area

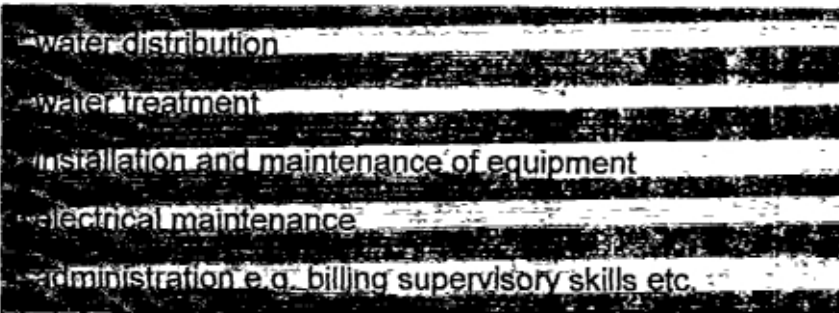
P.O. Box 34785, Lusaka

Fax : 243531

ITCs approach is to provide competence based modular training for water utilities. These programmes are to be provided at a fee at ITC's well equipped training centre by highly qualified professional training staff.

ITC operates as a self-financing institution, and therefore all services have to be paid for. However, investment support is available from the Republic of Germany (GTZ) and the Zambian Government.

GTZ support is foreseen for the next five years or so.



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AREAS OF OPERATION



ORGANISATION PROFILE

Interconsult International AS has operated as a Consultant in Zambia since 1977.

Main Fields : Water and Sewerage
Roads (and other transportation)
Buildings

Ownership : The Company's employees are holding 100% of the shares

Personnel : Approximate 350 employees in Norway (mainly engineers) and approx. 30 locally employed in Interconsult Zambia Ltd

INTERCONSULT INTERNATIONAL (A9)

Sven A Svensen Res. Manager

Makeni Road Lusaka

P.O Box 34528 Lusaka

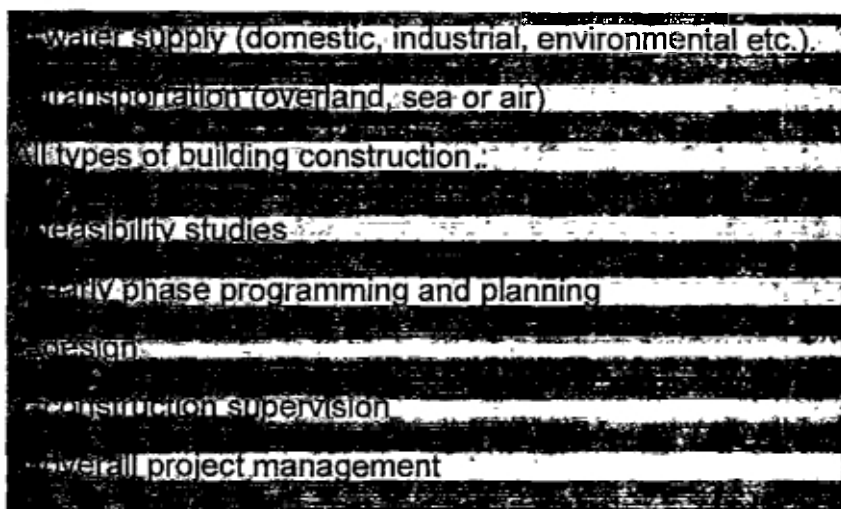
272455/274839 Fax: 274837

To be among the leading consulting companies in Zambia within our main fields of business.

An important part of the approach is to maintain a pool of well educated and experienced local employed personnel. We undertake small projects as well as big projects.

Privately owned consulting company undertaking all kinds of differently funded projects. Locally financed as well as from foreign sources.

To maintain involvement and turnover.



THE ORGANISATION
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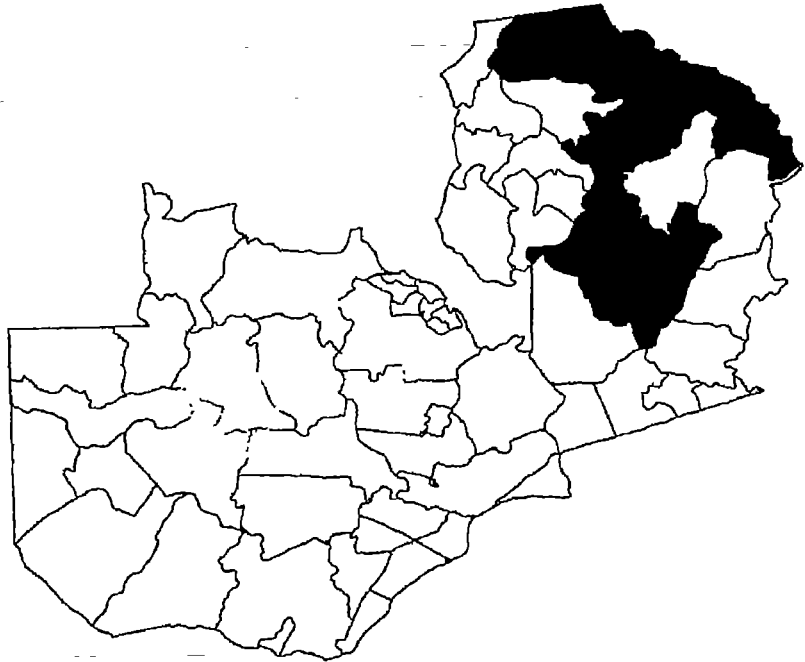
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Since 1982 the Irish Government has been supporting development projects in Zambia through the Irish Aid Programme. The main items of this programme are :

- **community participation by both men and women** in all aspects of project planning and implementation
- helping to address **basic needs**, mainly in such essential social sectors as health, education, water, sanitation and income generation
- **capacity building** at community, local and national level — to maximise the capacity and involvement of the Zambian people in their own development

Since 1983 Irish Aid has supported rural water supply and sanitation activities, initially in Kasama District but more recently in Kaputa, Mbala, Isoka, Nakonde and Mpika districts in Northern Province and the WASHE initiative at national level.

IRISH AID

Mr. Brendan Rogers, Charge d’Affaires

Plot : 6663, Katima Mulilo Road, Olympia Park, Lusaka

Embassy of Ireland P.O.Box 34923, Lusaka, Zambia

Tel : 290650 Fax : 290484 email : iremb@zamnet.zm

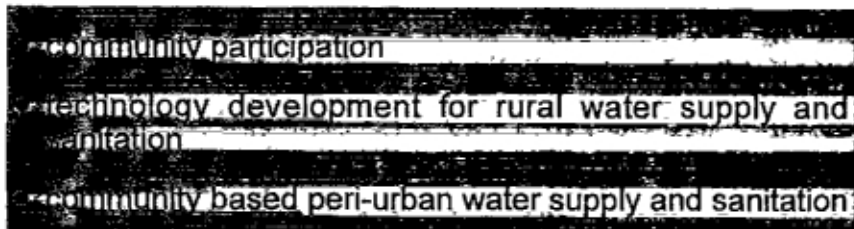
The development objectives of Irish Aid for the water supply and sanitation sector is to promote the WASHE initiative. This support is focused in the following areas :

- at national level, support for the N-WASHE Co-ordinating and Training Team
- at provincial level, financial support for WASHE through the Irish Aid Capital Development Fund
- at district level, support for the establishment of D-WASHE committees through capacity building together with support for the implementation of D-WASHE plans through various rural water supply and sanitation projects
- in urban areas, support for the community based water supply and sanitation projects

Irish Aid support for activities in the water and sanitation sector is by grant aid from government to government. Irish Aid funds are administered by the individual projects in conjunction with GRZ counterparts.

A small amount of funding may be available to NGOs and community groups for sector relevant projects through the Irish Aid NGO Financing scheme or the Capital Development Fund referred to above.

Current phase of Irish funding will end in 1999

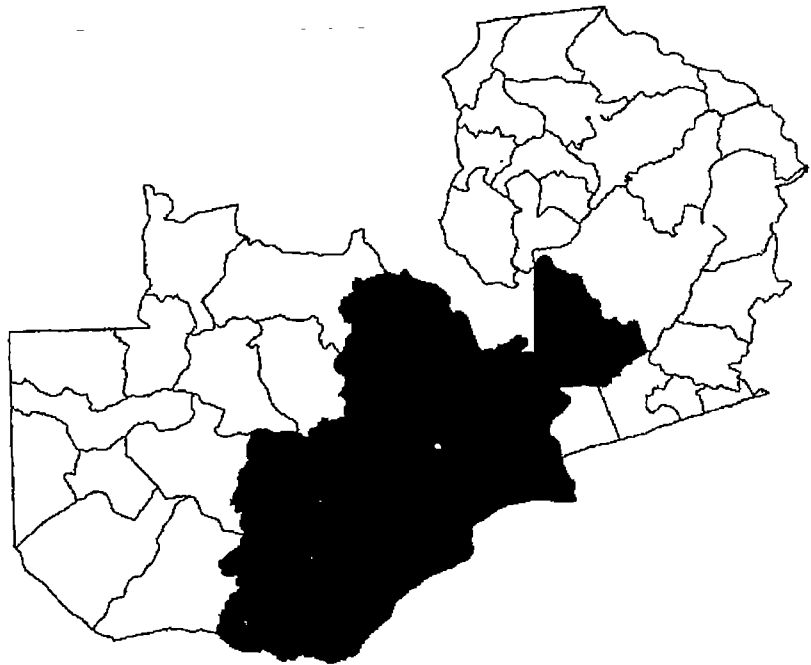


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PROFILE

Since 1985 the Japanese government has been supporting ground water development projects in Zambia. As at March 1996, nearly 700 boreholes have been constructed or rehabilitated in four provinces, namely Southern, Lusaka, Central and Copperbelt. Eight boreholes with faucets are being constructed in George Complex Lusaka.

Community participation, by both men and women during siting and maintenance of boreholes has become major prerequisite. Capacity building of staff of DWA and technology transfer by JICA experts is major component of the assistance and supplemented by training courses in Japan.

Some 77 boreholes sites have been identified for construction in later part of 1996 all in Southern province.

JAPAN INTERNATIONAL CO-OPERATION AGENCY

Yoshinori Ebata

59B Mutandwa Road, Roma

P.O. Box 30027, Lusaka

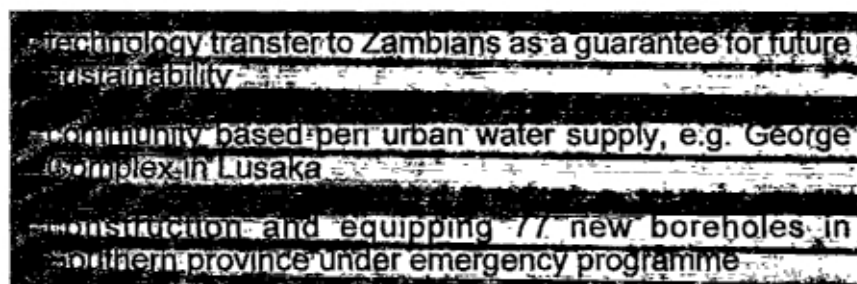
Tel 291075 Fax 292619

The development objective of JICA's ground water development is to supply potable and clean water to rural communities and recently to peri urban areas which suffered a cholera epidemic.

Support for community management and maintenance of boreholes was given to DWA teams in Lusaka, Central and Copperbelt provinces. JICA is investigating possibilities of rendering logistical support for D-WASHE through UN Agency.

JICA's support for activities in the water sector is by grant aid from government to government. Funds are administered by JICA through dispatch counterparts in Japan or third country. A small amount of funding, under the Small Scale Grant Assistance is available to NGO's, community groups Local governments, research institutes, hospitals etc. Application on approved format is made to Embassy of Japan.

Support implementation of National Water Resources Master Plan up to year 2015.

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LOCAL GOVERNMENT SUPPORT PROJECT

AREAS OF OPERATION



ORGANISATION PROFILE

Since 1994

Local Government Support Project has been supporting Ministry of Local Government and Housing at three levels, National, Province and District in the development of human resource management, finance and planning in 61 districts of Zambia within the context of the Public Service Reform Programme.

