



ENVIRONMENT OVERVIEW

Objective 1: Environment and natural resources protected and restored and green livelihoods promoted using a catchment-based approach

With support from the Office of the Prime Minister, partners including district local governments continued to jointly implement environmental activities such as community mobilization and sensitization, environmental restoration and protection, raising tree seedlings, tree growing and maintenance and green livelihoods such as beekeeping, agroforestry and support to nursery operators albeit the challenges of COVID-19 pandemic and associated restrictions.

NFA continued maintenance activities for the 422 hectares restored in 2019 in the Central Forest Reserves (CFRs) of Eria and Era in Obongi district and Bugoma in Kikuube district. An additional 49 hectares of bamboo were planted in Era CFR to replace the areas affected by fires as part environmental restoration activities, bringing the cumulative restored area to 471 ha. Approximately 6.25 million assorted tree seedlings were raised across the 13 different nursery sites and by end of Q4 2020, 83% of these seedlings had been distributed to beneficiaries for planting with the remaining 122,741 seedlings unplanted because some of them became overgrown during the Covid-19 restrictions, losses from disease and insufficient water during the maintenance to Season II and the ungrafted fruit seedlings.

The established community woodlots across the operation were mainly maintained using agroforestry approaches such as taungya system where the trees are intercropped with food crops for the refugees and host communities who weed their crops while simultaneously weeding the woodlots.

KEY PERFORMANCE INDICATORS AND ACTIVITY OUTPUTS

Extent environmental risks associated with the operation are mitigated

Over **66** environment awareness sessions & **19** Radio Shows

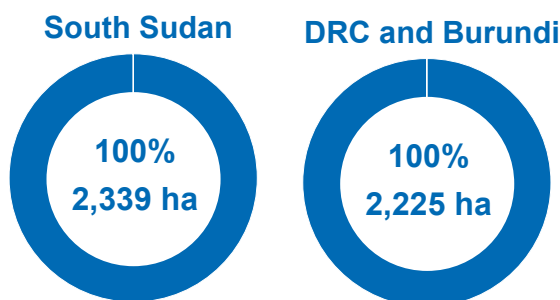
5 District Forest Resource Management Plans in development, **1** Energy Strategy developed for Kisoro

2 Settlement with Environment and Social Impact Assessments

5 Settlements with active Environment Protection Committees

2 Commemorations: World Environment Day, World Refugee Day

Hectares woodlots established and maintained



Total Target: 2,981 ha

5,070,142 Seedlings distributed by NFA (~1,111 trees per hectare)
42,873 Refugees and hosts engaged through cash for work
3 Community-Based Organizations supported
72 Tree nurseries supported, **5** nursery operator trained
3 (471 ha) Bamboo plantations assessed and monitored
376 Hectares of forest protected

Multi-year Humanitarian-Development Projects & Relevant Strategies:

- NDP III, Guidelines for Mainstreaming Environment and Natural Resources Issues into Sector Plans and Programmes 2020, World Bank DRDIP
- FAO/SIDA Climate Resilient Livelihoods for Women Economic Empowerment in West Nile and Karamoja Regions of Uganda (2018 – 2023)
- SIDA/CoS/NRC/ACF/LWF Mutual and Inter-related Resilience Programme (2019 – 2023)
- DANIDA Northern Uganda Resilience Initiative (NURI) – 2018 – 2022



ENERGY OVERVIEW

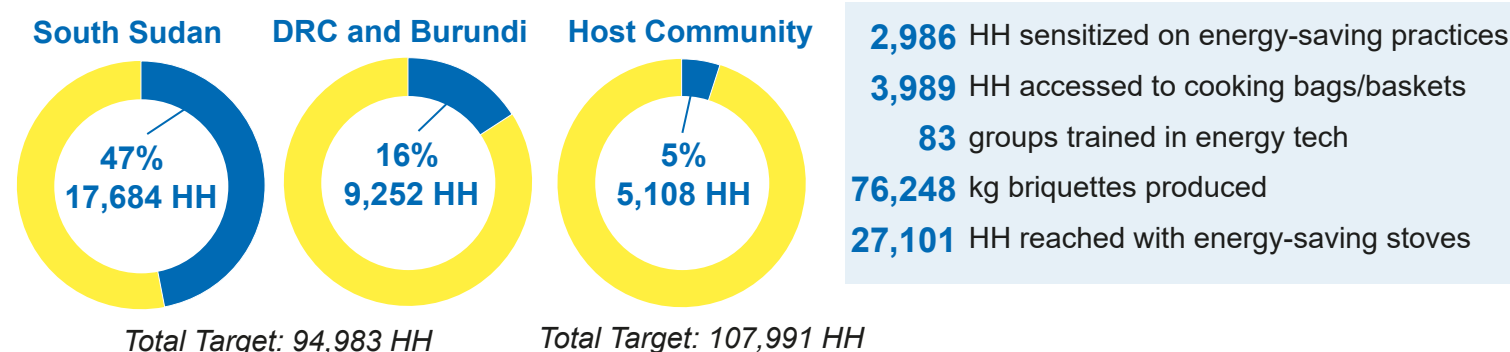
Objective 2: Access to sufficient and sustainable basic energy services for lighting, power and cooking increased and carbon emissions abated

