Provision of Humanitarian Air Services in DRC


World Food Programme in Congo, Democratic Republic of the (CD)
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Country Context and WFP Objectives

Country Context

The Democratic Republic of Congo (DRC) is the second largest country in Africa, covering an area of 2.34 million km² with an estimated population of 71 million people. Although rich in natural resources, including minerals and the world's second largest rainforest, DRC ranks 149th and 176th out of 188 countries on the 2015 UNDP Gender Inequality Index and Human Development Index respectively. The average per capita income is estimated at USD 488 in 2016, categorizing DRC as a Low Income Country. The economic growth rate has declined in the last three years and 46 percent of the workforce is unemployed.

The country is endowed with rich, fertile and diverse soil which presents tremendous opportunities for agricultural production and rural development. The DRC's current food production deficit is estimated to be between 30 to 40 percent. Seventy percent of the population lives below the poverty line and lacks access to adequate food.

Successive waves of violence and armed conflict during the last two decades have resulted in a state of protracted humanitarian crisis, with mass displacement, infrastructure deterioration and limited livelihood options for a majority of DRC's population. The Fragile States Index 2015, placed DRC in the category of "greatest concern and urgency," with widespread conflict and insecurity caused by the struggle for the control of natural resources, ethnic tension and activity of armed groups. OCHA records 2.1 million internally displaced people and the country hosts 449,764 refugees, according to UNHCR.

Poor infrastructures contribute to weak supply chains and agricultural markets. Less than 10 percent of the Congolese population have access to electricity. Production areas are isolated from the consumer markets as transport costs are extremely high. Only 2 percent of the national road network is paved, while 11 percent of
agricultural roads are in a good condition. Meanwhile, lack of storage facilities combined with inadequate processing methods lead to high post-harvest losses.

With more than half of food purchased, markets remain the main food source in DRC. Historically, food markets have been fragile and 2016 was no exception with the price of staple food commodities (mainly maize) almost doubling between May and December. Market prices are expected to continue to be unstable as the inflation rate remains high and the local currency depreciates in value.

The June 2016 Integrated Phase Classification (IPC) of acute food insecurity indicated that 5.9 million people were food insecure in 2016. Acute food insecurity mostly occurs in the eastern parts of the country, where armed conflict is prevalent. In non-conflict areas, limited access to social services (health, education, water and sanitation) and high poverty levels are the main contributing factors to food insecurity. Seventy-five percent of households have poor food diversity and the average daily food consumption is estimated at less than 1,500 kilocalories per person, well below the minimum to maintain a healthy life.

The prevalence of malnutrition in children under the age of five is high, with wasting at eight percent, stunting at 52 percent and anemia at 47 percent. Women are severely affected by malnutrition and 14.4 percent experience chronic energy deficiency, while 38 percent are anemic.

HIV prevalence in DRC stands at 1.2 percent, with women more affected (1.6 percent) compared to men (0.6 percent). Some 52 percent of people living with HIV suffer from acute malnutrition.

With WFP technical and financial support, the Government undertook a Cost of Hunger study in 2016. Preliminary findings indicate that in 2014, the country lost 4.56 percent of gross domestic product (GDP), equivalent to USD 1.7 billion due to hunger. Hunger increases household expenditure for health and education while productivity decreases.

The overall political situation remains volatile and the security situation tense, especially in the eastern provinces. Insecurity has now spread to the provinces of Kasai, Kasai Central and Kasai Oriental in the central region of DRC.

In this context WFP, the government and others humanitarian stakeholders work together in responding to the immediate humanitarian needs while ensuring longer term coordinated strategic approaches.

**Response of the Government and Strategic Coordination**

In 2016, the government finalised its National Strategic Plan of Development (PNSD), which outlines the Government's vision of making DRC an emerging country by 2030 and a developed country by 2050. The PNSD provides an overarching framework for implementing the Sustainable Development Goals (SDGs) and the African Unions's Agenda 2063. WFP and other UN agencies participated in the process of developing the PNSD, and advocated successfully for the inclusion of Sustainable Development Goals (SDG) 2 and 17 into the final document.

In line with SDG 2, as part of the PSND, the Government's Five-Year Plan (2017-2021) aims to significantly reduce hunger through: the sustainable increase in agricultural sector productivity; mobilisation of public and private sector investments; and improved accessibility, to quality food through social safety nets, especially for vulnerable populations. Furthermore, the five-year plan aims to establish a national early warning system as well as improve the resilience of rural and urban populations. The plan also targets investment in nutrition to ensure productive human resources for sustainable social and economic development in the country.