LOGOSP

Project Manager - J. Woolner

Burton Court, Church Road

P. O. Box 34483

Tel : 254781 Fax : 251760

Capacity building in :

- human resources
- management development
- finance
- planning

Focusing on DDCC and

- finance of Treasury
- administration

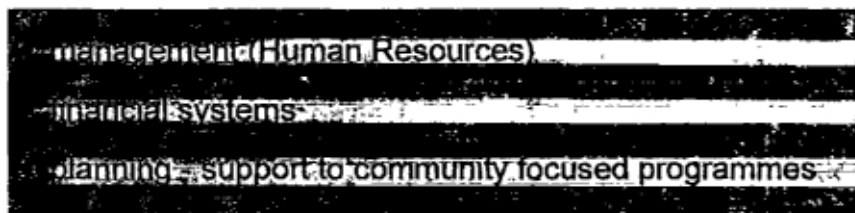
Overseas Development Agency (ODA) funded through Ministry Local Government and Housing

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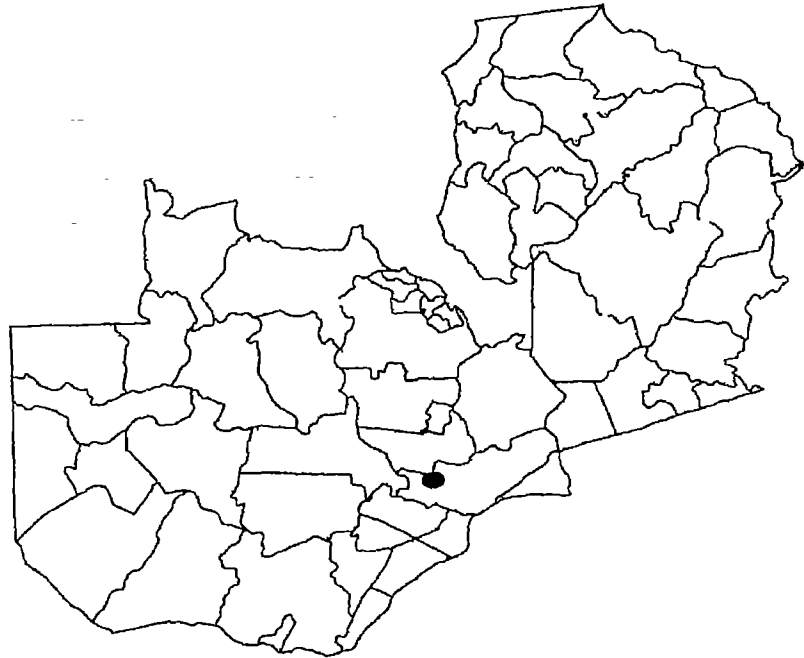
SPECIFIC AREAS OF INTEREST AND EXPERTISE



THE ORGANISATION



AREAS OF OPERATION



ORGANISATION PROFILE

Privatised Lusaka Water and Sewerage Company (LWSC) since 1988, providing a reliable and potable water supply and sanitation facilities for the City of Lusaka.

LUSAKA WATER AND SEWERAGE COMPANY

Mr. W. Shawa (Managing Director)

Red Cross Building Los Angeles Boulevard

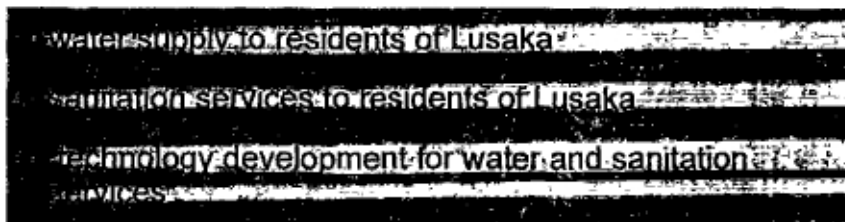
P.O. Box 50198, Lusaka

Tel : 250666 Fax : 252578

To support the principles of WASHE at National Level.
To promote the extension of safe piped water and sanitation facilities throughout Lusaka.

Funding by customer tariff charges for water supply and sanitation services throughout Lusaka.

Continuous.



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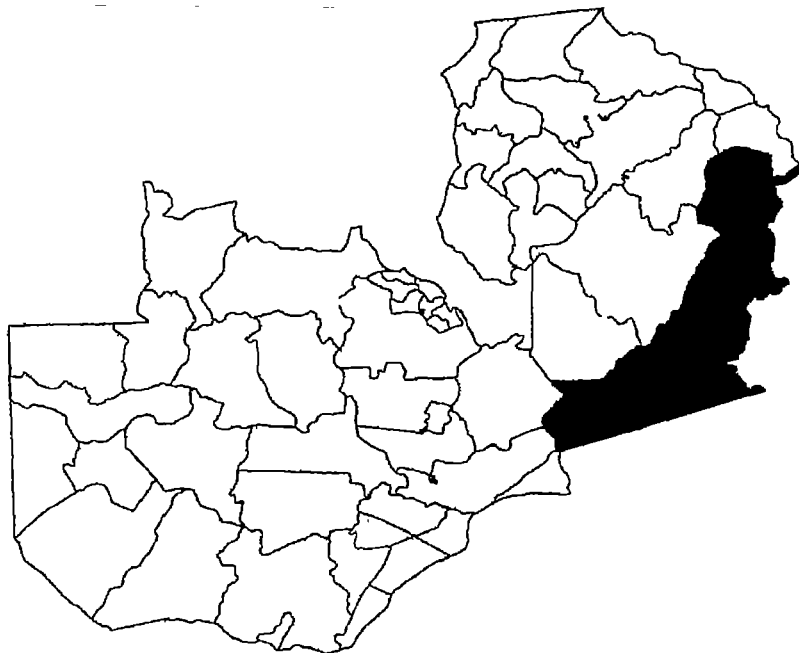
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THE
ORGANISATION

LUTHERAN WORLD FEDERATION

AREAS OF
OPERATION



ORGANISATION
PROFILE

Active in Zambia since 1967, for many years the main focus of LWF/ZCRS work was on assisting the various refugee communities within the country, especially those adversely affected by liberation struggles in neighbouring states. Since the early 1980s, however, that focus has shifted to rural development programmes for Zambians.

The major development project funded by LWF/ZCRS is the regional Rural Community Development and Monitoring Project (RCDM) in the Eastern Province which has worked in rural water supply since 1984. As of the end of September, 1996 all seven districts of the province have been touched by the programme, although the main thrusts in the next five year phase of the project (1996 - 2000) will be in the districts of Chipata, Lundazi, Katete and Chadiza.

LUTHERAN WORLD FEDERATION/ZCRS

Mr. Esa Uitto, Director

LWF/ZCRS National Office, Longolongo Road,

P.O. Box 324023, Lusaka

Tel : 229092 Fax : 224023 email :crs@zamnet.zm

The RCDM Project works directly with local communities to construct and rehabilitate shallow wells as well as educate people in the areas of sanitation, health, and hygiene through the construction of pit latrines.

Project staff are active members of the P-WASHE and D-WASHE committees throughout the Eastern province. The shallow well training programme has trained staff from many churches, NGOs and other organisations within and outside Zambia, not only in construction and rehabilitation techniques, but also in community organisation.

Most funding for LWF/ZCRS comes from national church agencies within the world-wide Lutheran community.

LWF/ZCRS programme will continue rural development assistance at least through the year 2000.

group formation, development education, and community organisation and participation

participation skills in shallow well construction and rehabilitation over 3 000 wells in Zambia since 1984

education and training in sanitation, health, and hygiene including an intensive community-based pit latrine construction programme

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THE ORGANISATION



MINISTRY OF COMMUNITY DEVELOPMENT AND SOCIAL SERVICES

AREAS OF OPERATION



ORGANISATION PROFILE

Since Independence the Department of Community Development has been supporting Self-Help Projects in the Country.

MCDSS, DEPARTMENT OF COMMUNITY DEVELOPMENT

Director

MCDSS, P.O BOX 31958, Lusaka

P.O BOX 31958, Lusaka

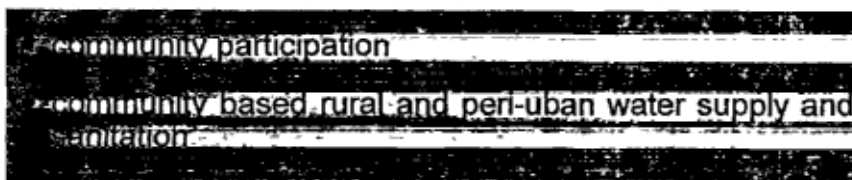
Tel. 221354

The objectives of the Department are :

- (a) to contribute to the creation of a favourable socio-economic environment for sustainable development in the communities
- (b) to intensify and diversify efforts aimed at creating self reliant communities
- (c) to provide and support social safety nets for the poor and vulnerable

Government and donors

Partnership with NGOs



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ORGANISATION

MINISTRY OF FINANCE AND ECONOMIC DEVELOPMENT
MICRO PROJECTS UNIT

AREAS OF
OPERATIONORGANISATION
PROFILE

The Microprojects Unit (MPU) was established in 1991 when the Social Recovery Project joined the existing EEC Microprojects Programme. The MPU is an autonomous unit within the Ministry of Finance and Economic Development, Economic Development and Budget Division.

The MPU finances community based projects which :

- meet a priority need of the majority of the community;
- are identified, planned, implemented, managed and maintained by the beneficiary community; and
- are supported by the relevant sector ministries

The MPU also facilitates capacity building mostly at community level but also at district and provincial levels.

MICROPROJECTS UNIT

Co-ordinators, MPP and SRP

CSO Complex, Nationalist Road

P.O BOX 50268, Lusaka

Tel. 252519/253723 Fax :252522

The MPU supports communities which are prepared to help themselves. Communities must first organise themselves and plan to solve a priority problem before applying to MPU. Projects go through selection processes facilitated by district, provincial and MPU staff before funding is approved. If approved, the communities are assisted with the finances to compliment their input and training in order to implement the project effectively. Over 800 communities have been assisted by the MPU. Although most projects are in the education and health sector, nearly all have a water and sanitation component. The MPU also assists D-WASHE committees with funds to implement community based water and sanitation projects.

The MPU administers funds on behalf of the EU, Lome Conventions II, III and IV, World Bank, IDA credit agreement numbers 2273, 2429 and 2755 ZA; GRZ; the Government of Finland. The MPU funds communities directly. Implementing communities account to the MPU according to budgets agreed by legal financial agreements.

The current World Bank credit agreement and EU funding ends in 2001. The EU funding to the Microprojects Programme, however, will continue as long as the Lome Convention exists. Other credit agreements are likely to be attached to the Social Recovery Project.

THE ORGANISATION
COUNTRY REPRESENTATIVE

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THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE
INVOLVEMENT

community participation
community capacity building and training; and
district training in project planning, appraisal, monitoring and reevaluation

SPECIFIC AREAS OF
INTEREST AND EXPERTISE

THE
ORGANISATION

MINISTRY OF EDUCATION

AREAS OF
OPERATIONORGANISATION
PROFILE

Before independence, schools, more especially in rural areas provided sanitary facilities and hygiene education was taught in home economics and health science subjects.

After independence the Ministry produced materials through C.D.C. for use in schools in the areas of Social Studies, Science and Home-economics. Teacher training colleges used same materials to train student teachers.

Since 1984, the ministry of Education has worked with communities, other line ministries, NGOs and Donors to provide water and sanitation in both rural and urban areas.

MINISTRY OF EDUCATION

Permanent Secretary

Ministry of Education

P.O. Box 50093

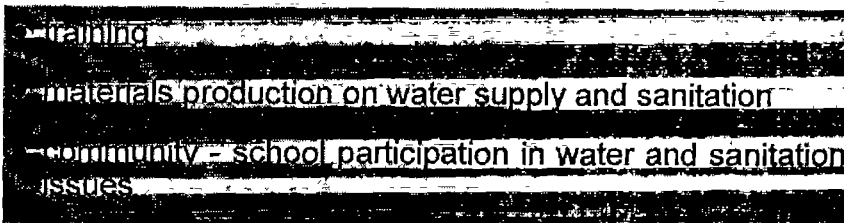
Tel/Fax : 254139/250855

Objectives should be to :

- analyse contact, skills and attitudes involved in education that relate to improved quality of life in communities
- create awareness that relates to immediate and local aspects of development in the communities
- promote self reliance in schools and communities

Government Republic of Zambia (GRZ), Donors and NGOs

Partnership with line ministries, donors and NGOs



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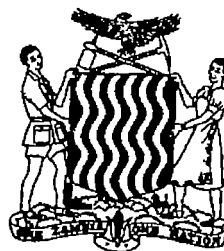
THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE
INVOLVEMENT

SPECIFIC AREAS OF
INTEREST AND EXPERTISE

THE ORGANISATION



MINISTRY OF ENERGY AND WATER DEVELOPMENT

AREAS OF OPERATION



ORGANISATION PROFILE

- to provide adequate, safe and reliable water supply services
- to formulate policy on disbursement of central government grants for operation and maintenance of water supply and sanitation schemes
- ensure that strategic reserves of water treatment chemicals are kept under safe custody
- formulate policy on water tariffs based on the principles of fairness and equity
- to integrate community education, motivation, health and hygiene education and water awareness programmes in development, operation and maintenance of rural water supply and sanitation programmes
- introduction of commercial accounting system as part of improvement programmes in the management of water schemes

MINISTRY OF ENERGY AND WATER DEVELOPMENT

Permanent Secretary, Mr. Romance C. Sampa
 MEWD, P.O BOX 36079, Lusaka
 P.O BOX 36079, Lusaka
 Fax: 252589

THE ORGANISATION
 COUNTRY REPRESENTATIVE
 ADDRESS
 POSTAL ADDRESS
 TEL/FAX/EMAIL

THE APPROACH

Support initiatives at national, provincial, district and community levels that will ensure an effective and efficient management and maintenance of water facilities. Provide leadership in implementing water sector reforms that will lead to the creation of CU to take over the responsibility of providing water and sewerage services. Mobilise resources to curb perpetual droughts that have adversely affected the Southern, Central and Eastern part of Zambia. Monitor the development of standardised educational materials and training of trainers for community based water supply and sanitation programmes

FUNDING MECHANISMS

- i.) GRZ : MEWD/DWA are financed through annual budgetary allocation by MOF and subsequently approved by parliament
- ii.) Donor Support : MEWD/DWA have various on going projects that are financed by donor agencies. Project proposals are prepared by DWA and forwarded to NCDP which then prepares bilateral/multilateral agreements with the concerned donor agencies

PLANNED FUTURE INVOLVEMENT

Develop and implement a national water conservation strategy. Implementation of a well planned delinkage of water resources management functions from water supply and sanitation. Develop emergency and contingency plans to mitigate impacts of drought and floods in rural areas. Carry out a national inventory of all dams/prepare a database for all the dams. Promoting appropriate technology and research activities in rural water supply through standardisation of construction methods, equipment, procedures and other important aspects of appropriate technology. Commercialisation of the drilling section. Continue to participate in the implementation of the Public Service Reform Programme that is aimed at streamlining the operations of the civil service so as to make it more responsive to the new economic environment.

