



### ENVIRONMENT OVERVIEW

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

The Office of the Prime Minister and partners have declared environmental protection and restoration a major priority and key humanitarian-development nexus issue in the Uganda Refugee Response. Partners including each refugee-hosting District Local Government, are supporting implementation and joint monitoring of environment sensitisation campaigns, catchment management, wetland demarcation and restoration, tree-marking, tree nursery operations, tree growing and maintenance and green livelihoods such as beekeeping, farmer-managed natural regeneration, agroforestry, value-addition of non-wood forest products such as shea nuts and fruits among other activities.

In 2019, the Ministry of Water and Environment formed a Refugee Response Sub-Group to steer the development of a sector-wide response plan that will guide a longer term development approach to the response. The National Forestry Authority also joined the response and is currently restoring 422 hectares of Central Forest Reserves adjacent to refugee settlements including 3 new bamboo nurseries and plantations while supporting scale-up of local and regional nurseries to produce over 8 million assorted species of seedlings to refugee and host communities by next year. A strong emphasis is being placed on tree survival after planting by using a community demand driven approach to species selection and cash for work for planting and maintenance.

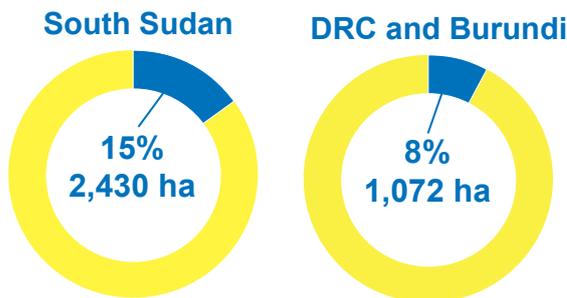
### KEY PERFORMANCE INDICATORS AND ACTIVITY OUTPUTS

#### Extent environmental risks associated with the operation are mitigated



- Over **441** environment awareness sessions & **12** Radio Shows
- 4** District Forest Resource Management Plans in development
- 5** Settlements with Environment and Social Impact Assessments
- 5** Settlements with active Environment Protection Committees
- 3** Commemorations: Uganda Water & Environment Week, World Environment Day, World Refugee Day Environment Protection Theme

#### Hectares of forests, wetlands, shorelines protected and restored



Total Target: 30,804 ha (0.1ha/HH)

- 3.1** Million assorted seedlings planted (~1,111 trees per hectare)
- 22,074** Refugees and hosts engaged through cash for work
- 3** Community-Based Organizations supported
- 48** Tree nurseries supported, **748** nursery operators trained
- 3** Bamboo plantations restored and supported (**162.3 ha**)
- 72,074** Trees marked for protection

#### Multi-year Humanitarian-Development Projects & Relevant Strategies:

- National REDD+ Strategy, National Bamboo Development Strategy, NDP III
- World Bank DRDIP, IWRM, Albertine-Graben Forest Landscapes Project
- FAO/SIDA Climate Resilient Livelihoods for Women Economic Empowerment in West Nile and Karamoja Regions of Uganda
- SIDA - Mutual and Inter-related Resilience Programme (Kyangwali)



### ENERGY OVERVIEW

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

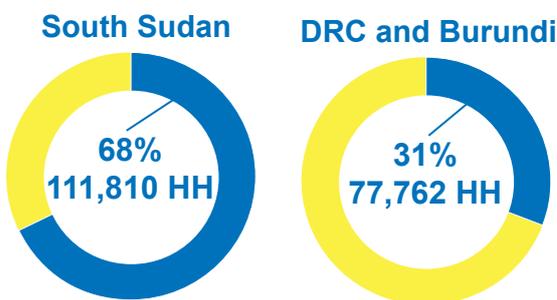
Insufficient safe access to sustainable energy is a major protection risk for refugees and host communities leading to health issues from smoke inhalation, malnutrition, exposure to sexual and gender-based violence while collecting firewood, forest degradation from over-harvesting biomass and threats to peaceful co-existence.

Efforts are being made to increase access for rural and urban refugees especially through skills training for construction of energy-saving stoves, heat-retaining cooking baskets and briquette production as income generating activities. All reception centres now have access to energy-efficient institutional stoves to reduce demand for firewood in cooking hot meals for thousands of new arrivals each year. In schools, bio-digesters and institutional stoves are being installed and over 60 eco-clubs are being supported across the response. As of mid-year reporting in 2019, over 10000 energy-saving stoves were accessed by refugee and host community households in addition to the 40% of refugee households already using these stoves.

