

ERITREA: Water Supply and Sanitation Mendefera and Assab



Eritrea: Kilwale dam stone protection

Mendefera and Assab are regional capitals of Debub and Southern Red Sea Provinces with a high growth potential. Mendefera has a population of 35,000, supplied by the colonial water supply system with less than 500 m³ per day. A central sewerage system does not exist. Assab has one of the best equipped seaports at the Red Sea and is expected to regain substantial growth and population increase of its presently 20,000 population once port and oil refinery resume operation. The town water supply system dates back to 1985, delivers about 6,500 m³ per day and requires rehabilitation.

In September 2005, GITEC together with an Eritrean consultant has been entrusted with a feasibility study by KfW on the reconstruction of the water supply and sewerage systems of Mendefera, and with tailoring an investment programme for the rehabilitation of the Hersile well field and other water supply components of Assab.

The new Mendefera water supply scheme will utilise water sources of altogether 3.8 Mill. m³ storage capacity to supply 4,600 m³ per day to an estimated population of about 71,000 in year 2020. A sewerage system will drain the large historic town centre by gravity. Future town development areas may be connected by pressured sewer lines. Besides technical investigations and design works, consulting services included a comprehensive well inspection programme, immediate repairs of the well field of Assab and a pilot testing and repair programme of the water reticulation system.

Financial analyses, tariff studies, watershed management aspects and a proposal for institutional restructuring of the local operators complement the Feasibility Study that is finalized by Dipl. Ing. W. Stenzel and a team of six experts in July 2005.

ZAMBIA: Rural Water Supply in North-Western Province

With the objective of improving the water supply in the three districts Kabompo, Mufumbwe and Kasempa in the North-Western Province, the Rural Water Supply Project started in February 2005. The project addresses 400 communities in said districts, whereof an additional 80.000 inhabitants shall have access to safe and clean water after project implementation.

The projects' investment measures will comprise the provision of light equipment and tools, the construction of 350 boreholes, 30 hand-dug wells and the rehabilitation of 20 existing wells. All water points will be equipped with hand pumps, and the Area Pump Mechanics (APM) and District Maintenance Teams (DMT) with tools or spare parts, and bicycles.

As the project is considered to be implemented in the wider context of decentralisation and local development, the project will also contribute to strengthening the local and regional organisational set-up and the target groups' awareness.

The consultants' accompanying measures therefore comprise, amongst others, the preparation of a provincial O&M strategy, complemented by on the job training and capacity building on village, area and district level via Development or Water Supply and Health Education (WASHE) Committees. As further accompanying measures the conduction of a Community Participation and Health Education (CPHE) campaign and a sanitation promotion are earmarked.

Project executing agency is the Ministry of Local Government and Housing. The project is financed by the German government through KfW. GITEC together with its local partner were awarded the project implementation by the end of 2004. Teamleader is Dipl. Ing. Ph. Hankin.

ETHIOPIA: Restructuring of Rural Road Authorities

The Project “Restructuring of (Rural) Road Authorities” is part and parcel of Ethiopia's Road Sector Development Programme (RSDP). The Peoples Democratic Republic of Ethiopia has launched this programme to enhance the Agricultural Led Development Industrialisation (ALDI) strategy of the Federal Government.

The GTZ/ERA project for the restructuring of the Ethiopian Road Authority (ERA) is focusing the component Institutional Capacity Building. Upon request, the project extended its support to facilitate the establishment of Rural Road Authorities (RRA) in each of the eight Regional States. The implementation of this project component was awarded to GITEC with team leader Dipl. Ing. Mr. B. Schulte.

During the preparation mission in November/December 2004 all maintenance processes were analyzed to identify priority problem areas and improvement needs. The project conception was updated accordingly and a detailed implementation plan provided.

Advisory services to the RRA Authorities operate on different institutional levels and are accompanied by training measures. Maintenance sections were established within the road network, road conditions evaluated and the accordance of maintenance activities to quality standards was verified. In addition to this, the project component facilitated the participation of the pri-

vate industry in road maintenance, advised on the outsourcing of construction works to local contractors and the introduction of a lengthsperson-system.