SPECIFIC AREAS OF INTEREST AND EXPERTISE

operations and maintenance of piped water supplies
 policy formulation and analysis
 dam design and water quality management

THE
ORGANISATION

MINISTRY OF HEALTH

AREAS OF
OPERATIONORGANISATION
PROFILE

- government ministry responsible for health policy and guidelines including presentation of proposed health legislation
- advocacy and health promotion
- capacity building at various levels to build capacity for community involvement in health promotion programmes
- institutional collaboration to effect inter-sectoral integration

MINISTRY OF HEALTH

Permanent Secretary

Woodgate House, Cairo Road

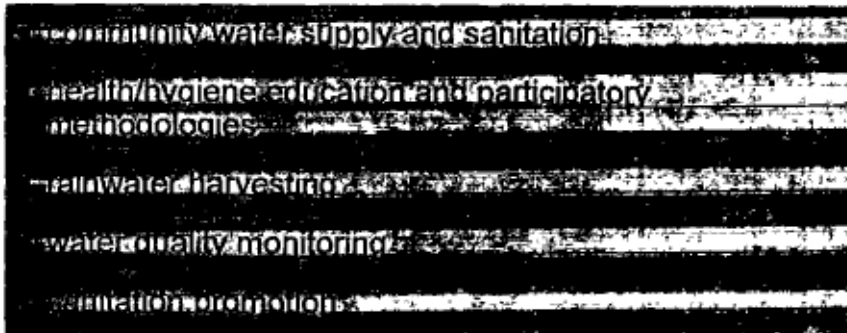
P. O. Box 30205, Lusaka

Tel : 227745/8 Fax : 223435

Collaboration with other sectors to promote water supply and sanitation programmes for the sector to impact positively on health

Through District Health Boards

Countrywide



THE ORGANISATION

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THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE INVOLVEMENT

SPECIFIC AREAS OF INTEREST AND EXPERTISE

THE ORGANISATION



MINISTRY OF FINANCE AND ECONOMIC DEVELOPMENT
NATIONAL AUTHORISING OFFICER

AREAS OF OPERATION



ORGANISATION PROFILE

The National Authorising Office administers European Development Fund grant aid to Zambia, acting in Liaison with the developing of the European Commission and with the public and private sectors in Zambia.

NAO OF THE EUROPEAN DEVELOPMENT FUND

NAO - PS Budget and Economic Affairs, MOF

Ministry of Finance and Economic Development

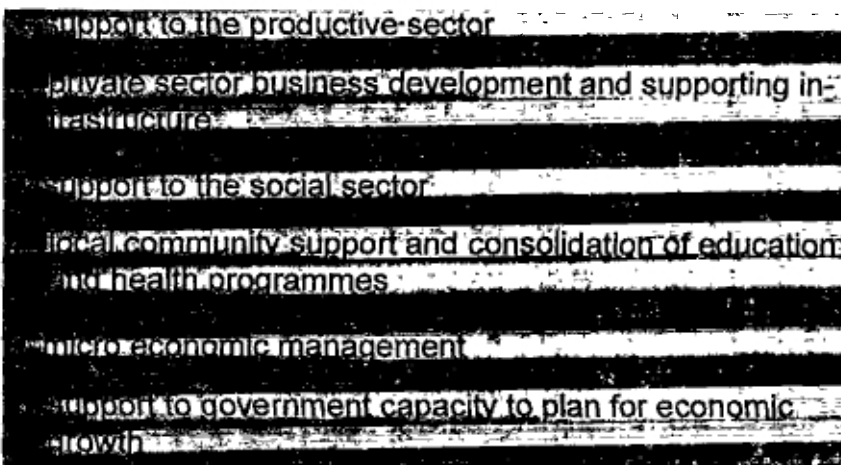
P.O. Box 50268, Lusaka

Tel : 250828/874 Fax : 254563 email : nao@zamnet.zm

Funding is disbursed either under contract to companies and government organisations (annual water programmes), or through credit provision administered by fund managers and representative associations.

EDF grant aid funds. Currently closing out the 7th EDF and finalising the next 5 year programme to 2000/2001.

National indication programme, 8th EDF



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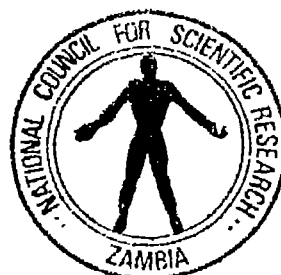
THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE
INVOLVEMENT

SPECIFIC AREAS OF
INTEREST AND EXPERTISE

THE ORGANISATION



AREAS OF OPERATION



ORGANISATION PROFILE

Since inception in 1967 the NCSR through its Water Resources Research Unit (WRRU) has been involved in matters of water quality and quantity monitoring including environmental monitoring and protection. The main areas include :

1. River basin catchment studies
2. Water quality monitoring (surface & ground)
3. Aqua privy research
4. Environmental monitoring
5. Environmental protection and pollution control
6. Low cost potable water treatment technology

NATIONAL COUNCIL FOR SCIENTIFIC RESEARCH

The Secretary General

Lusaka International Airport Road, Lusaka

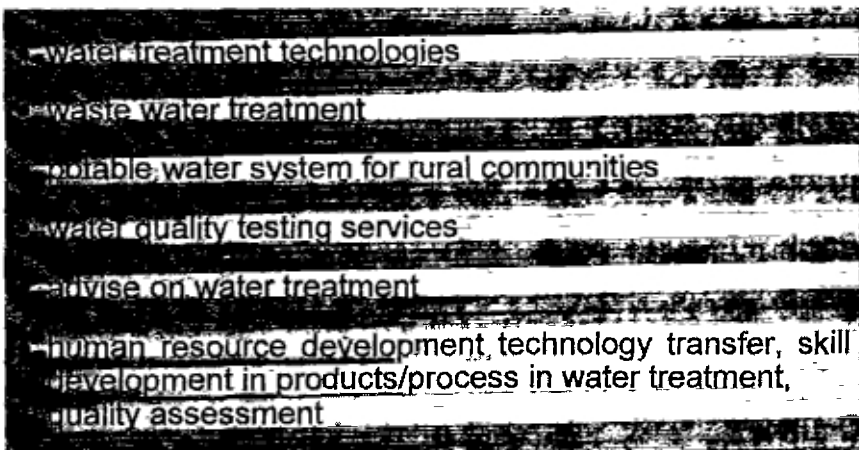
P.O BOX 310158, 15302 Chelston

Tel. 281081/6 Fax: 283502/283533

The development objective of the NCSR for the Water Supply and Sanitation Sector is to assess the quality and quantity of water including effluent discharge and also provide solutions to problems of sanitation and potable water supply to the low income groups in the peri-urban and rural areas of Zambia through technology development and adaptation.

Government grants have been used in all aspects of its activities in water supply and sanitation.

To expand in the area of technology development in water supply and sanitation especially for the poor peri-urban and rural communities. Waste water and waste treatment technologies for quality environment.



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THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE INVOLVEMENT

SPECIFIC AREAS OF INTEREST AND EXPERTISE

THE
ORGANISATIONN-WASHE CO-ORDINATION
AND TRAINING TEAMAREAS OF
OPERATIONORGANISATION
PROFILE

- N-WASHE was established in April 1996
- N-WASHE consists of the national co-ordinator, Health planner, RWSS Technical Specialist, Sociologist and Support Facilitators, supported by Administrative staff
- Since its formation in April 1996, it has facilitated the formation/revival of 13 D-WASHE committees including Kasama, Isoka, Nakonde, Mbala, Kaputa, Nyimba, Katete, Chadiza, Chipata, Mazabuka, Monze and Sinazongwe
- N-WASHE intends to support the formation of D-WASHE committees in all districts in Zambia

NATIONAL WASHE CO-ORDINATING AND TRAINING TEAM

Mr. Isaac Mbewe, Co-ordinator

8th Floor, Indeco House, Cairo Road, Lusaka

N-WASHE, P/B RW 124X, Lusaka

Tel : 226941/2, 238438/9 FAX : 226905

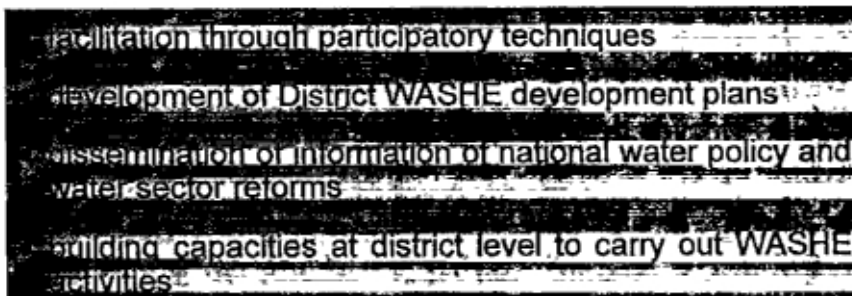
e-mail : cmmu1@zamnet.zm.

The National WASHE Co-ordinating and Training Team (N-WASHE) advocates the integration of water, sanitation health/hygiene education for sustainable development in rural water supply and sanitation facilities.

N-WASHE helps to build capacity at all levels, with a focus at district level, through facilitating intersectoral decision making, planning, prioritisation, co-operation and sharing of resources during the implementation and maintenance phase. N-WASHE promotes participatory approaches to operation and maintenance, management and monitoring of RWSS.

N-WASHE is funded by Irish Aid through a grant aid from government to government.

Current phase of Irish Aid funding ends on 31/12/96, but after review, N-WASHE hope to cover the whole country within 3 years



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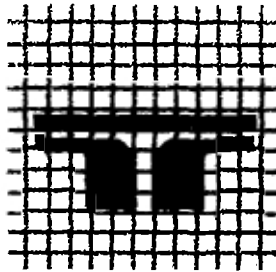
THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE INVOLVEMENT

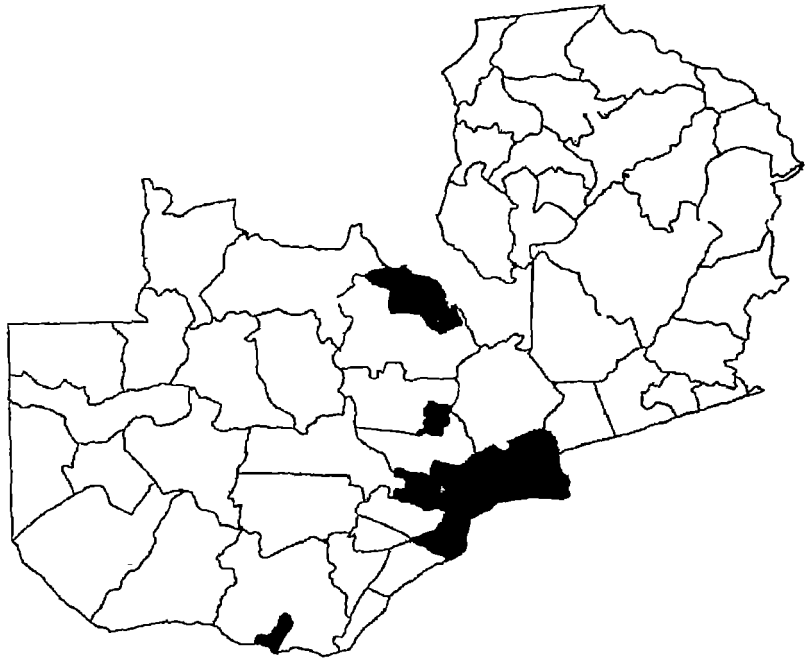
SPECIFIC AREAS OF INTEREST AND EXPERTISE

THE ORGANISATION



**NICHOLAS
O'DWYER AND
PARTNERS**

AREAS OF OPERATION



ORGANISATION PROFILE

Nicholas O'Dwyer and Partners has been providing professional independent consultancy services to major Government, parastatal, private companies and lately to NGO's and Donor Communities for the past 25 years.

Nicholas O'Dwyer and Partners provides expert design and supervision services, feasibility studies in water supply and distribution and sewerage collection and treatment.

NICHOLAS O'DWYER AND PARTNERS

Mr. Richard Annett
JJ Lowe Supertos Compound on Chandwe
Musonda/Lumumba Road
P.O. Box 30160, Lusaka
Tel : 224446/34 Fax : 264381 email :
nodzam@zamnet.zm

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Ordinarily the approach is made by those requiring the services of the competent professional engineering consultants.

