



Project funded by
European Union



Bringing Energy Services to Tanzanian Rural Areas

Implemented by



Field visit of Best Ray activities in Oldonyosambu area 12th November 2010

- 13.30** **Leaving from Arusha** - on the way, pointing the end of the national electric grid at the Lengijabe village
- 14.00 - 14.10** **Leminiory Primary school** - visit one of the **solar photovoltaic system** (135W) for lighting and computer use provided by the project to a primary school
- 14.30 - 14.50** **Oldonyosambu secondary school** - visit of the **solar photovoltaic system** (840W) which power a **computer room** (13 computers, printer, LAN network, internet connection), and the kitchen equipped with **5 energy efficient stoves**. Meeting with students who are attending in the afternoon a computer training.
- 15.00 – 15.10** **Oldonyosambu health centre and maternity** – visit of the energy solar photovoltaic system and solar water heater provided by the project
- 15.30** **Visit of Biogas plant, small solar system and energy efficient stoves implemented in households** (nearby the CERC – 15 min visit)
- 16.15** **Visit of the Community Energy Resource Centre (CERC) at Oldonyosambu market** –
- Welcome from mamas of the “Pambano women cooperative” (5 min)
 - **Visit of the Centre**, managed by the local community, which sells women cooperatives' products (stoves, dried vegetables, soaps), gives access to the community to energy efficient technologies (photovoltaic and biogas systems, improved stoves) and others information services (computer and internet use, books on renewable energy technologies, ...) (5 min)
 - Briefing about Best Project (Mr.Kupaza) and CERC activities (Enrica) (10 min)
 - **Snack&tea**: snacks and tea are prepared using energy efficient stoves!
 - Discussion with member of community involved in the project: CERC attendant (Elieshi), solar technician (David), Biogas technician (Mattayo), women cooperative stoves technician (Joyce), computer expert (Elieshi, Wildfrey), CERC kitchen responsible (Zakayo), Energy Committee representative (Eunice).
- 17.00** **Going back to Arusha**



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About Best Ray project

Best Ray - Bringing Energy Services to Tanzania Rural Areas is an European Commission funded project (2008-2011) that aims at providing energy services to poor un-served rural communities living in Arumeru District, Northern Tanzania, through appropriate and renewable technologies. Best Ray is about empowering rural communities and integrating principles of sustainable development in Tanzania policy and programs

Main activities:

- establishing two **Community Energy Resource Centers (CERCs)**, managed by trained member of the community, where rural people can access energy services, select most appropriate technologies and learn about them;
- \provide **social public structures** (schools, health centres, etc.) with electricity, hot water, Internet and media access through **sustainable energy technologies** (photovoltaic electrical systems, solar thermal heaters, energy efficient stoves) improving the quality of social services;
- setting up an "Energy minibus" with demonstrative RETs to encourage people (women in particular) to use them (HIV/AIDS risks will be also addressed)
- Providing **training**, equipment, methodology, technology and institutional assistance to start small businesses in the energy sector (production and selling of improved stoves, food drying, *Jatropha* cultivation and utilisation);
- encouraging **cultivation of *Jatropha* or fast growing trees** for charcoal production.
- strengthening Arumeru District knowledge, planning and management capacities in the energy sector