



KNOW-HOW 3000

Experience AT A GLANCE

Environmental Sanitation at the St. Mary's Hospital Lacor

What is it about?

Environmental Sanitation, including water, waste, power and safety management at the Lacor Hospital.

Why an intervention?

During war the number of patients in Lacor Hospital was high with a significant share of "night commuters" fleeing the attacks in the surrounding villages and staff living in the Hospital compound with their families in order to be safe. This caused the over-utilization of hospital facilities, water, electricity, and management of waste. The waste water treatment, the management of contaminated material and the appropriate disposal of solid waste, as well as the power and water supply together with risks of electrocution and fire had become a problem to be solved.

What does it change?

Good and clean water supply, quality and reliable electricity management, experienced technical staff as well as good management of waste and utilities reduced risk of re-infection around the hospital, raised the standard of service delivery and reduced professional hazards for the staff. The experience provided the protection of people from electrical accidents and put an end to disruptions of Hospital activities due to prior lack of water and power supply. It also led to the containment of costs and waste and to greater ecological awareness on water and energy saving.

How does it work?

- Up-grading the power distribution system: Installation work (connecting a new transformer, new distributors with protections and voltage controls, laying of underground cables within the hospital and installing new UPS system with a dedicated generator for critical areas supply), construction of a distribution and a generator house, trainings for technical staff to ensure proper maintenance and consumption monitoring, awareness campaigns on energy saving.
- Improving water distribution system: Improvement of storage capacity through new water tanks and better rainwater collection, installation of solar hot water systems, water meters to manage and control water supply, water saving devices at user's points, awareness campaigns on water saving.
- Implementation of a structured solid waste management system: improved collection and disposal procedures.
- Installations of a water-based fire-fighting system: including trainings of the fire squad.

Who are the beneficiaries?

- Patients and their families
- Hospital Staff which is working and residing in the hospital.

Who could use that approach?

- Most of the hospitals in the same region with a similar setting, such as Kalongo Hospital, Aber Hospital, Angal Hospital and Lwala Hospital.
- Generally all major hospitals and big institutions require good environmental sanitation systems.

Who is already using it?

- St. Mary Hospital Lacor
- St Francis Naggalama Hospital, Mukono; St Joseph's Hospital, Kitgum; and Holy Family Nyapea Hospital, Zombo; implemented similar practices.

HORIZONT 3000

AUSTRIAN ORGANISATION FOR DEVELOPMENT COOPERATION

Sector: Rural Development – Natural Resource Management

Period: 2002 -2005

Organisation: St Mary's Hospital Lacor

Further material: <http://www.lacorhospital.org/>

Contact to expert:

Uma Santo Opoka, santouma@hotmail.com