THE APPROACH

We then obtain or investigate the "clients" terms of reference a quotation is provided to cover the provision set out in the terms of reference if acceptable to the client this then forms the basis of contract

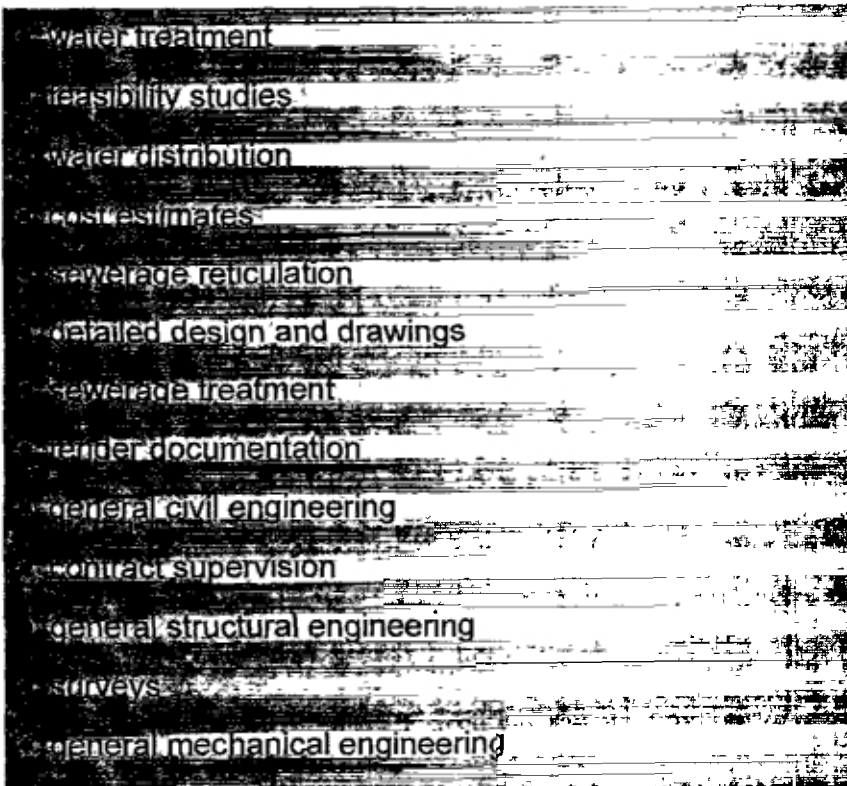
We provide quotes for carrying out all our expertise services. If accepted these are normally paid to an agreed schedule. In addition though private financiers we are willing to search for funds for infrastructure projects to the figure of 40m\$

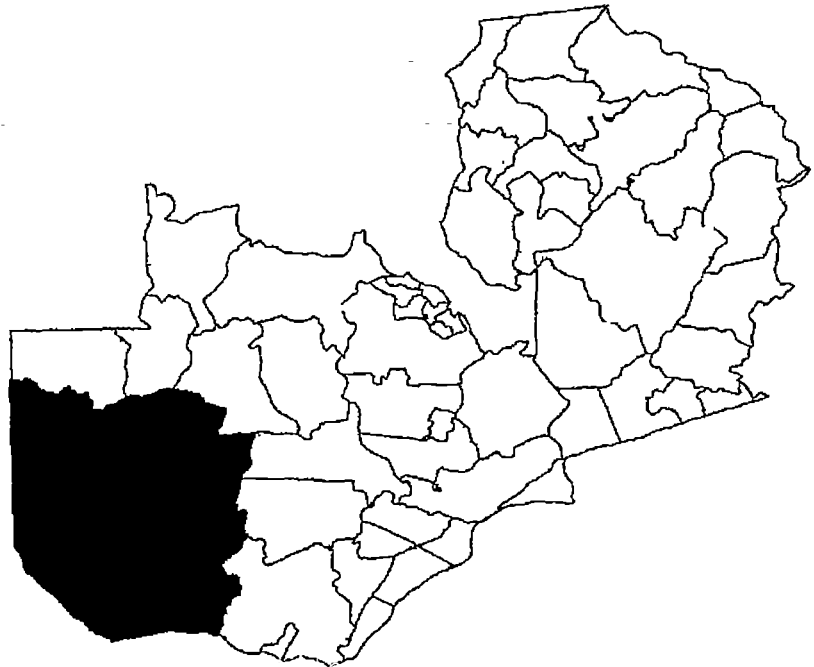
FUNDING MECHANISMS

As much as possible

PLANNED FUTURE INVOLVEMENT

SPECIFIC AREAS OF INTEREST AND EXPERTISE



THE
ORGANISATION**Royal Norwegian
Embassy**AREAS OF
OPERATIONORGANISATION
PROFILE

NORAD has supported the Water Supply programme in Western Province since 1977

The main components of the programme :

- construction and maintenance of approximately 1 000 wells and boreholes in rural areas
- rehabilitation and maintenance of water supply in Mongu Municipality and seven smaller townships
- community education and participation (CEP)
- sanitation - improvement of standposts
- development/construction of latrines
- organisational strengthening (WASHE Committees)

Since 1995 NORAD has supported a Water Sector Reforms Programme, with the objective of establishing a new and more efficient National Water Supply and Sanitation Policy. Focus on cost recovery and decentralisation at all levels of society.

NORAD

Royal Norwegian Embassy

Corner : Birdcage Walk/Haili Selassie Avenue

P.O. Box 34570, Lusaka

Tel : 252188 Fax : 253915

The objective of NORAD assistance is to establish sustainable clean water supply systems in both rural and urban areas :

- in rural areas through education and institutional support to establish WASHE-Committees and commitment at grass root level in general, in order to sustain supply health, water supply and sanitation
- in urban areas through capacity building and creation of independent water supply and sewerage companies to establish commercially viable water supply and sewerage systems

The NORAD funding is grants from the Norwegian government :

- ZAM 007 support to Western Province
- ZAM 061 support to the Water Sector Reform Programme
- URWSP support to rehabilitation of water wells in 9 towns parallel financed with the World Bank

The Support to ZAM 061 and URWSP will be continued.

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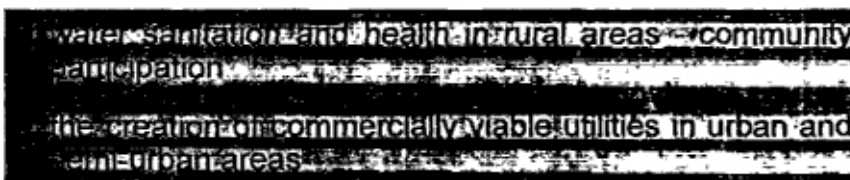
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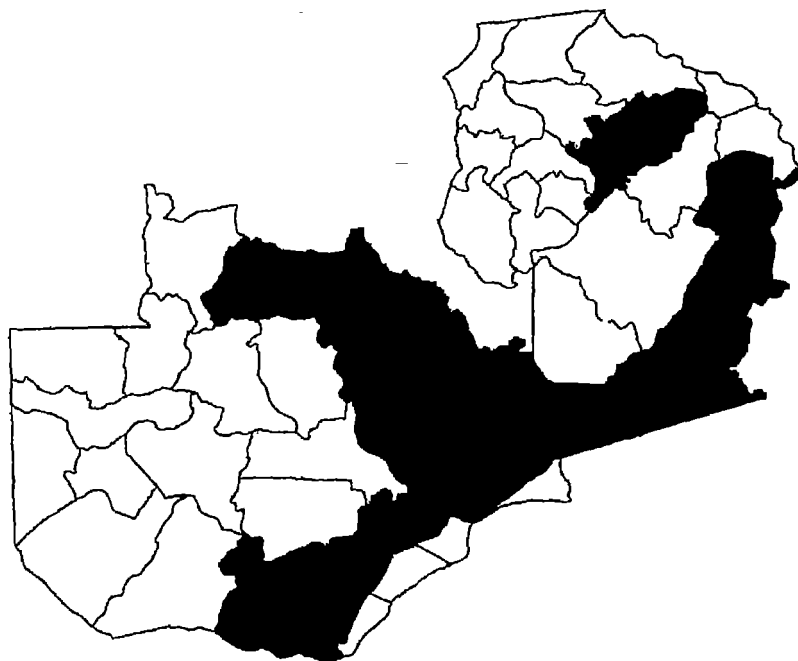
THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE INVOLVEMENT

SPECIFIC AREAS OF INTEREST AND EXPERTISE



THE
ORGANISATIONAREAS OF
OPERATIONORGANISATION
PROFILE

Established in the early 1980's North Atlantic Engineering Consultants have grown steadily over the years, and presently employ 9 technical staff. The firm provides comprehensive engineering services in the fields of :

- water, sanitation, mechanical and electrical engineering
- the services include :
- pre-project planning
 - project support
 - project documentation
 - construction implementation, and
 - post-contract management, and training

NORTH ATLANTIC ENGINEERING CONSULTANTS

Mr. Jamshid Yazahmeidi, Director/Engineer

9th Floor, Kulima Tower, Katunjila Road, Lusaka

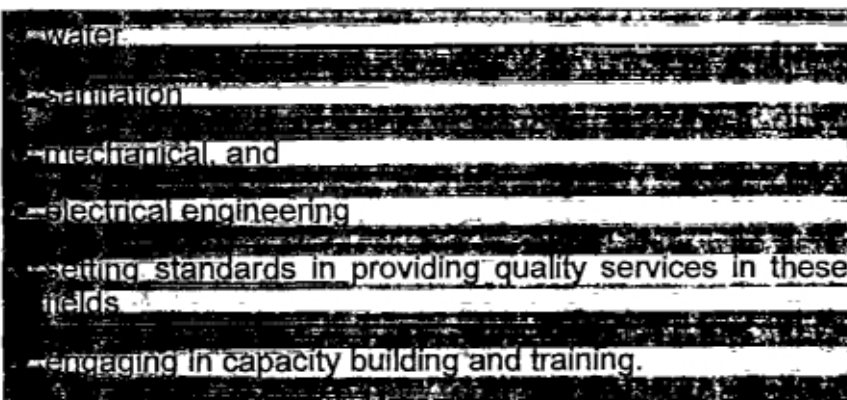
P.O BOX 37341, Lusaka

Tel. 225022 Fax: 223682, E-mail: naecz@zamnet.zm

North Atlantic Engineering Consultants has a corporate policy of progressive growth and the establishment of a dynamic professional team of engineers. An individualised integrated training programme has been instituted with specific object of establishment of a comprehensive indigenous design capability.

Projects handled by North Atlantic have been funded by government and parastatal organisations, private sector, World Bank, ADB, and many donor agencies. North Atlantic is capable of organising funds for certain infrastructure development projects especially in the field of power generation.

North Atlantic was funded in Zambia and will continue providing quality services to the country.



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FUNDING MECHANISMS

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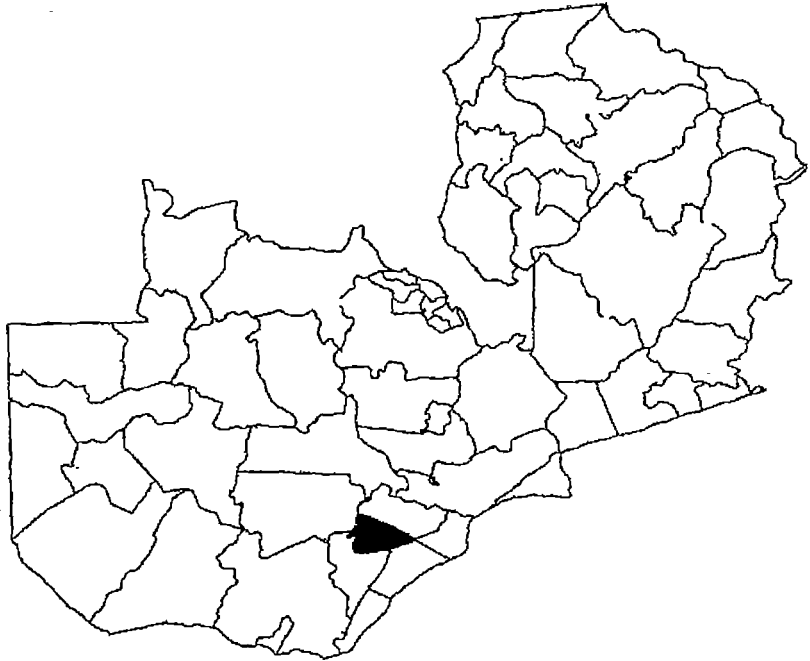
SPECIFIC AREAS OF
INTEREST AND EXPERTISE

THE ORGANISATION



ODA

AREAS OF OPERATION



ORGANISATION PROFILE

The British Government's Overseas Administration Administration has maintained a substantial aid programme for Zambia.

In the last four years alone, a total of £150 million in aid has been provided.

The bilateral programme focuses mainly on the following areas :

- economic reform
- good government
- direct poverty reduction
- human resource development (e.g. health and education)

Drought related assistance has also been provided as and when appropriate.

OVERSEAS DEVELOPMENT ADMINISTRATION (UK)

Mr. Michael Murray, 1st Secretary

British High Commission, Independence Avenue, Lusaka

P.O. Box 500050, Lusaka

Tel : 251133 Fax : 253798

The Overseas Administration's strategy is to :

- alleviate the amount of suffering of the most vulnerable drought affected people
- develop a programme of activities aimed at improving water security and building the capacity of government, NGOs or community based organisations

In addition the ODA is supporting - through its UK operated Joint Funding Scheme and an International NGO - the development of the Monze District WASHE Committee.

Limited funds are available for drought mitigation, prevention and preparedness activities in the Southern Province. Applications from reorganised NGOs via the British High Commission Lusaka, or direct to the ODA's regional office in Harare, Zimbabwe (P.O. Box 1030). Subject to the availability of funds and the suitability of a project application, support will be provided in the form of a grant.

