GREEN GICUMBI

$32M

In 2019, Rwanda received funding from the Green Climate Fund (GCF) to implement a project titled "Strengthening Climate Resilience of Rural Communities in Northern Rwanda." The project is locally known as the Green Gicumbi project, and is being executed by the Rwanda Green Fund.

PROJECT MAIN COMPONENTS

- Watershed protection and climate resilient agriculture
- Sustainable forest management and sustainable energy
- Climate resilient settlements
- Knowledge transfer and mainstreaming

PROJECT LIFESPAN

6 years

COVERAGE

9 Sectors

TARGETED DIRECT BENEFICIARIES

150k

TARGETED INDIRECT BENEFICIARIES

380K
Watershed Protection and Climate Resilient Agriculture

PROJECT ACHIEVEMENTS TO DATE

RADICAL TERRACES ESTABLISHED
600 hectares

PROGRESSIVE TERRACES ESTABLISHED
850 hectares

3 smart weather stations were established to provide climate services to farmers

GREEN JOBS CREATED
26,500
(51% women and 50.7% youth)

LAND FOR AGROFORESTRY ESTABLISHED
5,979 hectares

HIGH ELEVATION ESTABLISHED
40 hectares with coffee plantations

HIGH ELEVATION ESTABLISHED
50 hectares with tea plantations

ENHANCE ECONOMIC RESILIENCE
245 cows provided to vulnerable farmers

Rwf1.3B disbursed to 25 local cooperatives through Community Adaptation Fund (CAF) supported by World Bank.
### PROJECT ACHIEVEMENTS

#### TO DATE

- **1,254 hectares** of degraded forests rehabilitated
- **65,500** Tons of CO₂ (Equivalent) reduced to due project interventions
- **40** variable speed drives (VSD) installed in Mulindi tea factory for efficiency and reduction of carbon emission

<table>
<thead>
<tr>
<th>25,400</th>
<th>Households supported with clean cookstoves</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>tree nurseries established including 3 permanent nurseries.</td>
</tr>
<tr>
<td>10</td>
<td>domestic biogas installed</td>
</tr>
<tr>
<td>70</td>
<td>institution large stoves installed</td>
</tr>
</tbody>
</table>

- **300** Modern beehives distributed to 6 cooperatives and 40 beekeepers trained

One Tea drier and one fuel wood hangar installed in Mulindi Tea factory for efficiency and reduction of carbon emission
### Climate Resilient Settlements

**PROJECT ACHIEVEMENTS TO DATE**

<table>
<thead>
<tr>
<th>Achievement</th>
<th>Number</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check-dams</td>
<td>9,142</td>
<td>Constructed in gullies</td>
</tr>
<tr>
<td>Rainwater harvesting tanks (1,052m³)</td>
<td>306</td>
<td></td>
</tr>
<tr>
<td>Underground tanks and cisterns</td>
<td>74</td>
<td>65 Underground rainwater tanks and Cisterns (3,800m³) constructed</td>
</tr>
<tr>
<td>Infiltration ditches established on 63 hectares</td>
<td>16,913</td>
<td></td>
</tr>
<tr>
<td>Climate resilient dwelling units constructed, and occupied by vulnerable families relocated from high-risk zones</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Soak-away pits constructed</td>
<td>4,351</td>
<td></td>
</tr>
<tr>
<td>Channels protected with bamboo trees, shrubs, and grasses</td>
<td>70km</td>
<td></td>
</tr>
<tr>
<td>Layer chickens distributed to households relocated to Kabeza green settlement to enhance their economic resilience</td>
<td>200</td>
<td></td>
</tr>
</tbody>
</table>
PROJECT ACHIEVEMENTS
TO DATE

664
staff from GoR and NGOs trained in climate-resilient agriculture, sustainable forest management, watershed management and green settlements

77
local cooperatives empowered on climate resilience and trained on the development of environmental and climate change-related projects

29
cooperatives submitted their registration to Rwanda Cooperative Agency (RCA) for registration and 13 cooperatives are already registered by RCA

5,100
smallholder farmers supported and trained in climate resilient agriculture (CRA) through Farmer Field Schools

7,215
people trained in adaptation planning, project objectives and goals, climate change causes, effects, and mitigation measures.
Bricks made locally using biowaste

Green, and climate-resilient construction materials
Bricks made locally using biowaste

Effective water management
100% of rainwater captured from roofs

Energy efficiency
Each household has been provided with improved cookstoves that reduces firewood use by 60%

Greening
Agroforestry trees, ornamental trees and protective trees have been planted around the settlement

Solar lighting for access roads and common areas

Effective waste management