WFP also supported the Ministry of Planning's Observatory for Sustainable Development Goals (OCDD) in building national capacity to review the existing planning framework and prioritise national SDGs, including setting targets. Two targets have been prioritised for SDG 2. Target 2.1 "by 2030, eliminate hunger and ensure that everyone, especially the poor and vulnerable, including infants, have access throughout the year to a healthy, nutritious and adequate diet;" and target 2.2 "by 2030, eliminate all forms of malnutrition, including the achievement of internationally agreed targets for stunting and wasting among children under five by 2025 and meet the nutritional needs of adolescent girls and pregnant and nursing women and the elderly."

The formulation of the new United Nations Development Assistance Framework (UNDAF), which was planned for 2018-2022, was postponed to the period 2019-2023 in to align the process with the PNSD. The current Common Country Assessment (CCA) will facilitate the planning of the activities of the UN group under the next UNDAF.

At the sectoral coordination level, WFP leads the logistics cluster and co-leads the food security cluster (with FAO). The food security cluster is particularly important to ensure efficiency and effectiveness of the food assistance response to displaced populations in conflict zones. WFP also participates in the process of the Humanitarian Action Plan, ensuring the prominence of food security. Other coordination fora include the inter-cluster meeting chaired by OCHA.
The Scaling up Nutrition (SUN) movement has been active in DRC since 2013. Currently, four SUN platforms are active (civil society, academia, donors and UN agencies). At the request of the Government, two Renewed Efforts Against Child Hunger and Undernutrition (REACH) missions were carried out in 2016. These missions consolidated the UN-SUN team and adapted the 2016-2017 UN-SUN roadmap.

All these coordination mechanisms contribute to the achievement of WFP operational objectives.

Summary of WFP Operational Objectives

While maintaining its humanitarian assistance capacity in response to the complex country context, WFP continues developing partnerships and increasing its role in supporting long-term recovery and resilience interventions as well as supporting the Government in addressing hunger and malnutrition. WFP's portfolio in 2016 included the following operations:

1. **PRRO 200832** - The Protracted Relief and Recovery Operation (PRRO) is the main WFP vehicle of delivering food assistance in the DRC and aims to assist 3.2 million people by: providing life-saving food assistance to Internally Displaced Persons (IDPs) and refugees in crisis-affected areas; contributing to reducing the prevalence of acute malnutrition; increasing the resilience of severely food insecure communities to shocks; and enhancing national capacity to respond to disasters. The project started in January 2016 and ends at the end of 2017.

2. **EMOP 200799** - Under this Emergency Operation (EMOP), WFP provides food assistance to approximately 58,000 refugees from the Central African Republic (CAR), settled in four camps in North and South Ubangi provinces. WFP, together with FAO, targets refugees and vulnerable host communities in the periphery of the camps through seasonal asset creation activities to improve self-reliance of refugees and peaceful co-existence with host communities. WFP also provides treatment for moderate acute malnutrition (MAM) to children aged 6–59 months and pregnant and lactating women (PLW) in refugee populations and vulnerable host communities, as well as food by prescription for malnourished Antiretroviral Therapy (ART) clients. This project runs until the end of 2017.

3. **Trust Fund 200888** - The Swiss Agency for Development and Cooperation (SDC) provided USD 2.1 million for a joint UN (UNICEF, FAO and WFP) pilot project aimed to improve the nutritional status of the population in Bunyakiri, South Kivu Province. WFP received USD 1.5 million for prevention of chronic malnutrition under this Trust Fund. The project ends in May 2017.

4. **Trust Fund 201038** - This multi-donor Trust Fund for smallholder farmer value chain and livelihoods development (Purchase for Progress, P4P) was approved in January 2017 and runs until December 2021. The activities are implemented in North Kivu, South Kivu, Tanganyika, Equateur and South Ubangi province. An estimated 62,500 households of smallholder farmers (410,000 individuals) will be supported through this project. The Trust Fund contributes to the restoration of commodity markets in the country.

5. **SO 200789** - The UN Humanitarian Air Service (UNHAS) Special Operation (SO), provides reliable links between the capital and the eastern provinces, as well as access to deep-field locations, including the former Equateur Province. UNHAS facilitates safe, reliable and predictable air transport services to enable humanitarian actors and donors to undertake projects, supervise and monitor activities.

6. **SO 200661** - This Special Operation aims to strengthen food security cluster coordination in DRC. WFP and FAO co-leads, with Action Against Hunger (ACF) as the facilitator, to coordinate relief through: strengthening existing national and local humanitarian management and coordination systems, building on local capacities through the active participation of women and men from the affected population; and ensuring the coordination of rapid food security response to displaced populations and through the development of strategic action plans that include multi-sector assessments, response analysis and Integrated Phase Classification (IPC).