The current strategy lasts until 1999, but is likely to be continued

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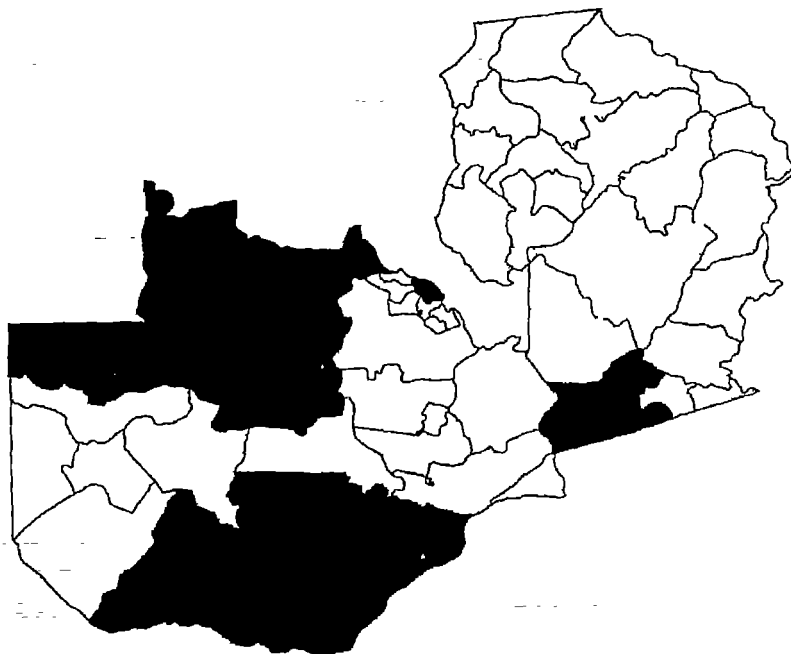
SPECIFIC AREAS OF
INTEREST AND EXPERTISE

community development/ capacity building
development of WASHE Committees

THE ORGANISATION



AREAS OF OPERATION



ORGANISATION PROFILE

Oxfam has been involved in Zambia since the early 1960s. In 1980 the organisation established a permanent presence in the capital. Oxfam works at two levels, throughout the country by supporting organisations that have a national spread, and also directly with the grassroots communities. Oxfam's geographical focus is North Western, Eastern, Southern and Copperbelt provinces. The country programmes include emergency development and advocacy work.

Since 1982 Oxfam has assisted the following areas with the provision of water by constructing boreholes and wells.

Eastern province i.e.. Nyimba and Petauke

Western province Sichuli water wells

Copperbelt province Mufulira (Kawama compound)

OXFAM ZAMBIA

Ms Lucy M. Muyoyeta

Plot No. 250 Zambezi Road Roma

P.O. Box 35624, Lusaka

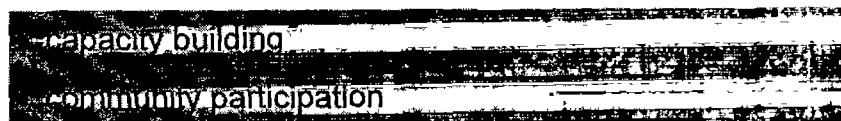
Tel : 291518/292070 Fax : 292496

email : oxfam2@zamnet.zm

The developmental objective of Oxfam (Z) in the sector of water and sanitation is to assist the rural/peri-urban communities in helping themselves improve their water supply by provision of materials, equipment and render technical know how for the construction of water wells or boreholes. Community participation and contribution are encouraged. The water teams are encouraged to work together with D-WASHE in their respective areas. Health education is encouraged to improve the communities understanding of water borne diseases.

Oxfam (Z) support is through grant aid.

As need arises.



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THE APPROACH

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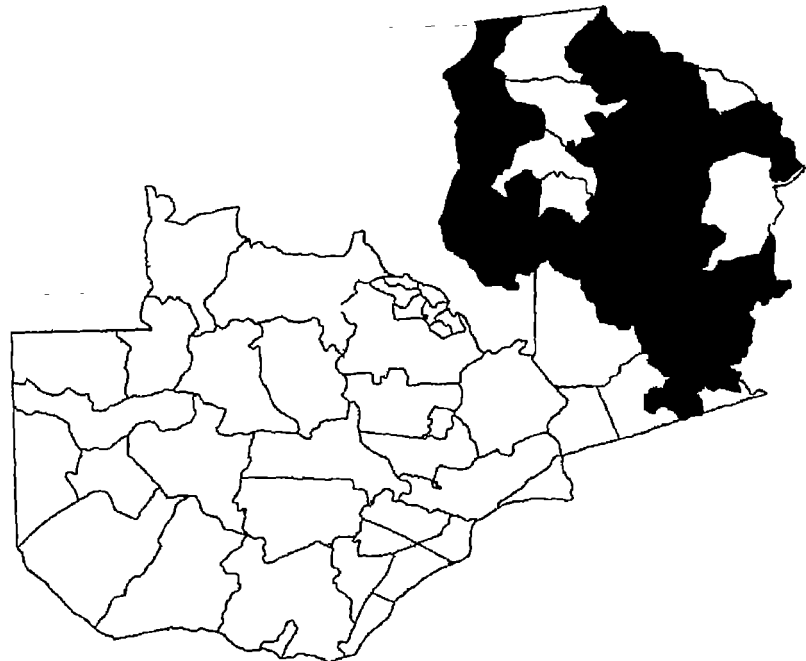
PLANNED FUTURE INVOLVEMENT

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THE ORGANISATION



AREAS OF OPERATION



ORGANISATION PROFILE

Peace Corps began operations in Zambia with the arrival of twelve Volunteers in the country in January 1994. The organisation envisions a program of approximately 70 to 80 volunteers in Zambia in three or four principle projects which includes water and sanitation. The keystone of the project is to encourage and support grassroots efforts by providing organisational and technical assistance for water and sanitation projects, and for health hygiene education, which will have a direct impact at the community level, especially on the health and welfare of women and children.

Since 1994, Peace Corps Volunteers have been working with local community leaders in the areas of health, water and sanitation. The main focus is on community health education, concerning water borne diseases, and construction and rehabilitation of hand dug wells and latrines in rural areas of Luapula, Eastern and Northern Provinces. Volunteers continue to support the WASHE initiative at all levels (national, district and village levels).

PEACE CORPS ZAMBIA

Mr. Mark Vander Vort

Plot 71A Kabulonga Road, Kabulonga, Lusaka
(Opposite Kabulonga Boys Secondary School)

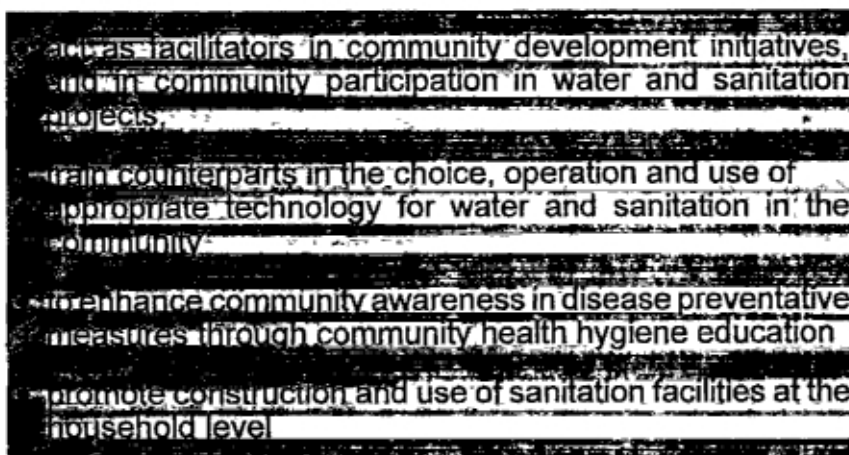
P.O. Box 50707, Lusaka
Tel : 260377 Fax : 260685 email : pczambia@zamnet.zm

Peace Corps provides technical assistance (human resources) by sending qualified Volunteers to work on village-based water and sanitation development projects in Luapula, Eastern and Northern provinces. Peace Corps concentrates most of its efforts on rural development and adheres to a philosophy of :

- helping people help themselves through community participation in needs identification, planning and implementation of projects;
- capacity building, emphasising the transfer of skills to host country counterparts at national and village levels;
- use of appropriate (user acceptable) technology

Peace Corps is a people to people assistance program and has no project funding in its own budget. Volunteers can assist communities in seeking funding from donor sources for community based, technically appropriate projects.

Current support initiative in the water sector continues with expansion in other development fields (Aquaculture and Community health Education).



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THE
ORGANISATION*Price Waterhouse*AREAS OF
OPERATIONORGANISATION
PROFILE

Price Waterhouse (PW) has been in Zambia for forty years, and currently has three partners and over sixty full time resident staff. We provide a broad range of services under three main service lines:

- audit and business advisory services
- corporate reconstruction and insolvency
- management consultancy services (MSC)

Services to the water sector are mainly provided by MSC.

Within the MCS service line in Zambia there are consultants with specialist knowledge in the following disciplines :

- financial systems, procedures and analysis
- human resources
- information technology
- institutional restructuring and reform

The Zambian office is part of the Price Waterhouse East and Central Africa practice, and this enables it to draw from a large pool of experience in the social, political and economic issues that exist within the region. It is also part of the world-wide network of PW, one of the world's leading professional business advisory services firms, which has over 50,000 members of staff world-wide.

PRICE WATERHOUSE

Nick Allen, Partner

National Savings and Credit Bank Building

P.O BOX 30942, Lusaka

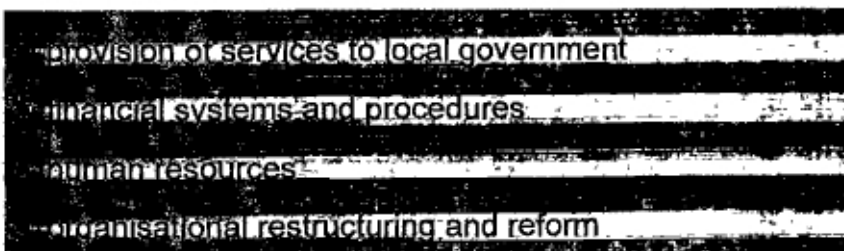
Tel. 228809/228810/220782/220778

Price Waterhouse provides consultancy services aimed at meeting the Government's objective of establishing, throughout the country, Commercial Utilities which have responsibility for the provision of water supply and sanitation services. To this end, the consultancy areas that we particularly focus on are :

- institutional
- financial
- human resources
- economics/social impact

Projects that we perform are for the Ministry of Local Government and Housing through the Department of Infrastructure Support Services, in conjunction with the Programme Co-ordination Unit. The projects are funded by variety of donors.

We are currently performing water sector related projects in the Southern and Copperbelt Provinces



THE ORGANISATION
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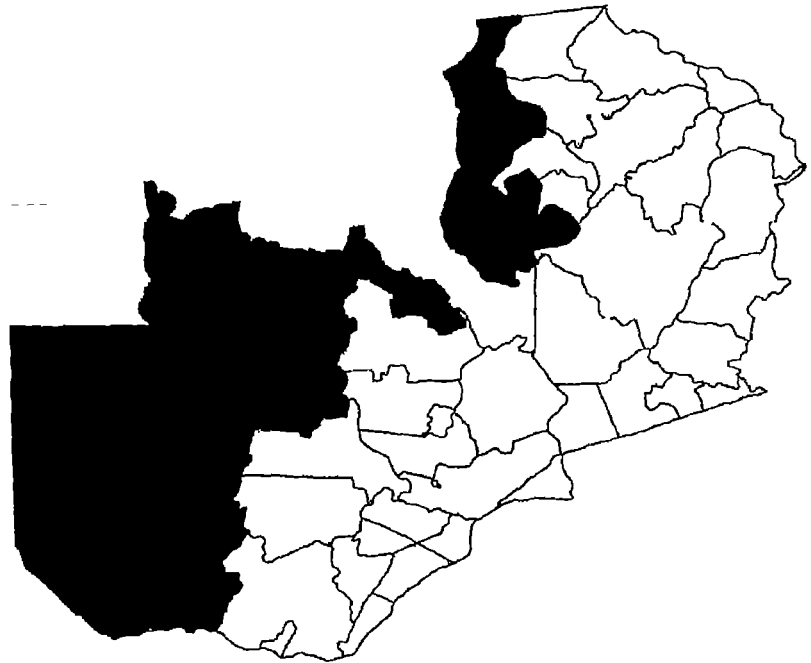
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THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE
 INVOLVEMENT

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THE
ORGANISATIONAREAS OF
OPERATIONORGANISATION
PROFILE

SNV was founded in 1965 and started her activities in Zambia in 1966. SNV-Zambia's objective is to increase the social, political and economical empowerment of groups of poor, disadvantaged and oppressed people, with specific attention to gender (in) equality and environmental sustainability. To achieve this objective, SNV collaborates with organisations in Zambia who make efforts to improve the situation of the target groups. The programme concentrates in three provinces. The main areas of support are :

- institutional support and capacity building at District and Provincial level. (DPU, PPU, Departments and NGOs)
- sectorial support to address basic needs : water and sanitation, health, fisheries
- management of natural resources : forestry, agriculture and fisheries

SNV-ZAMBIA

Mr. Piet Van Ommeren

7 Nkanchibaya Road, Rodes Park, Lusaka

P.O. Box 31771, Lusaka

Tel : 255174/5 Fax : 255176

The overall objective of the Rural Water for Health Project under SNV-Zambia programme is to provide facilities with the aim to improve the health and living conditions of the rural population in Kasempa, Solwezi and Mwinilunga Districts. The project is implemented by the Department of Water Affairs assisted by the Ministry of Health and the Department of Community Development. Rural communities are assisted to establish their own improved water and sanitation facilities. Technical assistance and training are the main components of the project. Since North Western Province has been designed as pilot area of the water sector reforms the RWHP is involved in developing the institutional capacity of the sector.