ETHIOPIA: Workshop with trainees

NORTHERN LAO PDR: Project Preparation Study for Rural Infrastructure Programme

The Government of Lao PDR (GoL) through its Ministry of Finance (MoF) entered into a new Financing Agreement with the Federal Republic of Germany through Kreditanstalt fuer Wiederaufbau (KfW) in early 2005. Objective is to continuously assist the GoL in its efforts to improve the living conditions of the rural population through the extension of the rural infrastructure in the Provinces of Luang Namtha and Bokeo. KfW is already financing the predecessor project Rural Roads in the Province of Bokeo since October 2003, as reported in GITEC Newsletter No. 51 of July 2004.

The new "Rural Infrastructure Programme Northern Lao PDR" (RIP Northern Lao PDR) will comprise the construction and/or rehabilitation of candidate roads of approximately 170 km in total and one bridge in the Province Luang Namtha, selected priority roads of more than 120 km and two bridges in Bokeo Province. In order to enhance the sustainability of the road improvement works, the project will also contribute to the development of the existent small-scale irrigation potential in the uplands. The investment component will be supplemented by an accompanying measures component.

The project shall furthermore provide support to the regional activities of GTZ in Integrated Rural Development.

GITEC conducted the two-month project preparatory study starting in February 2005. The Team Leader of the study team was Dipl. rer. pol. H. Merks; the study team comprised experts in the fields of roads and bridge engineering, road maintenance management systems, socio-economy, gender and ethnic related matters, and environmental protection.

BRAZIL: “Protection of the Atlantic Rain Forest in the State of Rio de Janeiro”

According to latest statistics, the current pace of deforestation and degradation of the Atlantic Rain Forest in the state Rio de Janeiro seriously threatens the existence of this worldwide unique ecosystem within the next 35 years. Around 9.000 km² (20% of the area of the state) of the areas' primary and secondary forest are still intact, but seriously threatened by human pressure.

Since April 2005, the State Forest Institute (IEF) receives technical advice by an experienced team of consultants from GITEC and two Brazilian partners. The technical advice's objective is to facilitate the protection and preservation of the remaining Atlantic Rain Forest in Rio de Janeiro. The project's inauguration was

celebrated with Vice-Governor Luiz P. Conde during an exposition in Rio de Janeiro's major metro station “Largo do Carioca”.



BRAZIL: Exposition on occasion of project start

One of the important pillars of the four years lasting project, financed through KfW, is the elaboration of management plans for protected areas and their buffer zones.

Other project priorities are territorial planning, the prevention and control of forest fires, the establishment of an environmental monitoring and supervision system, and the encouragement of environmentally sound activities in buffer zones. The project measures are complemented by physical planning of and investments in park infrastructure and respective services, capacity building and training for the project implementation agency and other stakeholders (municipalities, NGO's, associations, etc.).

PR CHINA: Integrated Desertification Control Luoshan, Ningxia

In March 2005 GITEC (in association) was commissioned by the Forestry Department Ningxia and KfW to carry out a feasibility study based on a project proposal of the Ningxia Forestry Department. Works will be completed in July 2005.

The project area is situated in the arid zone and belongs to the most desertified part of central Ningxia. Rural poverty is wide-spread and the mainstay of the population is agriculture, heavily supplemented by seasonal migration for off-farm labour.

The designed project aims to develop and demonstrate a modular approach to reduce and reverse desertification in

Ningxia and elsewhere in North China. It combines spatial planning and establishment of about 70,000 ha forestry and rangeland interventions for effective desertification control and poverty alleviation.



*P.R. China (Ningxia Hui AR):
Interview of beneficiary household*

PR CHINA: Natural Forest Management Project

China is endowed with a poor forest resource base, rich biodiversity and a seriously degraded ecosystem. In a considerable re-orientation of its forest policy and also as a reaction to the catastrophic floods in 1998, the State Forestry Administration initiated the Natural Forest Conservation Programme in major state-owned forest regions in August 1998. The regulatory framework of the programme and its adverse implications to the affected local communities is now under policy review.

It is in this context the EC-Natural Forest Management Project has been launched in Sichuan, Hunan and Hainan. Its aim is to contribute to environmental stability and sustainable development of local communities, which will be carried out by testing and

demonstrating an increased range of options for sustainable management of natural forest resources for a variety of beneficiaries. It will maintain or restore natural forest quality, while producing the widest possible sustainable array of public benefits including ecological functions.

GITEC is partner to the consortium entrusted by the EC Delegation Beijing in January 2005 to render the technical assistance for the project. The technical assistance centers on a set of activities related to Natural Forest Management, Community Development, Training and Dissemination and Project Management. Project completion is expected for 2008.