7. **SO 200747** – The Logistics Cluster Special Operation (SO) runs until the end of March 2017. The Cluster aims to strengthen coordination and increase the humanitarian community's responsiveness to repeated emergencies by: facilitating a coordinated humanitarian logistics response, including advocacy with donors to obtain funding for logistics projects aimed at facilitating access to beneficiaries in remote areas; promoting and facilitating sharing of logistics information among all humanitarian organizations; and identify logistics bottlenecks and gaps and providing logistics support and services to enable the humanitarian community to respond effectively.

8. **SO 200864**: This Special Operation aims to repair 110 km of roads to improve humanitarian access to vulnerable populations and allow smallholder farmers to transport their produce to nearby markets.

In summary WFP programmes provided food assistance in the framework of Protracted Relief and Recovery Operation (PRRO) which focuses on live saving interventions and the reduction of acute malnutrition in conflict affected areas in the East. In the areas where there is a relative return of peace, internally displaced persons (IDPs)
are returning to restart their lives. In these areas, WFP implemented recovery activities to rehabilitate social and productive assets. In Ex-Equateur Province, WFP also implemented an Emergency operation to provide food assistance to refugees from Central African Republic. Additionally, WFP worked with partners including Rome based agencies to implement P4P with the aim of supporting smallholder farmers to rehabilitate their livelihoods. All these projects were implemented under stringent resource constraints.
Country Resources and Results

Resources for Results
In 2016, WFP resourced 60 percent of the overall requirement, thereby restricting capacity to meet objectives. Adapting to this level of resourcing, WFP prioritised life-saving interventions, particularly for refugees and newly displaced populations. Some of the planned asset creation activities had to be scaled down. A robust resource mobilisation strategy has been developed.

Due to the funding situation, WFP had challenges maintaining the levels of cash based transfers from the previous year, especially under PRRO 200832. Furthermore, some contributions were earmarked for specific activities, restricting flexibility to allocate resources between in-kind food and cash based transfers as needed.

Following the large in-migration of refugees from South Sudan, as well as increased levels of conflict and consequent displacement in the eastern parts of the country, the UN system successfully mobilised funds from the Central Emergency Relief Fund (CERF) and other UN Pooled Funds. WFP also made use of WFP's Immediate Response Account (IRA) which ensured that food assistance to IDPs and refugees could continue uninterrupted.

The United States Agency for International Development / Food-for-Peace (USAID/FFP), remains the biggest donor for WFP's operations in DRC, while Canada, Japan, UN Pooled Funds, the Central Emergency Relief Fund (CERF), Belgium, the United Kingdom (UK), the European Commission (EC) and Switzerland provided much needed resources. WFP continues to engage with donors to sustain and increase funding levels.

Achievements at Country Level
The EMOP and the PRRO aim to save lives and protect livelihoods in emergencies, support or restore food security and nutrition, and establish or rebuild livelihoods in fragile settings. In the context of limited resources, WFP and partners had to follow a rigorous planning and implementation process under these two projects, prioritising lifesaving and livelihood activities.

In 2016, WFP provided food assistance to over 1.3 million people, considerably improving their food security and nutritional status. More than 40,000 mt of food commodities and cash transfers valued at over USD 15 million were distributed. The PRRO accounts for 97 percent of the in-kind food distributed in the country.

The Purchase for Progress (P4P) Project contributed to building the capacity of 19,000 households of smallholder farmers and their organisations in agricultural production and processing, while strengthening social cohesion and gender equality. Training was provided to more than 4,000 farmers, of whom 59 percent were women. Female leadership training and sensitisation sessions were organised to improve project management. Furthermore, the P4P project improved rural infrastructure, with seven warehouses and ten dryers being built. Market access was also improved and 116 metric tons of maize was purchased from P4P participants in 2016.

The WFP, FAO and UNICEF joint pilot project, preventing chronic malnutrition, aimed to improve the nutritional status of children aged 6-23 months and pregnant and lactating women in the Bunyakiri health zone in South Kivu Province. This project provided an opportunity for UN agencies to develop an integrated approach to prevent stunting. The joint effort focused on improving infant and young child feeding practices, dietary intake of children and pregnant and lactating women (PLW), improving household food security and strengthen multi sectoral coordination. The project targets 9,500 children aged 6-23 months, 10,000 pregnant and lactating women and 2,700 households.

UNHAS provided humanitarian air support to improve access to vulnerable remote areas, serving 40 destinations and transporting an average of 2,200 passengers per month. About 200 humanitarian organisations benefited from UNHAS services and 43 mt of light cargo was transported and 52 medical evacuations were carried out.