The WorkGrEEen has drafted a Guiding Principles for partners to engage in household energy interventions that promote 1) Self-Reliance and Empowerment 2) Access to Quality Products 3) Ensure Coordination and Coherence. The Ministry of Energy and Mineral Development with support from GIZ will undertake the development of a Sustainable Energy Response Plan.

### KEY PERFORMANCE INDICATORS AND ACTIVITY OUTPUTS

#### Access to Energy-Saving Equipment



- 11,324** HH sensitized on energy-saving practices
- 596** HH accessed to cooking bags/baskets
- 115** groups trained in energy tech
- 114,059** kg briquettes accessed
- 5** urban refugee groups engaged in establishing energy kiosks
- 110** urban refugee women trained in fabricating cooking baskets

#### Institutions Using Sustainable Energy

Institutions fit-up with stoves

**44**

Solar street lights installed

**122**

*There is ongoing mapping of street lighting needs*

#### SCC/USADF Start-up Grants Awarded

##### Solar Today (Kamwenge)

- Solar Products Business

##### Power Trust Uganda (Kiryandongo)

- Solar Products Business Hub

##### AGA Great Works (Yumbe)

- Solar Mini-Grid

##### Raising Gabdho Foundation (Yumbe)

- Solar Mini-Grid
- Sustainable HH Energy

#### Humanitarian & Development Nexus Projects

- Power Africa/USAID - Smart Communities Coalition
- GIZ Energy Solutions for Displacement Settings (ESDS)
- GIZ Energising Development (EnDev)
- World Bank Energy Access Scale-Up



E&E Funding required (2019) **\$ 59M**

E&E Funding received (2019) **\$ 11M**



**56**  
Partners



### INSTITUTIONAL STRENGTHENING OVERVIEW

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



Coordination

- 1** MWE SWG Refugee Sub-Group established and response plan drafted
  - 12** National Working Group for E&E Meetings & 11 District-level E&E working groups
  - 1** Mid-Year Review Workshop
- E&E Issues included in upcoming assessments: FSNA, VENA, PSN Verification



Water, Sanitation & Hygiene

- 27%** Water pumped (**5,728,000** L/d) through renewable energy
- 4** New Waste Management Facilities established
  - *Waste management strategies to be developed for all settlements*



Shelter, Settlement & NFI

- 2,506** Individuals trained and engaged in sustainable construction
- 4** Settlement site plans updated with protected areas and woodlots



Education

- 62** Eco-clubs supported
- 46** Institutional Stoves installed in schools (including **6** biogas systems)
- 76** Schools supported with woodlots



Health & Nutrition

- 33%\*** of Health Facilities have no incinerator for medical waste management
- 30%\*** of Health Facilities have no source of power (**4%\*** HC III and **26%\*** HC II)
- 6%\*** of Health Facilities are connected to the grid
- 60%\*** of Health Facilities have access to solar power (**36%\*** are solar only)
- 30%\*** of Health Facilities use diesel generators (**7%\*** are generator only)



Livelihoods & Resilience

#### Promotion of Green Livelihoods (Individuals trained)

- 1,269** Farmer-managed natural generation
- 949** Apiary and provision of **630** beehives provide
- 1,269** Agroforestry
- 748** Tree nursery operators Abi Zonal Agricultural Research and Development Institute



Protection

- 3** Settlements mainstreaming energy in SGBV Awareness sessions
- 31** Solarisation of registration sites

