COMBINING MULTIPLE METHODOLOGIES TO ASSESS LAND DEGRADATION AND TARGET RESTORATION INTERVENTIONS

Remote sensing

Remote sensing data, coupled with on-the-ground measurements, enables robust spatially explicit assessments of key indicators.

Systematic field sampling - using the LDSF

Assessing soil and ecosystem health using data collected using the Land Degradation Surveillance Framework (LDSF)

The LDSF uses a nested sampling design to monitor key soil and land health indicators. Each site is 100 km2, with 160-1000m2 sampling plots.

CLUSTER
2.5km
1km²
2.5km

PLOT
SUB-PLOT

Each plot consists of four sub-plots [100m2].
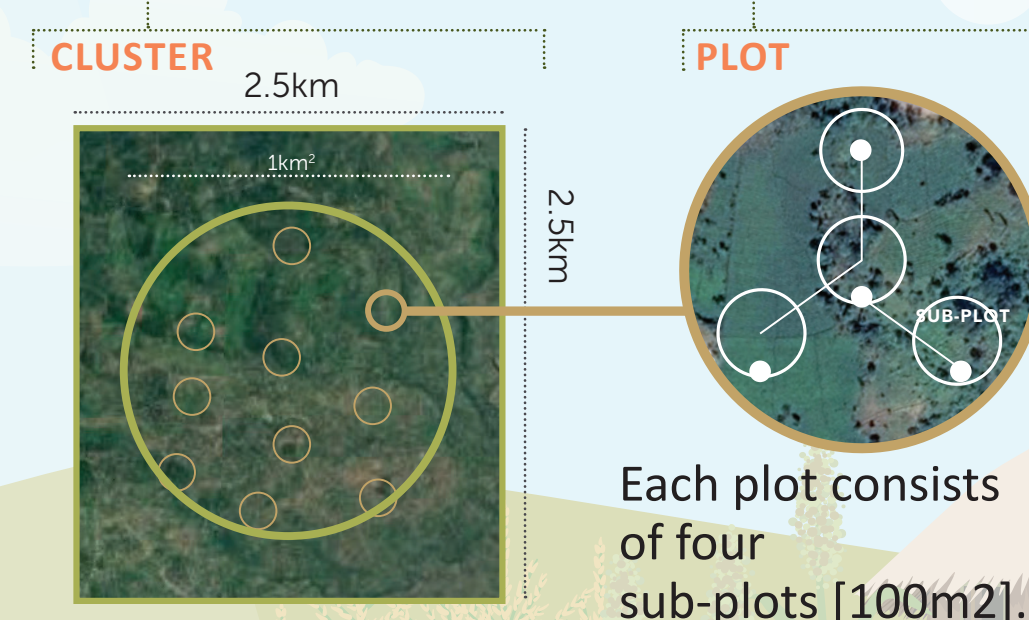
Citizen science using the Regreening App
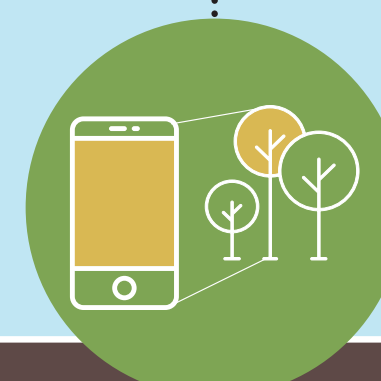
Geo-referenced data tracking implementation of land restoration activities on the ground using the Regreening App.

Engaging stakeholders in data collection - to track interventions and their impact

Interactive dashboards to review multiple sources of evidence for decision making

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Integrated monitoring Poster_07_07_22.indd 1