The Rural Water for Health Project is funded by the Netherlands Government. SNV-Zambia can provide personnel support (recruited of wages) and can mediate between donors (Netherlands Government, HIVOS, IFAD, etc.) and recipients to acquire project funds.

Rural Water for Health Project phase III will end in 1999. The technical Aid Agreement between SNV-Zambia and the Government of the Republic of Zambia does not indicate a limited period of assistance.

THE ORGANISATION
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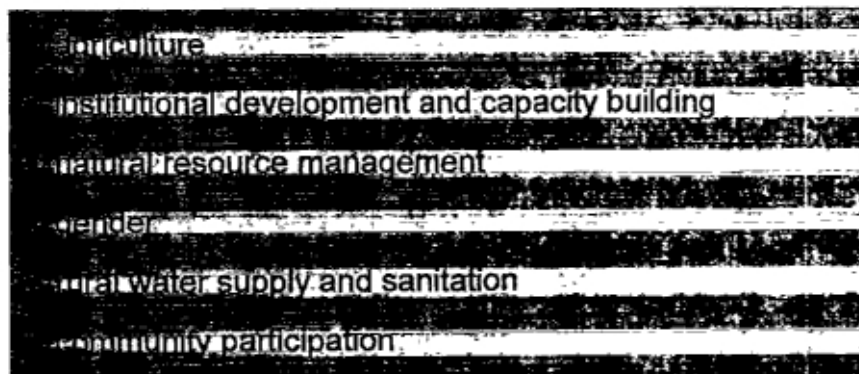
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THE APPROACH

FUNDING MECHANISMS

PLANNED FUTURE
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SPECIFIC AREAS OF
INTEREST AND EXPERTISE



THE ORGANISATION



AREAS OF OPERATION



ORGANISATION PROFILE

Established in 1975 as part of the school of engineering with the aim of encouraging local production of equipment and provision of services of the Zambian society.

Technology and development work has been carried out by TDAU in the fields of :

- renewable energy
- water supply and sanitation
- seed and grain treatment
- food processing
- animal draught power

TECHNOLOGY DEVELOPMENT AND ADVISORY UNIT

Dr A. W. K. Tembo, Manager

University of Zambia

P. O. Box 32379, Lusaka

Tel : 293869 Fax : 260 - 1 - 253952

The organisation was established to carry out feasibility studies and recommend on the local manufacturing of prototype equipment for agriculture and household use.

The Unit caters for small to medium scale farmers, small and medium scale entrepreneurs.

Receives funds through donor agencies, United Nations and from projects carried out by the Unit itself.

A limited amount of Government support is also available to TDAU through the University of Zambia.

National centre for design and manufacturing

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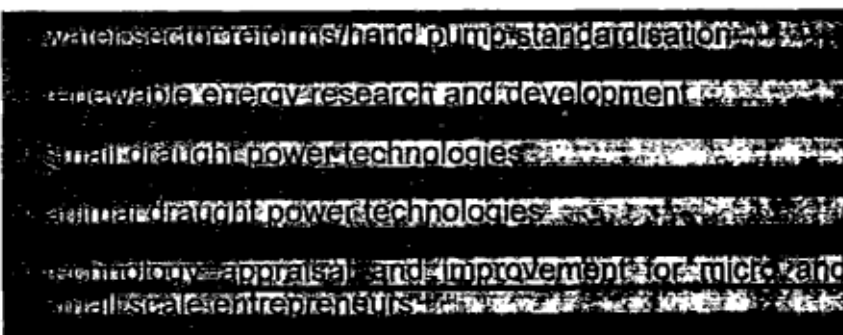
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THE ORGANISATION



United Nations Children's Fund

AREAS OF OPERATION



ORGANISATION PROFILE

Guided by the UN Convention on the Rights of the Child (CRC), UNICEF is mandated to advocate for the protection of children's rights, to help meet their basic needs to expand their opportunities to meet their full potential. In many countries, including Zambia, lack of access to safe drinking water and sanitation contributes to the unacceptably high levels of infant, child and maternal morbidity and mortality. In addition, women and children, particularly girls, spend long hours fetching and carrying water.

UNICEF's involvement with water and sanitation projects in Zambia began during the drought of 1992/3 and has continued as an integral part of the country programme since 1995. UNICEF has supported the establishment of CMMU, the strengthening of district WASHE committees, and the implementation of community based water and sanitation projects in Southern and Eastern Provinces.

UNITED NATIONS CHILDREN'S FUND (UNICEF)

Mark Stirling
 UN Common Premises, Alick Nkata Avenue
 P.O. Box 33610, Lusaka
 Tel : 252416/7 253621 Fax : 253389
 email : mstirling@unicef.zm or smathur@unicef.zm

UNICEF's goal for the water and sanitation sector is to "contribute to a reduction in morbidity and mortality due to diseases associated with inadequate water supplies and sanitation and poor hygiene practices; and to reduce the time and energy expenditures of women and young girls on the collection of water. UNICEF advocates for the achievement of a "minimum WASHE package" in all communities, including :

- a) access to safe, convenient and reliable water supply;
- b) knowledge and practice of safe water handling and storage;
- c) adequate household sanitary facilities for excreta disposal; and
- d) improved personal and domestic hygiene practices.

UNICEF assistance is programmed to : Support the development of national policies and guidelines on how to plan, manage and evaluate WASHE interventions.

Advocate for accelerated action to increase access to sanitary facilities and improved hygiene practices. Strengthen the capacities of district WASHE Committees to identify needs, develop, co-ordinate and monitor the Implementation of district WASHE plans.

Provide financial and technical support for the implementation of community based WASHE projects.

UNICEF support for WASHE is provided in the form of grant aid to the Government of Zambia. Within the framework of the GRZ/UNICEF Programme of Co-operation for 1997-2001, funding is available to NGOs to support the implementation of District and Community WASHE plans within selected districts in Eastern and Southern Provinces

The current Programme of Co-operation ends in 1996 and a new cycle will start from 1997 and end in 2001.

THE ORGANISATION

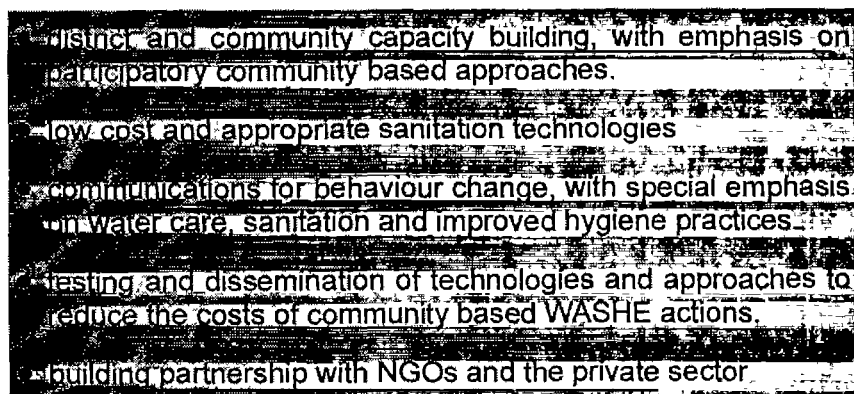
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AREAS OF OPERATION



ORGANISATION PROFILE

UNDP is the world's largest multilateral technical assistance programme. UNDP has its Headquarters in New York and field offices in over 150 countries including Zambia. In co-operation with developing countries, UNDP undertakes projects to strengthen national capacity to identify its own human development choices and to address poverty eradication. UNDP has been operating in Zambia since its establishment in 1965.

UNITED NATIONS DEVELOPMENT PROGRAMME

Mr. Gray E. Davis

Plot No. 9350, Alick Nkhata Road

P.O. Box 31966, Lusaka

Tel : 250800 Fax : 253805 email F.O.Zam@UNDP.org.

In Zambia, UNDP works closely with the Government to formulate a five-year programme in harmony with national development plans and objectives, for which development assistance focuses on poverty eradication. UNDP provides support to agreed programmes in the development and integrated development of water resources. The programme also addresses capacity building aspects.

UNDP support for activities in the water sector is by grant aid to Government and public institutions.

The 6th Cycle of the Country Programme starts in January, 1997.

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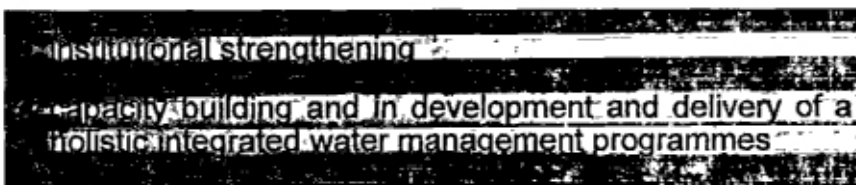
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THE ORGANISATION



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ORGANISATION PROFILE

"The village users, the village maintains"

This is the basis of VERGNET's specific approach placing emphasis on a policy of service. The company was founded by Mac Vergnet after 20 years of field experience in the Rural Water Sector working with funding agencies, local authorities and NGOs and has always recommended a Decentralised Community Based Policy through private sector support of the water point maintenance.

VERGNET HYDROPUMP- RURAL WATER SUPPLIER SINCE 1975

Blackwood Hodge(Z) Ltd

Independence Avenue

P.O. Box 22700, kitwe

Tel : 210055/210937/210279/215014

Fax : 214438/210436 email : vergnet@aol.com

With around 40.000 hydropumps installed primarily in Africa and supplying water to 20 million people, VERGNET's principal of hydraulic transmission avoiding rod linkages ensures

- a lighter pump : assembly and disassembly with no lifting equipment in no more than a few minutes
- easily accessible wearing parts, located at ground level, a village caretaker can maintain a pump with just a simple flat spanner
- resistance against costs : the pump has the lowest maintenance costs on the market well within a village level budget and all pump models use the same wearing parts

With manufacturing sourced in France and UK (planned in Southern Africa) VERGNET is well placed to fulfil any Aid related assistance including the local installation and maintenance training which VERGNET understands is a necessary and ongoing part of the supplier's responsibility. Existing sites have been funded by Fre'res des Hommes

As part of its local building policy, VERGNET has set up decentralised operational backup service in more than 35 countries which ensure that the VERGNET Hydropump follows the requirements of the VLOM (Village Operation and maintenance of Management concept) to the latter. In Zambia local stocks of pumps and spares under the control of CMMU

in Kabanana with the Lusaka Provincial Water Engineer for the HPV60 (for depths to 60m)
in Siavonga for the HPV 100 (for depths to 100m)

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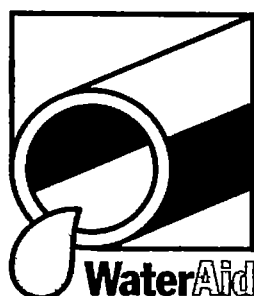
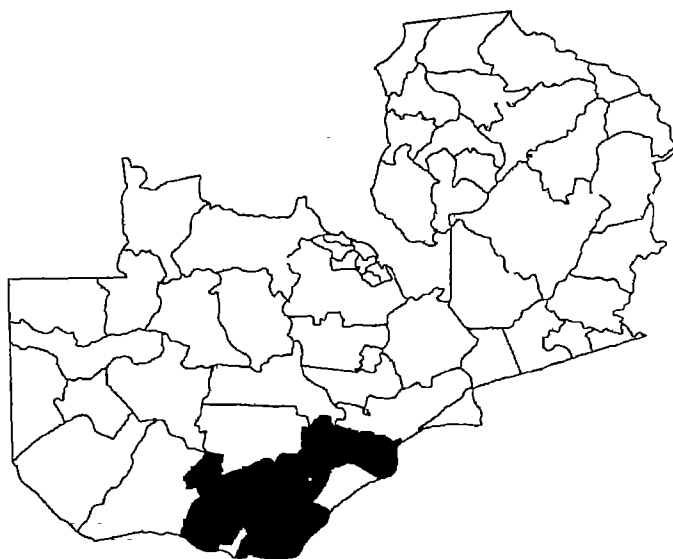
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PROFILE

WaterAid has been supporting local partner organisations in Southern Province since 1994. The main items of the programme are :

- technical and managerial advice to local partner organisations in the water/sanitation sector
- capacity building and training for partner organisations
- provision of materials, equipment and transport for water and sanitation projects
- support to WASHE in Zambia through active participation in WASHE committees and assistance (i.e. with planning and co-ordinating WASHE activities)

WaterAid's partners in 1996 include :

- Monze Diocese Development Education Programme in Chivuna, Kasiya andimba
- Gwembe South Development Project/Sinazongwe D-WASHE
- Department of Health, Monze D-WASHE
- Siavonga D-WASHE

WATERAID

Robert Smith

Off Livingstone Road, Monze

P. O. Box 660104, Monze

Tel/Fax : 032 50930 email : wateraid@zamnet.zm

WaterAid is not an implementing agency. However, as a donor we provide comprehensive technical support to local partner organisations, including attachment of a full-time advisor where necessary, project management remains the responsibility of the implementing agency.

WaterAid promotes community management, the integration of water, sanitation and hygiene education activities, and the use of low-cost appropriate technology.

WaterAid support is provided primarily in the form of materials and equipment. Funds originate from Wateraid UK as well as multi lateral sources. The support is usually jointly administered by WaterAid and its partners.

