

WATER AND SANITATION DIVISION

As a strategy to attain Target No. 2 of the UN Millennium Development Goal No. 7 (*of halving the proportion of people without sustainable access to safe drinking water and basic sanitation by the year 2015*) the Ugandan Government set a national target of covering 77% of the rural population and 100% of the urban population by the year 2015. NEWPLAN appreciates these bold efforts by the Government and continues to be a major player in the Ugandan Water & Sanitation Sector.

HYDROPOWER DEVELOPMENT

URBAN WATER SUPPLY AND SANITATION

RURAL WATER SUPPLY AND SANITATION

WATER RESOURCES PLANNING & MANAGEMENT

WATER FOR MULTI-PURPOSE USE

SOLID WASTE MANAGEMENT

FINANCIAL AND ECONOMIC ANALYSES

PROJECT MANAGEMENT

RIVER BASIN MANAGEMENT

RIVER AND WATER SHED MODELING

Over the past 14 years, NEWPLAN has successfully undertaken many water & sanitation sector projects for different Clients and financiers such as the Ministry of Water and Environment's Directorate of Water Development (DWD) & the Directorate of Water Resources Management (DWRM), National Water & Sewerage Corporation (NWSC), DANIDA, NORFUND, TRONDER, etc.

This brochure captures a selected range of projects that NEWPLAN Limited has been or is engaged in providing consultancy services.

NEWPLAN Limited invites you to join our satisfied clientele to engage our consulting team in seeking solutions to your architectural, engineering and environmental challenges.



BUGOYE WATER BASELINE STUDY (2008)

NEWPLAN Limited conducted a water baseline study to facilitate design of supplementary water supply to affected communities of Bugoye hydropower project in Kasese. The assignment was funded by TRONDER Power Ltd, who is the developer for the 13 MW mini-hydropower scheme.

IMPACT ASSESSMENT STUDY FOR SMALL TOWNS WATER AND SANITATION PROJECT (April– June 2003)

The study was taken to determine the impact and effectiveness that the various components of the STWS project have had on the beneficiaries with a view to guiding future small towns WSS projects in the country.

Description of services provided by NEWPLAN:

- A participatory impact assessment (technical, financial, social and economic) of achievements of the project against the original objectives of the project;
- Identification of potential aspects of the project that would impact the sustainability of the project outputs and proposing mitigation/ accompanying measures for consolidating the achievements of the project;
- Outlining the lessons for the project that would help improve performance of the STWSS sub sector.

ENERGY FOR RURAL TRANSFORMATION: IMPLEMENTATION OF WATER COMPONENT (2003 – 2008)

NEWPLAN provided technical assistance to the Directorate of Water Development (DWD) in identifying the least cost energy solutions to over 16 rural water supply schemes in West Nile, Northeastern and the Western regions of Uganda. This project was handled jointly by both this division and Power & Renewable Energy Division of NEWPLAN Ltd.

The services provided by NEWPLAN encompassed all aspects of the implementation of the ERT water:

- Study of the technical aspects of the development of the standard energy packages, energy options, scheme selection criteria and implementation strategy
- Development of a capacity building plan
- Institutional and implementation aspects
- Coordination and administration

Solar water pumping scheme to Kyenjojo Town council



KAMPALA SEWERAGE PROJECT: NAKIVUBO SEWAGE TREATMENT PLANT (2007 – 2008)

NEWPLAN in association with NORPLAN A.S. was assigned by Infraco to prepare a conceptual design and facilitate procurement of EPC Turnkey Contract for the Nakivubo Sewage Treatment Plant (NSTP), under National Water & Sewerage Corporation (NWSC).



Existing facility; Nakivubo Sewage Channel

MITIGATION OF SEWERAGE RELATED PROBLEMS IN THE KATANGA AREA, KAMPALA DISTRICT (Jun2005-Mar 2006)

NEWPLAN was contracted to prepare designs for a sewerage collection system for Sewerage in the Katanga area complete with a pumping station and later supervise of the sewerage collection system.

Description of services provided by NEWPLAN:

- Socio-economic surveys
- Design of pumping station for the sewerage related works
- Preparation of designs, tender documents and pre-contract services
- Construction supervision of the Katanga Sewerage collection system.

DESIGN AND CONSTRUCTION SUPERVISION OF 24 WATER FOR PRODUCTION FACILITIES IN 12 DISTRICTS (Jul 2007 – Jun 2010)

NEWPLAN was contracted by the Ministry of Water and Environment/Directorate of Water Development to design and supervise the construction of valley tanks and dams in the districts of Isingiro, Kiruhura, Kamwenge, Bushenyi, Kyenjojo, Hoima, Pallisa, Budaka, Kayunga, Iganga, Kapchorwa and Bugiri. The facilities are to serve the multi-purpose uses of domestic water supply, livestock watering, irrigation, aquaculture, industrial water supply in rural areas.



Excavation Solar water pumping Scheme to Kyenjojo Town Council county - Isingiro District



Construction of a dam embankment at the Kagango Site in Isingiro District



Consulting Engineers & Planners



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