The Special Operation "Food Security Cluster", implemented jointly with FAO, aimed to strengthen the coordination and information management system. The cluster ensured the coordination of rapid food security response to displaced populations and the development of strategic action plans including multi sector assessments, response analysis and Integrated Phase Classification (IPC). Food prices were also monitored on a regular basis. In 2016, nine bulletins were produced and shared with stakeholders across the country. The Food Security Cluster also enabled greater collaboration and partnerships with UN agencies, NGOs, the Red Cross and Red Crescent Movement, donors and other stakeholders to ensure a holistic response with existing mechanisms such as the Rapid Response to Population Movement (RRMP).
With WFP support, the Government, through the Ministry of Agriculture, established a system to collect data on food production (CCSAP/SIG - Cellule technique de Coordination de la Sécurité Alimentaire et Alerte Précoce avec un Système d'Information Géographique). The Government also carried out the Cost of Hunger study with technical support from WFP.

The Special Operation "Logistics Cluster Coordination" contributed to build local capacity and support Disaster Risk Reduction (DRR) and Emergency Preparedness efforts to strengthen the Government's overall disaster response skills. The project strengthened coordination and increased humanitarian community responsiveness to the recurrent emergencies. The Logistics Cluster served 148 partners and 94 bulletins and maps were produced and shared with cluster members. Four hundred and fifty people, of whom 54 were women, were trained on geographic information systems (GIS) and information management.

In 2016, WFP scaled up Mobile Vulnerability Analysis Mapping (mVAM) by using mobile phones to collect food price data in support of the national market information system. WFP also provided technical support to the national disaster management system to implement an early warning system. In addition, support was provided to strengthen the national food security coordination cell.

WFP rolled out a new system for Beneficiary Information Management (BIM) using the digital platform SCOPE. SCOPE is WFP’s corporate digital platform for beneficiary registration and data management. In 2016, one million beneficiaries were enrolled in this system. This exercise, led by a Change Manager and supported by a surge team, showed that standardising beneficiary information and improving data quality will need to be further streamlined in WFP’s processes. WFP is also engaged in building partnership with UNHCR, World Vision and IOM to collaborate and share beneficiary data.

WFP has been selected to pilot gender age marker and training was provided to 144 staff members, including 44 women. Eighty-eight partner staff from NGOs and government bodies were also trained.

### Annual Country Beneficiaries

<table>
<thead>
<tr>
<th>Beneficiaries</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Children (under 5 years)</td>
<td>125,267</td>
<td>150,320</td>
<td>275,587</td>
</tr>
<tr>
<td>Children (5-18 years)</td>
<td>181,842</td>
<td>207,543</td>
<td>389,385</td>
</tr>
<tr>
<td>Adults (18 years plus)</td>
<td>284,643</td>
<td>335,397</td>
<td>620,040</td>
</tr>
<tr>
<td><strong>Total number of beneficiaries in 2016</strong></td>
<td>591,752</td>
<td>693,260</td>
<td>1,285,012</td>
</tr>
</tbody>
</table>

Congo, Democratic Republic of the (CD) 8 Single Country Special Operation - 200789
### Annual Food Distribution in Country (mt)

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Cereals</th>
<th>Oil</th>
<th>Pulses</th>
<th>Mix</th>
<th>Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional EMOP</td>
<td>934</td>
<td>72</td>
<td>260</td>
<td>66</td>
<td>12</td>
<td>1,345</td>
</tr>
<tr>
<td>Single Country PRRO</td>
<td>25,752</td>
<td>1,983</td>
<td>7,361</td>
<td>3,302</td>
<td>420</td>
<td>38,818</td>
</tr>
<tr>
<td><strong>Total Food Distributed in 2016</strong></td>
<td><strong>26,686</strong></td>
<td><strong>2,055</strong></td>
<td><strong>7,621</strong></td>
<td><strong>3,369</strong></td>
<td><strong>432</strong></td>
<td><strong>40,163</strong></td>
</tr>
</tbody>
</table>

**Country Beneficiaries by Gender and Age**

- **54%** Female
- **46%** Male
Cash Based Transfer and Commodity Voucher Distribution (USD)

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Cash</th>
<th>Value Voucher</th>
<th>Commodity Voucher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional EMOP</td>
<td>4,906,237</td>
<td>-</td>
<td>3,057,708</td>
</tr>
<tr>
<td>Single Country PRRO</td>
<td>2,816,641</td>
<td>3,159,930</td>
<td>1,016,995</td>
</tr>
<tr>
<td>Total Distributed in 2016</td>
<td>7,722,878</td>
<td>3,159,930</td>
<td>4,074,704</td>
</tr>
</tbody>
</table>

Supply Chain

In 2016, most food commodities were purchased locally in line with the strategy to boost local markets, cut costs and reduce lead times. Regional purchases (from Kenya, Tanzania and Zambia) through WFP’s Global Commodity Management Facility (GCMF) covered the gaps that local purchases were not able to fill.

