



Output 1.1.: Diversified agroforestry packages scaled-up

Activity 1.1.5: Establish and sustain 1 demonstration plot of 1-2 ha in each of the 100 sub-areas.

Report on Deliverables, 2023

Thirty-two (32) pilot agroforestry demonstration plots, totalizing 41.1 Ha, are in place in the 7 districts of the Eastern Province of Rwanda;

Engagement of 11 Farmer Field School Groups in the maintenance of established agroforestry demonstrations

Nearly 58,600 tree seedlings of drought resilient multipurpose species established in different agroforestry demonstration plots:

- Crop (maize)-legume agroforestry systems, with *Gliricidia sepium*, *Calliandra calothyrsus*, *Acacia angustissima*, *Leucaena diversifolia*, and *Entada abyssinica*
- Banana-based agroforestry system, with the planting of high value timber species of *Markamia lutea*, *Maesopsis eminii*, *Terminalia superba* and *Pterygota milderbraedii*;
- Contour and boundary planting with multipurpose shrub species including *Gliricidia sepium*, *Calliandra calothyrsus*, *Acacia angustissima* and *Leucaena diversifolia* ;
- Scattered upperstorey trees of *Grevillea*, *Markhamia*, *Maesopsis*, *Pterygota* and *Terminalia* for high value timber production and to demonstrate the role of trees to create moist and humid environment for crops, and how crops benefit from the fertilization that occurs when the leaves of the trees fall to the ground;
- Soil erosion control with hedgerows of *Gliricidia sepium*, *Calliandra calothyrsus*, *Acacia angustissima* and *Leucaena diversifolia*, planted on contours at appropriate spacing to reduce/control soil erosion control and restore land;
- Rotational blocks of fodder trees of *Calliandra* to provide supplements to livestock feeds in zero-grazing system.

Indicator of jobs created: The establishment and management of AF demonstrations generated employment for 2,093 casual workers (400 females, and 1,693 men).
