



CEFA
the seed of
solidarity

Wire Hills Forest Conservation and
Sustainable Management
Contract No DCI-ENV/2009/151-545

*Building the GIS of Wire Forest with
extWireForest for gvSIG 1.12*



Terre Solidali

Automation of Municipal Finance
– AMF 3

*Building Technical Office of Gabiley
with the extSomaliland gvSIG extension*

MAIN OBJECTIVES

Provide the local partner
with a GIS product that ...

... is fully developed with Open
Source technology

... is able to provide a precise
measurement of interesting targets

... is easy to use and update
regularly

... can be linked with
existing data/procedures

... can be replicated in other main
similar neighboring environments

... can be highly customized and
eventually translated in local languages

THE PROJECT WORKFLOW

Training
Training on the job (on the field
and in class)

Dedicated gvSIG 1.12 portable
version. User friendly interface

Field data collection:
points and information

Data entry:
Points to polygons
Information
Field photos

Field data check for
consistency

Customized Queries

Outputs

DATA MANAGEMENT WORKFLOW

GPS collected points (3D)

GPS collected points (2D)

Label 2D collected points

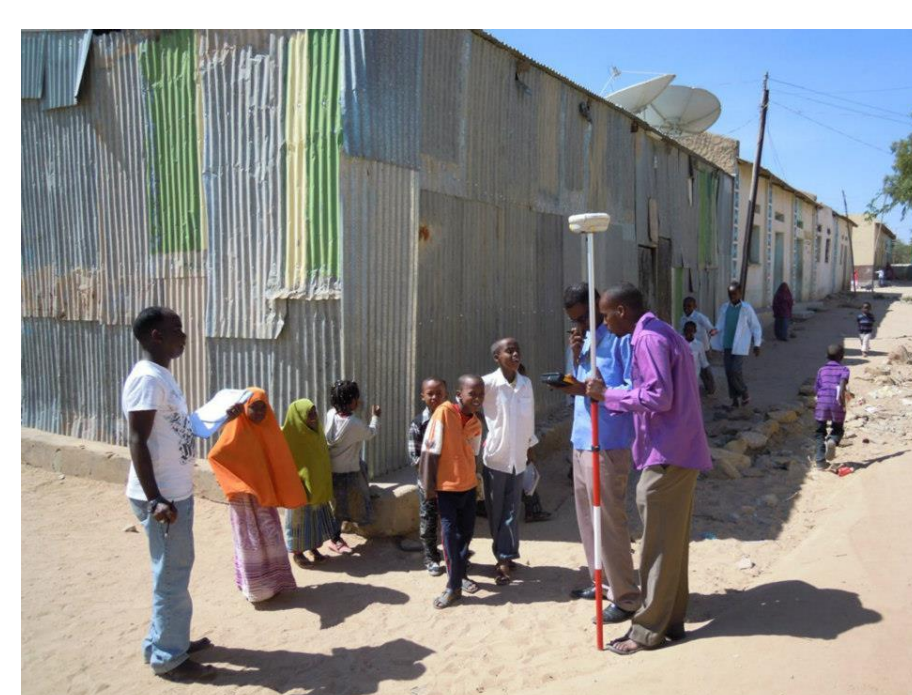
Derive Polygons

Merge Schema

Merge Polygons

Data Entry

*Field data
collection*



GIS Training



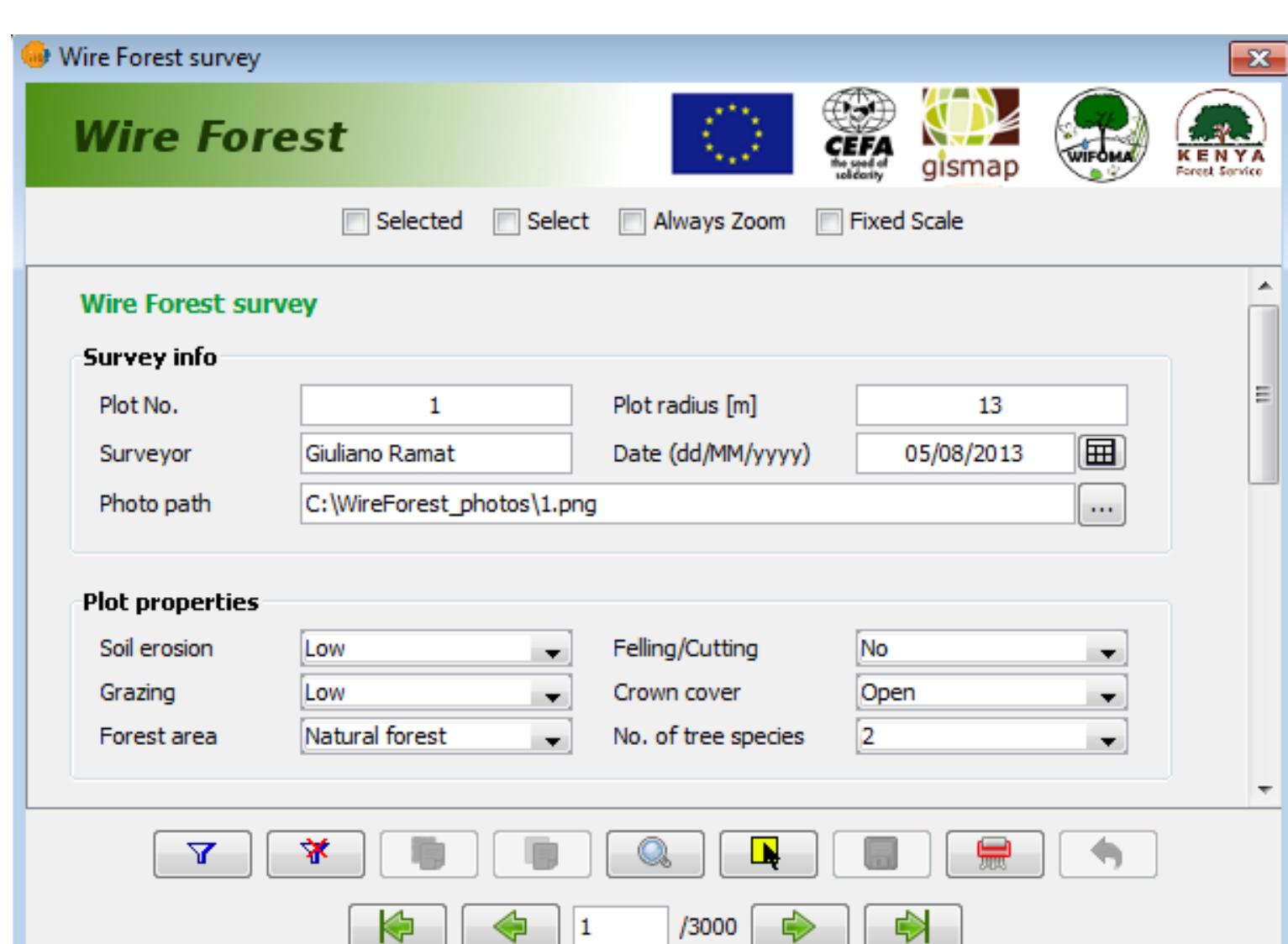
GPS Training



**Navtable
form**

Data Entry

*Data
Visualisation*



SOMALILAND

30 field survey days

Almost 800 polygons created

Few survey during training on the job

Survey teams change

No previous experience on survey

KENYA

Work in progress, end of survey is scheduled
in spring 2014

FUTURE GOALS

*Publish the collected data in a webGIS open, easy-to-manage and update in order
to share all the achieved results and knowledge*