WFP continues to explore the possibility of increasing local purchases as well as expanding the food basket to other locally available commodities, such as palm oil. This would continue to motivate medium and small-scale farmers and develop local agriculture.

The combination of commercial transporters and WFP trucks allowed timely deliveries to beneficiaries. Transport costs remain high as a result of extremely poor road and bridge conditions. In addition, insecurity limited access to some locations. WFP contracted 75 commercial transporters (road, air, river and railway) to supplement 47 WFP trucks to deliver food assistance to beneficiaries.

WFP significantly reduced the level of losses in 2016 to 0.12 percent overall. Losses mainly occurred during transportation and distributions conducted by cooperating partners and in WFP warehouses. The value of transport losses were recovered from transporters’ invoices. WFP conducted training on food quality control and focus continues to be put on improving and strengthening warehouse management.

Ensuring food quality is paramount to WFP. Blue boxes, tools for assessing grain quality, were positioned in the field to enhance food quality control.

Food quality training, mostly targeting women, was conducted for smallholder farmers under the purchase for progress (P4P) programme.

Market assessments were a prerequisite prior to cash based transfer interventions to ensure that markets were functioning. The capacity of retailers was also assessed before starting the voucher operation.

Annual Food Purchases for the Country (mt)

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Local</th>
<th>Regional/International</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beans</td>
<td>3,237</td>
<td>-</td>
<td>3,237</td>
</tr>
<tr>
<td>Corn Soya Blend</td>
<td>-</td>
<td>383</td>
<td>383</td>
</tr>
<tr>
<td>Iodised Salt</td>
<td>-</td>
<td>286</td>
<td>286</td>
</tr>
<tr>
<td>Maize</td>
<td>116</td>
<td>-</td>
<td>116</td>
</tr>
<tr>
<td>Maize Meal</td>
<td>16,359</td>
<td>378</td>
<td>16,737</td>
</tr>
<tr>
<td>Ready To Use Supplementary Food</td>
<td>-</td>
<td>665</td>
<td>665</td>
</tr>
<tr>
<td>Rice</td>
<td>337</td>
<td>900</td>
<td>1,237</td>
</tr>
<tr>
<td>Commodity</td>
<td>Local</td>
<td>Regional/International</td>
<td>Total</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------</td>
<td>------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>Vegetable Oil</td>
<td>-</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>20,049</td>
<td>2,630</td>
<td>22,679</td>
</tr>
<tr>
<td>Percentage</td>
<td>88.4%</td>
<td>11.6%</td>
<td></td>
</tr>
</tbody>
</table>

**Annual Global Commodity Management Facility Purchases Received in Country (mt)**

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beans</td>
<td>100</td>
</tr>
<tr>
<td>Corn Soya Blend</td>
<td>628</td>
</tr>
<tr>
<td>High Energy Biscuits</td>
<td>20</td>
</tr>
<tr>
<td>Ready To Use Supplementary Food</td>
<td>326</td>
</tr>
<tr>
<td>Split Peas</td>
<td>672</td>
</tr>
<tr>
<td>Vegetable Oil</td>
<td>403</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>2,149</td>
</tr>
</tbody>
</table>

**Implementation of Evaluation Recommendations and Lessons Learned**

**Implementation of Evaluation Recommendations**

WFP followed up on evaluation recommendations from the Country Portfolio Evaluation (CPE, 2009-2013), especially regarding recommendation 4: “transition to a country programme to help WFP move away from a purely humanitarian approach towards one that is more development-oriented, adopting a development-oriented approach in nutrition interventions”.

In 2016, WFP started implementing a joint project for stunting reduction and prevention together with UNICEF and FAO. The project aims to improve the nutritional status of children and mothers through a direct nutrition intervention to prevent stunting and this is the first time that WFP engaged in stunting prevention in DRC. Lessons learned from the initial phase of project implementation demonstrated that a multi-sectoral approach is effective in improving the quality of nutrition services in the health sector. The project is an example of strong collaboration between the various ministries including health and agriculture. Active community involvement, coupled with Social Behaviour Change Communication (SBCC) has contributed towards promoting increased use of health services. A cash based transfer (CBT) review mission highlighted some good practices and provided recommendations on Standard Operating Procedures (SOPs). The review determined that cash-based operations are well received by beneficiaries and partners, indicating no major bottlenecks in the delivery of assistance.