A multi-year expanding programme is envisaged. No end date has been set.

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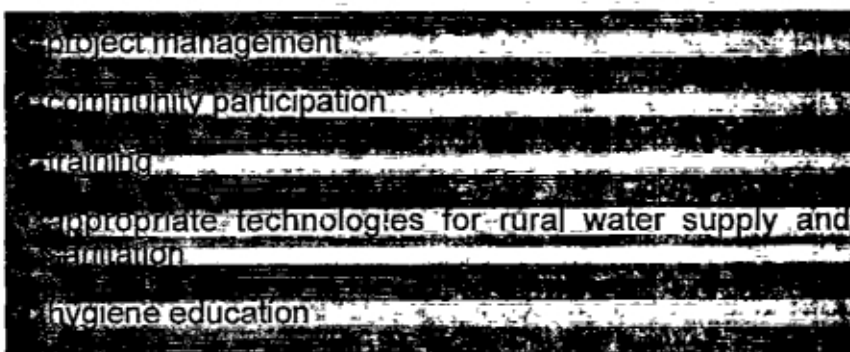
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PROFILE

The Water Sector Development Group is the Secretariat of the Programme Co-ordination Group which is responsible to the Zambian Government for carrying out reforms to the water and sanitation sector.

The Water Sector Development Group (WSDG) is held by the Head who is assisted by Specialists in functional areas. WSDG has been operational since February 1, 1994 and derives its mandate from a cabinet memorandum of November, 1994 which ordered the restructuring of the water and sanitation sector.

WATER SECTOR DEVELOPMENT GROUP (WSDG)

Head, Dennis D. Mwanza

11th Floor, Indeco House, Cairo Road, Lusaka

P/B RW 291X, Lusaka

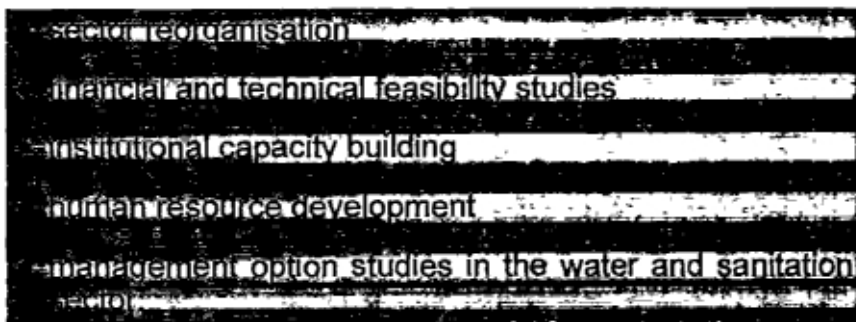
Tel : 226941-2 Fax : 226904 email :wsdg@zamnet.zm

The reorganisation of the water and sanitation sector is being guided by seven principles:

- separation of water resource management from water supply and sanitation
- separation of regulatory and executive functions within the water supply and sanitation sector
- devolution of authority to local authorities and private enterprise
- full cost recovery - in the long run
- human resource development leading to more effective institutions
- technology appropriate to local conditions
- increased government priority and budgetary allocation to the sector

WSDG is currently funded by NORAD, GTZ and the Zambia Government.

WSDG is expected to form the core of the National Water and Sanitation Council (NWASCO) which will be the regulatory body for water and sanitation.



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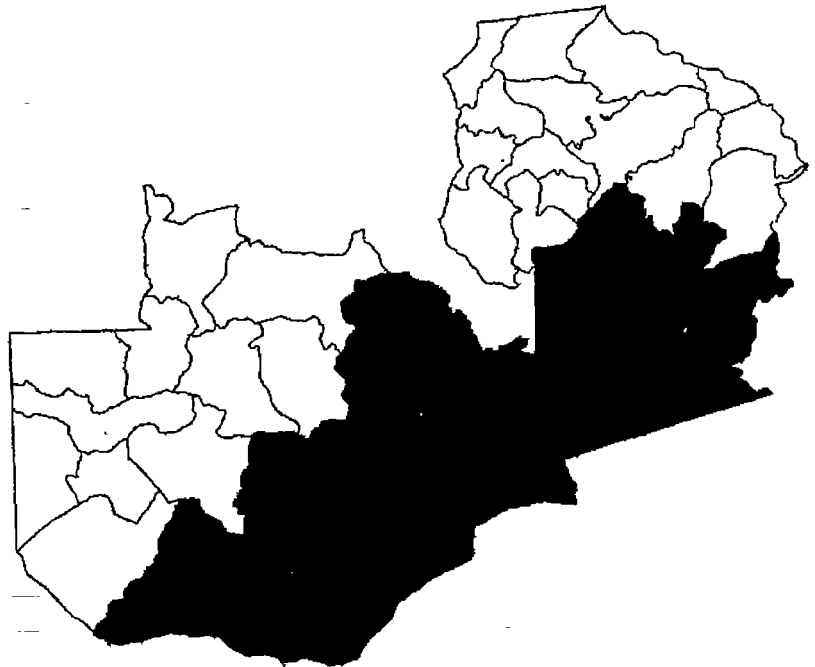
SPECIFIC AREAS OF INTEREST AND EXPERTISE

THE ORGANISATION



water wells group

AREAS OF OPERATION



ORGANISATION PROFILE

- Water Wells are the oldest and largest water borehole drilling company in Zambia. The Company was established in 1963
- over 20, 000 boreholes have so far been drilled in the areas of operation
- the drilling fleet consists of 20 fully operative cable tool rigs and there is a pump supply and installation back-up from a company within the group headed "IRRIGATION PUMPS LIMITED"

WATER WELLS LIMITED

J. E. Geldenhuys & G. H. Payne

4 Mile Peg Kafue Road, Lusaka

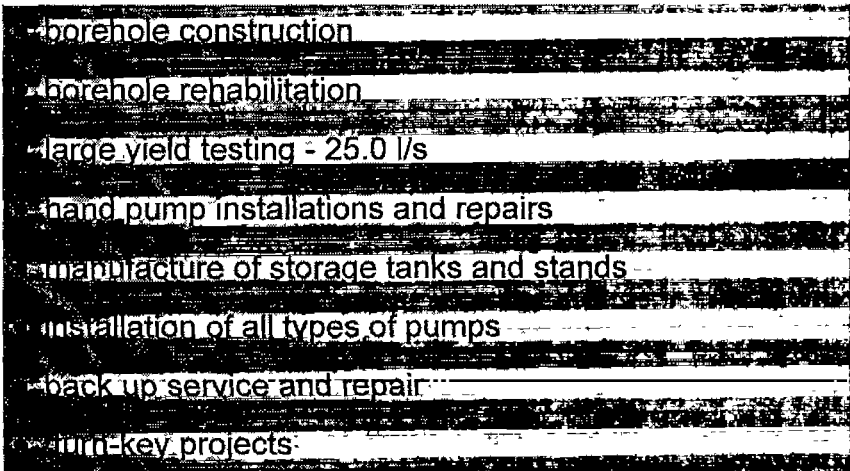
P. O. Box 30635, Lusaka

Tel : 273458/272770 Fax : 272363

- Water Wells use cable tool rigs which are labour intensive and by the nature of borehole construction offer the optimum chances of successful boreholes even in poor aquifers
- this method is also ideally suited for rehabilitation of existing boreholes
- the associated company Irrigation Pumps Limited are well equipped to undertake all pumping works

- the group is a private Zambian registered Company

Increase drilling fleet



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THE
ORGANISATIONWILDLIFE
CONSERVATION
SOCIETY OF
*Zambia*AREAS OF
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PROFILE

Since 1972 the Wildlife Conservation Society has been initiating and supporting Chongololo and conservation Clubs in schools. The main objectives of this programme are :

- to start and enhance Environment Education/Awareness at all levels of society
- to support the Government in the task of research and conservation of natural resources
- to develop supplementary education resource materials to enhance the capacity of clubs, NGOs, partners to work in conservation programmes

WILDLIFE CONSERVATION SOCIETY OF ZAMBIA

Mwape Sichilongo or Auther Nkonde (deputy)

Wildlife Conservation Society of Zambia

P.O. Box 30255, 10101 Lusaka

Tel/Fax : 254226 email : wcsz@zamnet.zm

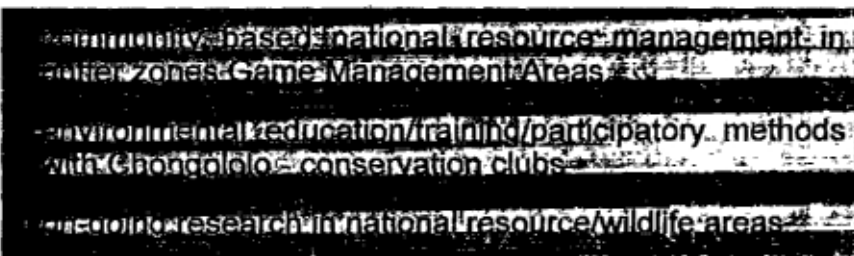
The education objective of WCSZ for Conservation of Zambia's natural resources is to create Chongololo and conservation clubs/EE programmes :

- at national office level is the secretariats/N-EE co-ordinating and training Team
- at district and provincial levels, the WCSZ initiates branches, and Chongololo conservation clubs leaders associations and trains them in EE for capacity building/running of Chongololo - conservation clubs
- at schools/community level : Visits/Workshops

WCSZ national office :

- works with WWF. Beit Trust, German Development service, Bata shoe company and various donations from members/private individuals/institutions

On-going Chongololo Programme, involvement in protected areas



THE ORGANISATION

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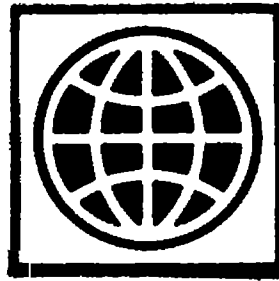
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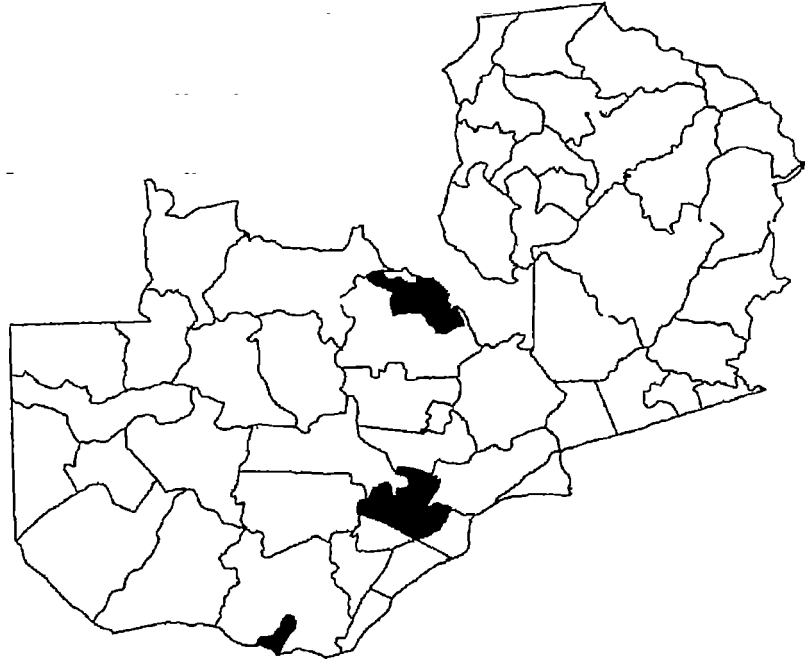
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ORGANISATION



**WORLD
BANK**

AREAS OF
OPERATION



ORGANISATION
PROFILE

Multilateral development bank with 180 member countries. Provides conventional funding to low - income countries (e.g. Zambia) through its International Development Association.

Provides IDA funds to central government for use by the line ministries and other private bodies for investments in infrastructure, financial and social sectors as well as for structural adjustment programmes.

Currently has \$637 million of active loans in Zambia.

WORLD BANK

Gedron Nkojo

P. O. Box 35410, Lusaka

Tel :252811 Fax : 254283

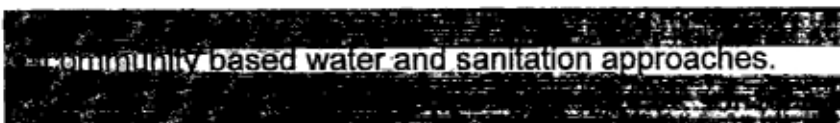
World Bank approach to water and sanitation sector is two fold :

- assist local authorities with rehabilitation of existing water and sanitation system through conventional engineering design/construct approach, coupled with institutional reforms
- assist local authorities to mobilise communities to articulate, design, build, operate and maintain peri urban systems
(Note : current involvement almost exclusively URBAN)

Grant funds passed through Ministry of Local Government and Housing to local authorities for community based programme.

Grants funds spent by Ministry of Local Government and Housing for rehabilitation of water and sanitation systems in local authorities.

Possible urban project 1999



THE ORGANISATION

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PROFILE

World Vision Zambia was opened in 1981. The first few projects were opened in Mkushi district in collaboration with the Anglican Church. In 1982 WV Zambia responded to relief appeals in the Gwembe valley by initiating a relief programme which involved the distribution of food, blankets and agricultural inputs to people affected by drought which led to a mass crop failure.

This was followed by the establishment of a Development Assistance Centre (DAC) in Muyumbwe and Sinazongwe to continue rehabilitation work. Since then, the number of projects and areas of influence has grown to 110, this number includes both areas of community development projects and programmes.

