



ACCESS TO HEALTH IN RURAL AREAS

MEDICAL CARE, TRAINING AND PREVENTION USING ICTs

TulaSalud shows how access to health in isolated rural communities in Guatemala can be improved by using Information and Communication Technologies (ICTs) alongside flexible and horizontal multi-actor partnership models

ACTORS INVOLVED HEALTH DEPARTMENT OF ALTA VERAPAZ | MINISTRY OF PUBLIC HEALTH | THE COBAN NATIONAL SCHOOL OF NURSING | COBAN HOSPITAL | THE TULA FOUNDATION | TULASALUD

ALTA VERAPAZ, GUATEMALA

78% live in RURAL AREAS

1/3 BIRTHS attended by healthcare personnel

268 WOMEN DIE for every **100,000** LIVE BIRTHS

1/50 CHILDREN do not reach the age of 5

89.6% POVERTY rate

46.7% EXTREME POVERTY rate

TELE EDUCATION



Training of nursing technicians and assistants in rural communities in coordination with the Coban Nursing School

Students come from the local rural communities



1,282 NURSING TECHNICIANS, ASSISTANTS AND GRADUATES CERTIFIED VIA DISTANCE TRAINING



37 REMOTE TRAINING CENTERS



35 TEACHERS INVOLVED IN DISTANCE TRAINING

TELE MEDICINE



A community tele-facilitator (FC) attends to patients

The FCs communicate with doctors by cell phone and gather epidemiological information

Staff who speak indigenous languages carry out medical consultations 24 hours a day through the telemedicine module in the Coban Hospital



195 FCs HAVE A CELL PHONE AND CATER FOR :



710 RURAL COMMUNITIES

BETWEEN 2008 AND 2012 THE FCs AT TULASALUD CARRIED OUT:

116,275 MEDICAL CONSULTATIONS

6,783 CHECK-UPS FOR PREGNANT WOMEN

2,014 EMERGENCY TRANSFERS

PREVENTION



Through the X'beil li Kawilal initiative, female community leaders train young adolescents in health promotion and prevention



98 FEMALE LEADERS TRAINED, WHO, IN TURN, HAVE TRAINED :



750 ADOLESCENTS IN HEALTH ISSUES AND LIFE PROJECTS

SUSTAINABILITY



▶ OPERATING COSTS

By the end of 2013 the public health system will incorporate the FCs and begin covering their operational costs

In 3 years the health system will cover the cost of 1,176 terminals



▶ ENROLLMENT FEE 73 USD/MONTH

The fee paid by the pupils allows for the sustainability of the training courses

▶ EXTERNAL SUPPORT

Cooperation agencies such as the Tula Foundation provide financial stability until the project is institutionalized



▶ 860

qualified nursing assistants

▶ 76%

Working, the majority, in the public health system

MODEL EXTENSION

▶ Funding in 2013



▶ The Government is setting up a nutritional surveillance model using mobile phones in 8 departments