**Operational Lessons Learned**

Due to intensified conflict in some areas, new strategic partnerships with other food security actors enabled rapid large-scale responses. For example, WFP and its partner World Vision teamed up with international NGOs Solidarite Internationale and the Norwegian Refugee Council (NRC) to conduct a door-to-door household registration exercise in less than a week. This was followed by a joint WFP- International Committee of the Red Cross (ICRC) food intervention. Furthermore, WFP established a system for monitoring population movements following conflict or natural disasters in eastern DRC.

Early in 2016, the Logistics Cluster carried out a Lessons learned exercise and implemented a series of actions to address key recommendations, including recruiting a Regional Officer to strengthen inter-linkages between the capital and the field and revitalize the regional and provincial partners network and pro-actively coordinating bilateral liaison with partners to facilitate the identification and realization of the Logistics Cluster activities.
In December 2016, a cross-functional mission from WFP Headquarters and the Regional Bureau, FITTEST (Fast IT and Telecommunications Emergency Support Team based in Dubai) and the Nairobi Competency Center, helped the country office prepare for a potential rapid cash based transfer (CBT) intervention in urban areas.
Smallholder farmers support in the DRC through the Purchase for Progress (P4P) initiative

Despite the fragile situation in DRC, agriculture remains the main sector of the country’s economy, contributing to over 40 percent of the GDP and employing over 70 percent of its population.

In rural areas, nearly 94 percent of the population depend on agriculture and farming activities for their livelihoods. Yet, the sector is predominantly characterised by subsistence, smallholder farming on fragmented parcels of land.

Since 2010, WFP and FAO have worked in collaboration with the Government to support smallholder value chains in DRC through the “Joint smallholder Value Chains Initiative” or “Purchase for Progress (P4P)” programme. The programme aims to improve food security and smallholder farmers' livelihoods by reviving agricultural production and commodity markets.

Through P4P, WFP and FAO have worked with the Ministry of Agriculture technical departments, Cooperative Unions and partners to strengthen smallholder farmers’ capacity to produce, store, aggregate, and market commodities. In addition to Tanganyika and Equateur provinces, P4P was extended to include North Kivu in 2016. Around 19,000 households of smallholder farmers (123,000 individuals) were supported in 2016. Nearly 40 percent of whom were women.

Gender oriented activities were implemented, including income diversification supports and functional literacy trainings for women groups, with the aim of enabling women to actively participate in the development of their communities. Strong synergies with the PRRO activities were developed, especially the combination of Food Assistance for Assets (FFA) and Food Assistance for Training (FFT) with P4P activities to develop resilient livelihoods for vulnerable households.

Asset development and rehabilitation was undertaken using the Food Assistance for Asset (FFA) modality (cash/food for work). Less technical work such as basic rehabilitation of feeder roads was generally conducted in partnership with community-based organisations such as farmers' organisations and Local Committees for Road Repair (CLER). Works were undertaken with the supervision of government specialised services, mainly the Inspectorate for Rural Development (IDR).

P4P was instrumental in strengthening the partnership between Rome-Based Agencies (RBA) in the DRC in 2016. Joint activity planning and implementation, field visits and the development of common positions on issues pertaining to food security, the achievement of zero hunger and the SDGs were realised in 2016. In October 2016, WFP and the Government (through the Ministry of Agriculture) signed a Memorandum of Understanding to collaborate on smallholder farmer capacity development.
Project Objectives and Results

Project Objectives

DRC remains in the midst of a complex emergency where access to vulnerable communities is a continuing challenge for humanitarian actors. DRC's massive land area and its extremely poor road network make air transport the most effective means of travel, but local and commercial air operators do not meet international aviation standards due to high operational risks.

The United Nations Organisation Stabilisation Mission in the DRC (MONUSCO), Médecins Sans Frontières (MSF), and the Humanitarian Aid and Civil Protection Department of the European Commission (ECHO) provide some air transport services, but do not cover all the needs of the humanitarian community. It was against this background, and at the request of the United Nations Country Team (UNCT), that WFP established the United Nations Humanitarian Air Service (UNHAS) operation in 2008.

The project was then implemented through WFP Special Operation 107440 and Special Operation 200504 until 31 December 2014. Due to a continuing need for humanitarian assistance in the country and an increased demand for UNHAS services, a new Special Operation 200789 began on 01 January 2015 and ran until 31 December 2016.