Overdependence on wood fuel has resulted in marked environmental degradation over time in refugee hosting areas. This has led to increased scarcity of wood fuel which exposes women and children to SGBV during collection. The predominance of fuelwood coupled with the use of inefficient cooking technologies further has negative impacts on refugee health (indoor air pollution and malnutrition) and has potential to spur intercommunity conflicts. Promotion of sustainable energy saving technologies and alternative fuel options therefore could simultaneously address all the above protection issues.

Efforts are being made to increase access for rural and urban refugees especially through skills training for construction of energy-saving stoves and solar technicians, heat-retaining cooking baskets and briquette making, as income generating activities. Across the operation, 27,101 stoves were disseminated among refugee and host community households and 2,700 heat retaining baskets disseminated among urban refugee households by the end of 2020. Furthermore, a total of 76.2 tonnes of briquettes were produced in 2020 across the operation.

KEY PERFORMANCE INDICATORS AND ACTIVITY OUTPUTS

Access to Energy-Saving Equipment



2,986 HH sensitized on energy-saving practices
3,989 HH accessed to cooking bags/baskets
83 groups trained in energy tech
76,248 kg briquettes produced
27,101 HH reached with energy-saving stoves

Institutions Using Sustainable Energy

Institutions fit-up with stoves

4

Solar street lights installed

67

Multi-year Humanitarian-Development Nexus Projects

- USAID/Power Africa De-Risking Pay-As-You-Go Solar Home Systems in Uganda Refugee Settlements Project (2018 – 2020).
- Energy Solutions for Displacement Settings Uganda Project (2019 – 2022).
- I4SD Solar Generation for Diesel Replacement Project in Rubondo, Nakivale Settlement



INSTITUTIONAL STRENGTHENING OVERVIEW

Objective 3: Energy, environment and climate action programming and coordination strengthened and mainstreamed across all sectors.



Coordination

Water and Environment Sector Refugee Response Plan (WESRRP) published

Guidelines for Mainstreaming Environment and Natural Resources Issues into Sector Plans and Programmes 2020 published

- 9** WorkGrEEEn (E&E Working Group) monthly coordination meetings held at national level
- 8** Task Team Meetings held for the development of Sustainable Energy Response Plan (SERP).
- 12** Monthly coordination meetings for the Environment & Climate Change Development Partners Group (ECC DPG)
- 3** Water and Environment Sector Working Group Meetings, **1** Joint Technical Review Meeting for Water and Environment Sector, **1** Joint Annual Stakeholder Review meeting for Water and Environment sector held.
- 1** Water and Environment Sector Refugee Sub-group meeting held
- 1** Ministerial CRRF Steering Group meeting held



Water,
Sanitation &
Hygiene

32.9% Water pumped (**7,183,000** L/d) through renewable energy

- 4** Waste Management Facilities established



Shelter,
Settlement &
NFI

3,299 Individuals trained and engaged in sustainable construction

- 4** Settlement site plans updated with protected areas and woodlots



Education

- 5** Eco-clubs supported
- 2** Institutional Stoves installed in schools
- 16** Schools supported with woodlots



Livelihoods &
Resilience

Promotion of Green Livelihoods (Individuals trained)

- 167** Apiary and provision of **198** beehives provided
- 5,547** Agroforestry
- 46** Tree nursery operators



E&E Funding required (2020) **\$ 45M**

E&E Funding received (2020) **\$ 26.8M**



25
Partners

Operational Presence

