ICT BASED TOOLS FOR INTEGRATED RURAL DEVELOPMENT

Millennium Villages Project

- Health
- Infrastructure
- Education

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MILLENIUM VILLAGES PROJECT

FIVE CORE INTERVENTIONS:

• Food production: Agricultural inputs
• Access to healthcare
• Access to primary education (school meals, IT)
• Access to infrastructure: roads, electricity, telephony and ICTs, safe water and sanitation, irrigation
• Business development

Built on community-led development and local professional management

http://millenniumvillages.org/
MV MODEL PRIMARY HEALTH SYSTEM

Community pop 30,000

PHC Clinic
1: 5,000
Basic EmOC

Secondary referral hospital
Surgical capacity
Comprehensive EmOC
ARV, TB care
Pharmacy & Lab services

Hospital Staff
1 PHC doctor
1 pharmacist
EmOC Staff
HIV/TB centre staff
CHW manager
Data manager
EPI officer

Education
School meals
Deworming

Infrastructure
Water & sanitation
Transport & communication
Mobile phones

Agriculture
Food security/diversity
Income

NGOs, Universities

District Health

Local partnerships

MVP Coordination Office
1 health coordinator
1 CHW manager
2 Health facilitators
1 Data officer

Clinic staff
2 nurses
1 nurse-midwife
1 CHW supervisor
1 data clerk
1 lab technician

CHWs (100-150 HH)
Prevention, early detection
Treatment
Referral + Follow up

Information System

Cross-sectoral linkages

Information Systems
ChildCount+
OpenMRS
CHW manuals
COMMUNITY HEALTH WORKERS

- Health Education and Promotion
- Health Surveillance
- Case Management
- Health Data Collection for Public Health Decision Making
- Continuity of Care
- Rapid Training
- Data-based Decision Making
- Supportive supervision
- Human Resources management
- Operations management and strategic planning
5 Goals for CHILDCOUNT+

- Monitor for malaria, diarrhea, and pneumonia
- Record all births and death
- Register every child
- Screen for malnutrition every 90 days
- Full child immunization report
Informal counselling

CHW’s

Cluster Clinics

Structured consultation

District Hospital

Teaching Hospital

Mobile-based Telemedicine Services

Emergency medical transport vehicle
CONNECT TO LEARN: EDUCATION AND CONNECTIVITY

IT’S ALL ABOUT ACCESS

On-the-ground work focuses on:

1) Complete secondary school scholarships, especially for girls

1) Improving the quality of education through ICT in schools
SCHOOL-TO-SCHOOL CONNECTIONS

Students and teachers in Connecticut joined classrooms in the Millennium Village of Tanzania in celebration of World Read Aloud Day.
WHAT DO THE POOR PAY?

• $2 to $8 per month
• Not consistently—cannot pay every month in one monthly payment
• For less than 1 kWh equivalent (in form of kerosene, batteries), or >$5/kWh

Our approach: a PAY AS YOU GO MODEL with low initial cost to consumer and low transaction costs for payments

Current Pilots of Shared Solar Underway in:

• Mali (functioning since Jan 2011)
• Strong government interest in Mali
• Uganda (functioning since Apr 2011)
• Next: Tanzania
Scratch Cards for Energy Purchase