The objectives of this Special Operation are to:

- Provide safe, flexible, efficient, and cost-effective air transport services to the humanitarian sector, UN agencies, NGOs, diplomatic missions and donor representatives;
- Transport light cargo such as medical supplies, high energy foods and information and communications technology (ICT) equipment; and
- Provide timely medical evacuations (MEDEVAC), casualty evacuations (CASEVAC) and security evacuations (SECEVAC) when required.

These objectives are aligned with WFP's Strategic Objective 1 to Save Lives and Protect Livelihoods in Emergencies, as well as the DRC 2016 Humanitarian Action Plan (HAP) which defined the lack of humanitarian access in the country as a key obstacle to the implementation of humanitarian efforts.

Approved Budget for Project Duration (USD)

<table>
<thead>
<tr>
<th>Cost Category</th>
<th>Amount (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity Dev.t and Augmentation</td>
<td>49,365,922</td>
</tr>
<tr>
<td>Direct Support Costs</td>
<td>3,712,562</td>
</tr>
<tr>
<td>Indirect Support Costs</td>
<td>3,715,494</td>
</tr>
<tr>
<td>Total</td>
<td>56,793,978</td>
</tr>
</tbody>
</table>

Project Activities

Through this Special Operation, UNHAS served more than 42 regular and 31 ad-hoc destinations across the country and provides reliable links between Kinshasa, the capital city, and access to deep-field locations within the eastern provinces and in the South and North Ubangi provinces (former province of Equateur).

In total, UNHAS supported 189 user organisations (152 NGOs, 20 UN partners, and 17 donor/diplomatic agencies). The operational fleet consisted of six fixed wing aircraft (one EMB145 50-seater which was changed to EMB135 37-seater in September, one Beechcraft 1900 19-seater, two DHC-8 37-seater each, and two C208B 12-seater) and one Mi-8 helicopter 22-seater. These assets were positioned strategically in Kinshasa, Goma, Dungu, Kalémie, Lubumbashi and other locations as required, and tasked with responding to humanitarian needs. An additional 12-seater Cessna caravan was contracted in the last quarter of 2016 and deployed to Dungu town to reinforce
humanitarian activities aimed to assist South Sudanese refugees in Haut and Bas Uele provinces.

Organisations were registered as UNHAS users through an established procedure, with the Office for the Coordination of Humanitarian Affairs (OCHA) support. Passenger bookings were checked against the list of staff submitted by the user organisation and accepted by UNHAS. Controls were in place to ensure the proper identification of the passenger and purpose of the travel.

Stakeholder engagement was fostered through the User Group Committees (UGC) which met regularly throughout the country. The UGC handled administrative matters, provided feedback on service quality and identified destinations to be served. A Steering Committee (SC) was in place in Kinshasa to define operational requirements and air transport priorities, and to determine eligibility of service users. A total of 26 UGC and SC meetings were held in 2016.

Destinations to be served were determined by the user organisations following a consultative process through User Group and Steering Committee meetings.

In addition to stakeholder consultations such as UGC and SC meetings, three surveys were launched on customer satisfaction and access provision with an aim to collect feedback from a wider audience and tailor the use of air assets to real demands.

Several capacity development activities were carried out in 2016. UNHAS staff participated in Aviation-Emergency Response Plan exercises as well as trainings on International Air Transport Association (IATA) Aviation Security (AVSEC), IATA Dangerous Goods Regulations (DGR) and IATA Safety Management System (SMS). These training initiatives were actively complemented with on-the-job training for airfield focal points and other staff.

The operation's risk and quality levels were monitored and reviewed regularly by the WFP Aviation Safety and Quality Assurance unit's experts who perform routine evaluations to ensure that the operation maintains the highest standards of safety and compliance.

Operational Partnerships

In 2016, UNHAS actively engaged in building new partnerships, while maintaining Technical Service Agreements (TSA) with MONUSCO and the UN High Commission for Refugees (UNHCR). Over this period, the MONUSCO TSA assisted UNHAS with ground and passenger handling, aviation fuel, security and safety services in most of the airports where UNHAS operated.

UNHAS supported and monitored activities of Aviation Sans Frontieres France (ASF-F), an NGO which provided humanitarian aviation services in the ex-Equateur and ex-Orientale provinces in 2016. ASF-F operated two aircraft (Caravan C-208 B), with one dedicated to support the reinforced response to the South Sudan refugee crisis.

UNHAS also supported DRC Civil Aviation Authority (CAA) in implementing ECCAIRS 5 (European Coordination Centre for Accident and Incident Reporting Systems) in coordination with the Air Transport Unit in Rome and with the Aviation Safety Unit.