# Operational Presence

## Yumbe

Caritas, CEFORD, DCA, RGF, DLG\*, FAO, RGF, SCC, UNDP, WVI, WFP, ZOA

## Koboko

DLG\*, HADS\*, WFP

## Arua

ACAV, ANCHOR, CARE, DCA, DLG\*, GIZ, IAS, ICRAF, Malteser, NRC, OXFAM, RICE-WN\*, UNDP, UNICEF, URCS, WFP, WVI, ZOA

## Kikuube

ANCHOR, DLG\*, FAO, NFA, RGF, WFP

## Kyegegwa

ACTED, BuildMe, CARE/JESE, DLG\*, DRC-KRC\*, SP

## Kamwenge

ADRA, DLG\*, LWF-HADS\*, SCC

## Isingiro

DLG\*, Nsamizi\*, WFP, VEDCO

## Obongi

DLG\*, LWF\*, NFA\*

## Lamwo

AWR, DLG\*, LWF\*, NFA\*

## Adjumani

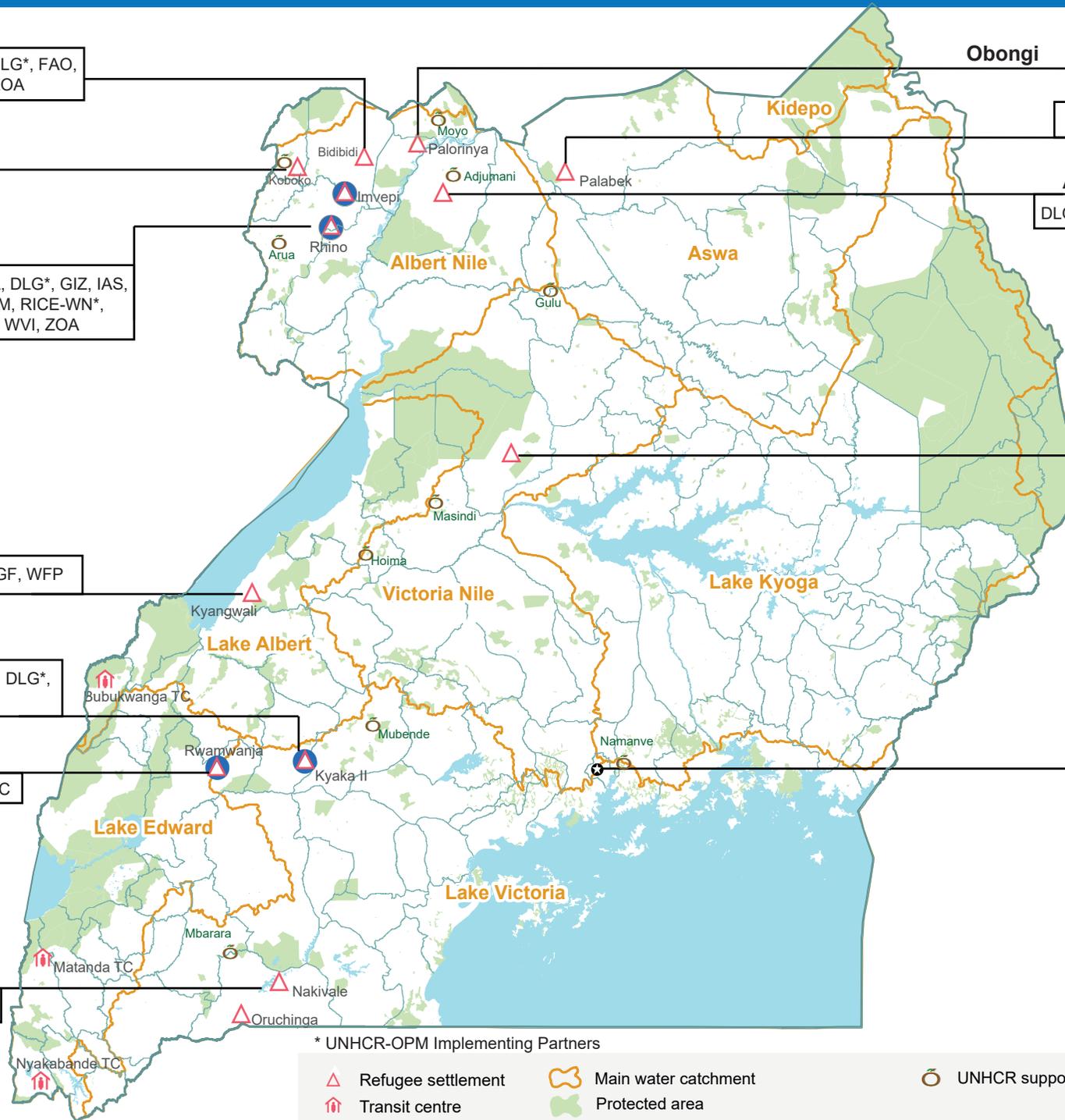
DLG\*, DRC\*, FAO, HAM, LWF\*

## Kiryandongo

DLG\*, DRC\*, SCC

## Kampala

DCA-RGF\*, NFA\*, UNDP



\* UNHCR-OPM Implementing Partners

- △ Refugee settlement
- 🌊 Main water catchment
- 🌳 UNHCR supported NFA nurseries
- 🏠 Transit centre
- 🌿 Protected area
- ★ Capital city
- 📍 Refugee settlement whose site plans are updated with protected areas and Woodlots
- District boundary