*P.R. China (Henan Province):
Typical eroded site in project
areatreatment plant*

MALAWI: SCDP Transition Phase 2004-2005

Malawi is an evergreen on GITEC's agenda: From 1985 on, the Government of Malawi through the Department of Physical Planning with financial support of the German Government through Kreditanstalt fuer Wiederaufbau and technical advice from GITEC Consult, launched the Secondary Centres Development Programme (SCDP) which is lately described in-depth in GITEC Newsletter No. 49 of July 2003. The main purpose of the programme is to decentralise urbanisation to small and medium towns and to foster their socio-economic standing and attractiveness for inhabitants as well as migrants. Eight towns already benefited from the Pro-

gramme in terms of infrastructure design and implementation and urban management advice.

For the Transition Phase from September 2004 to May 2005, lead by Dipl. Ing. Mr. A. Kiene, Dedza Town was selected as target town by the Ministry of Local Government and Rural Development as it has not yet profited from SCDP. Upgrading the Dedza Town Development Plans was the aim of that project phase and included (i) reworking of the standard designs developed over the last 20 programme years as regards durability, maintenance, flexibility and cost efficiency, (ii) detail-

led survey by a Malawian partner covering all areas of intervention, (iii) monitoring and evaluation of the use of SCDP provided facilities by town assemblies, (iv) design of non-standard structures for transport, community, economic and industrial facilities, (v) creating the corresponding BoQ's and tender documents for the implementation of construction works, (vi) conduction of a sensitisation workshop for elected and district officials.

The implementation of the planned infrastructure and construction works in Dedza is earmarked for September 2005 and will cover approximately 18 months.

NIGER: Audit and Evaluation of The Food Security Programme

Since 1996 the European Commission is supporting Niger in alleviating the nationwide persistent food security problems, with focus on structural food insecurity, resulting from severe poverty and periodic food insecurity which affects certain strata of the population. In 2003 EC approved a 15 million € programme to give continuation to its activities until 2006. The overall goal of this programme is to achieve durable food security for all strata of the population and to improve the efficiency of the national intervention policy.

In January 2005 GITEC (in association) was commissioned by the EC Delegation Niger to carry out a midterm

Audit and Evaluation of said programme. The objectives were to evaluate the relevance and efficacy of the programme in-

terventions, their impact in rural and urban areas and the assessment of its financial and budgetary situation.



NIGER: Traditional and EC-funded grain storage facility on village level

NAMIBIA: Social Marketing of Condoms for Family Planning and HIV-Prevention



Namibia: New premises of NaSoMa in Windhoek, main building

Since 1999 GITEC together with its partner is implementing the National Social Marketing Programme (NaSoMa) in Namibia, as described in GITEC Newsletter No. 50.

NaSoMa is now entering into an extension phase up to the end of this year in order to prepare for an exit strategy under KfW funding. Correspondingly, the programme developed a business plan to safeguard the sustainability for all programme components so far implemented, especially by concentrating activities in the rural areas of Northern- and Southern Namibia.

NaSoMa is increasingly focussing on behaviour change communication

(BCC) and peer education within its workplace programme. The programme developed a new strategy for behaviour change communication that can be fully implemented with the new funds made available.

In April 2005 NaSoMa finalised the purchase contract for a plot with two buildings situated between Strauss- and Beethovenstreet in the heart of Windhoek. The premises owned by NaSoMa contribute to the sustainability of the Programme. In August the new buildings will be officially opened.

Within the next quarter of this year NaSoMa will be incorporated as a company under section 21 of the Company Act of Namibia and will hence reach full independence as a Social Marketing Company within Namibia.

Editorial

After 36 years, Mr. U. Bialkowski, Head Public Relations, retired in June 2005. We would like to express our sincere thanks for his fruitful and kind cooperation through almost four decades. We wish him all the best for the future, and the realisation of many more challenging projects.

The position of Mr. Bialkowski is taken over by Ms. T. Voth. Contact: 0049 211 4408 136 (phone) and voth@gitec-consult.de (e-mail).

New Company Brochure

In August GITEC Consult has released a new company brochure. A digital version of the brochure in English, French and Spanish can be obtained from our website under: www.gitec-consult.de/new/bro.htm.

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