WORLD VISION INTERNATIONAL, ZAMBIA OFFICE

Bwalya Melu, National Director

P.O BOX 31083, Lusaka, Woodlands House

P.O BOX 31083, Lusaka

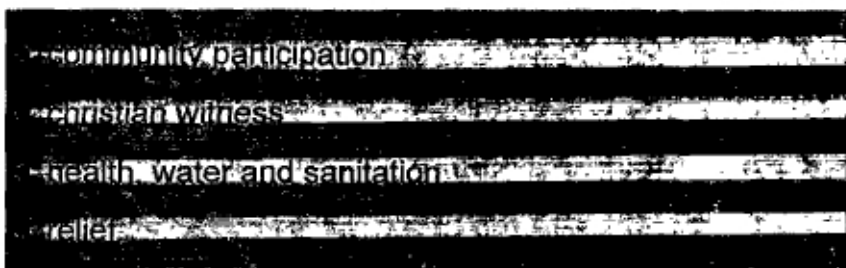
Tel. 260722/30 Fax: 264406

World Vision is a relief and development organisation. The main focus is integrated holistic commitment to transformational development that is community based and sustainable focused especially on the needs of children.

The witness to Jesus Christ is cardinal in all World Vision's activities.

Financial contributions to World Vision's groups, families and individuals, foundations, governments and corporations.

It is envisaged that World Vision work will run into the next century.



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ZAMBIA RED CROSS SOCIETY

AREAS OF
OPERATION



ORGANISATION
PROFILE

The Zambia Red Cross Society was introduced in 1950 and established as a National Society by an Act of Parliament in April 1966.

The aims and objectives of the society are :

- to furnish aid to the sick and wounded in times of war and peace
- to organise relief services to all disaster victims of both natural and man made disasters
- to assist the authorities in improvement of health services and the prevention of disease and
- to perform all the duties which evolve upon a National Society in accordance with the provisions of the Geneva Conventions and their additional protocols

ZAMBIA RED CROSS SOCIETY

Secretary General

2837 Los Angles Boulevard

P.O. Box 50001, Ridgeway 15101, Lusaka

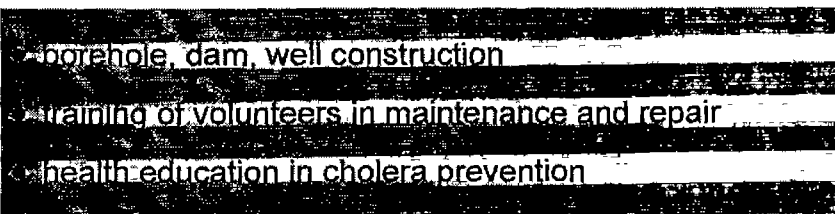
Tel : 250607/254798 Fax 252219

The water and sanitation interventions of the, ZRCS are aimed at providing reliable safe drinking water to vulnerable communities and their livestock as well as prevent or reduce incidences of disease through improved sanitation.

The projects are implemented by volunteers at district level and co-ordinated by the National Headquarters. To assure sustainability of the water projects, volunteers are trained in hand pump installation, maintenance and repair, the Red Cross branches also participate in the activities. The District - WASHE and Village WASHE committees have been established to ensure proper maintenance of the developed water sources.

National Headquarters fundraises for major undertakings whilst small scale projects are funded through local resource mobilisation by the branches.

Water resource development and health education.



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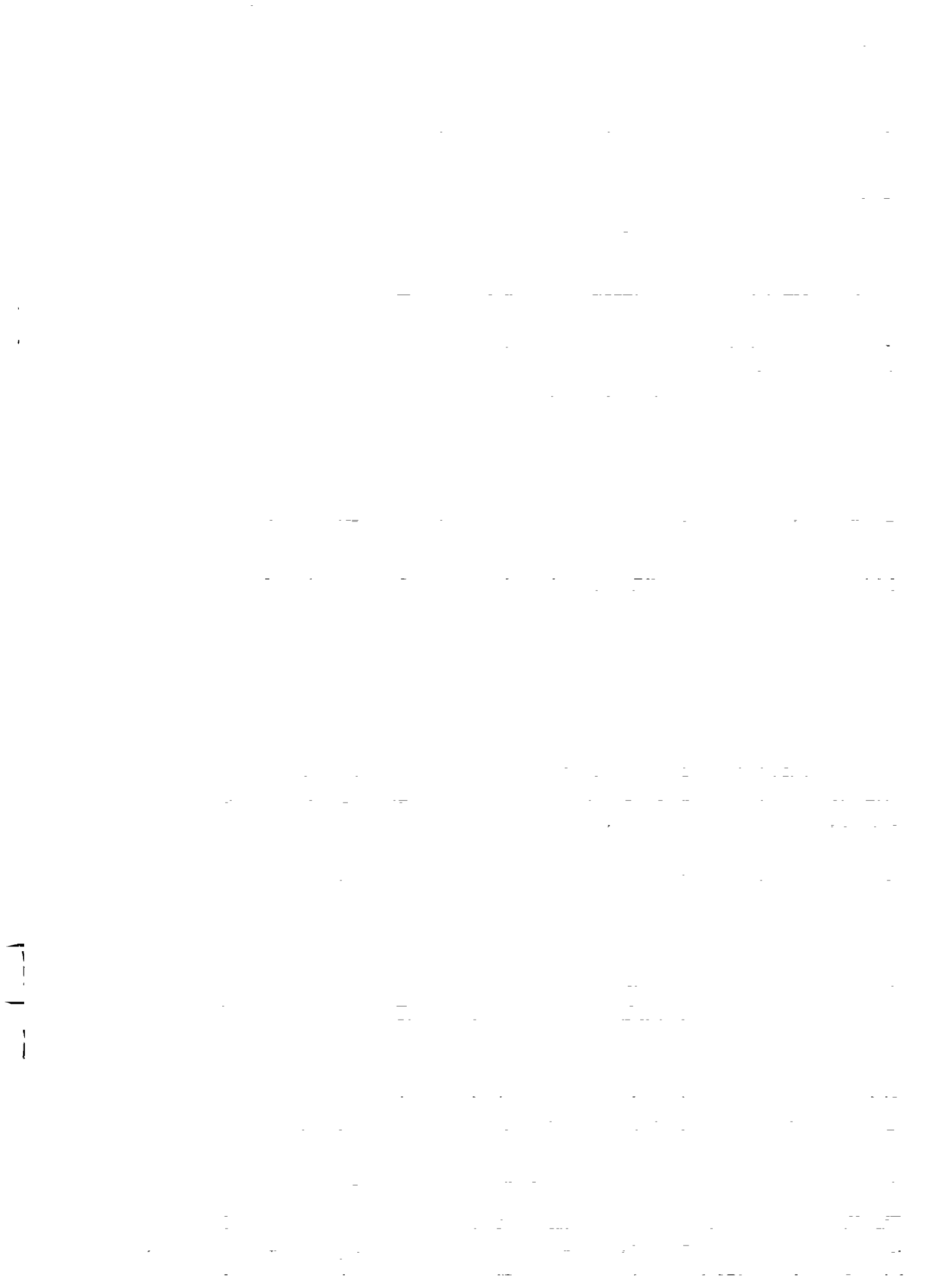
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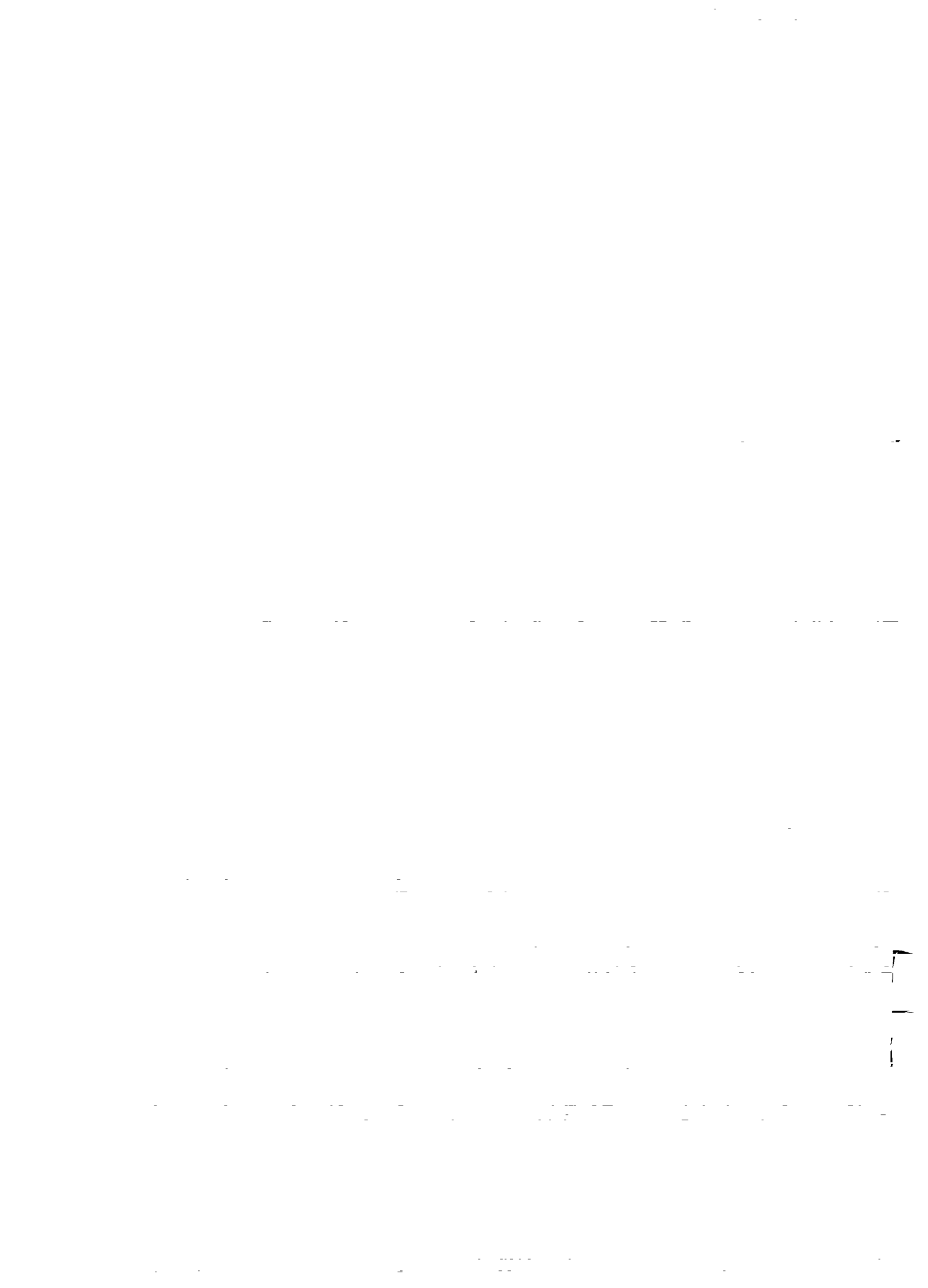
MANUALS

- Manual 1 Understanding the WASHE Concept
- Manual 2 Water Sector Reforms and Implications for WASHE
- Manual 3 Introducing WASHE at District Level
- Manual 4 Establishing WASHE at District Level
- Manual 5 Planning for WASHE at District Level

SUPPLEMENTARY MODULES

- 1a Coverage Parameters for Rural Water Supply in Zambia
- 1b The Status of Rural Water Supply in Zambia
- 1c Glossary of Terms for Rural Water Supply
- 1d Partners in WASHE
- 2a Technology for Rural Water Supply : Making the Right Choice
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- 2c Technology for Rural Water Supply : Standard Construction Details (Hand Dug Well)
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- 3a Hand Pump Standardisation
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- 4a Rural Water Supply Maintenance Options
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- 6a Participatory Health and Hygiene Education (Theory)
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- 7a The Project Cycle for Rural Water Supply
- 7b Making Appointments
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- 7k Fund Raising and Management
- 7l Promoting Community Ownership
- 7m Community Participation in Monitoring
- 7n Well Completion Ceremony (Handover)
- 7o Community Management in Evaluation
- 7p Group Dynamics and Energiser Tool Kit
- 8 WASHE and Gender





The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

Furthermore, it is noted that the records should be kept in a secure and accessible format. Regular backups are recommended to prevent data loss in the event of a system failure or disaster.

In addition, the document highlights the need for consistent data entry. Standardized formats and codes should be used throughout the system to avoid confusion and errors. Training for staff on these protocols is essential for successful implementation.

The second section of the document provides a detailed overview of the system's architecture. It describes the various components that make up the system, including the database, the user interface, and the reporting tools.

The database is designed to store all transaction data in a structured and organized manner. It supports complex queries and reporting, allowing users to analyze the data from multiple perspectives.

The user interface is intuitive and easy to navigate, ensuring that users can perform their tasks efficiently. It includes features such as data entry forms, search filters, and customizable reports.

The reporting tools provide a comprehensive view of the system's performance. They generate various types of reports, including summary reports, trend analysis, and detailed transaction logs.

Overall, the system is designed to be robust, secure, and user-friendly. It is intended to streamline the data management process and provide valuable insights into the organization's operations.

The document concludes with a summary of the key points discussed. It reiterates the importance of data accuracy, system security, and user training. It also provides contact information for further assistance and support.

We hope this document has been helpful and that you find the system easy to use. Thank you for your interest in our product.