Additionally, other partners supported UNHAS in implementing its operation through runway maintenance, namely Agro Action Allemande in Punia (Maniema), Catholic Relief Services (CRS) in Doruma (Haut-Uele) and Ango (Bas-Uele), Samaritan Purse (Ango and Faradje) and UNDP also carried out runway maintenance in Nyunzu (Tanganyika).

Performance Monitoring

UNHAS carried out regular needs assessments through User Groups, Steering Committees and other forums. In total, 26 User Groups, three Steering Committee meetings and three user surveys were conducted to measure end-user needs and satisfaction. This was also used to identify areas requiring enhanced air transport support.

The Performance Management Tool (PMT) developed by WFP Aviation Service was utilized to monitor, measure and maximize the efficiency and effectiveness of the UNHAS fleet. The system monitored bookings served, operational cost per passenger, aircraft utilization, on time performance and analysis of traffic to destinations. UNHAS deploys a modern flight management application (Take-flite) for flight planning, reservations, reporting, as
well as financial management of the operation. Take-flite offers a user-friendly platform that enables online booking for the numerous service users.

The project was supported by WFP's Aviation Safety Unit (ASU) through the Regional Aviation Safety Office (RASO) in Johannesburg (RBJ). The safety officer performed three visits to evaluate the operational risk level of operators and undertook aircraft inspections that ensured that the operation was conducted within acceptable limits. Safety management and an occurrence reporting system were used to mitigate risk. This included a thorough follow-up of the project’s Aviation Safety Program (ASP) and Aviation Emergency Response Plan (A-ERP). UNHAS implemented the use of ECCAIRS 5 at local level in coordination with RASO Johannesburg.

Results/Outcomes

In 2016, UNHAS provided 189 humanitarian organisations including UN agencies, NGOs and diplomatic missions access to 42 scheduled and 31 non-scheduled locations, within DRC and across the border in the Republic of Congo and the Central African Republic. Aircraft operated on a regular fixed schedule, performing an average of 426 flight hours per month.

UNHAS published a weekly flight schedule, with the additional flexibility to adjust to requests for special flights. In cases of emergency, UNHAS increased flights to rapidly respond to the needs of the humanitarian community. The schedule was reviewed regularly to meet changing humanitarian needs.

The extension of UNHAS operations to Haut and Bas-Uele and increased ad hoc helicopter flights led to increased number of passengers, cargo and destinations served. The introduction of commercial airlines, and some of the registered agencies not flying with UNHAS, resulted in a reduced number of agencies served compared to the previous year. During the reporting period, some flights were cancelled due to bad weather and scheduled aircraft maintenance; this together with priority being given to medical evacuations.

While the number of organisations served was lower than expected, the number of passengers and amount of cargo transported slightly exceeded expectation. During the year, a monthly average of 2,289 passengers were transported and 47 mt of cargo was airlifted, an increase of 4 percent and 18 percent respectively compared to 2015. In 2016, UNHAS carried out 109 security evacuations, 52 medical evacuations and 3 casualty evacuations. One hundred percent of all requested medical evacuations were performed.

The response from the three customer survey done in 2016 was positive. Overall, 85 percent of the respondents were satisfied with UNHAS services. In total, 80 percent of the respondents were satisfied with the booking process, while the level of satisfaction with the check-in process was 85 percent, 90 percent with the boarding process and 82 percent with the destinations served.

A Thank You message from a partner

I would like to express our thanks for the amazing efforts made to arrange for a flight to Munkoto in North Kivu, on 15 January, when the planned road mission by an inter-cluster team was prevented by exceptionally heavy rain. The flight to this new location was organized and affected so as to allow us adequate time in Munkoto where we were looking at the situation after the dismantling and burning of an IDP site. The crew were also very helpfully and made a circuit of the site so that we could see the real extent of the damage from the air. We would also like you to thank the crew on our behalf." (Hazel Siri, Head of Sub-Office Goma, OCHA DRC)
Figures and Indicators

Data Notes
Cover page photo © WFP/ Maribeth Black
"WFP visit to rural Buleusa, North Kivu, DRC, to meet with community leaders."

Project Indicators

Outcome Indicators

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Project End Target</th>
<th>Base Value</th>
<th>Previous Follow-up</th>
<th>Latest Follow-up</th>
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</thead>
<tbody>
<tr>
<td>SO1</td>
<td>Save lives and protect livelihoods in emergencies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National institutions, regional bodies and the humanitarian community are able to prepare for, assess and respond to emergencies</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User satisfaction rate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRC, Project End Target: 2016.12, User satisfaction. Base value: 2016.01, WFP survey, User satisfaction, Latest Follow-up: 2016.12, WFP survey, User satisfaction</td>
<td>≈100.00</td>
<td>71.20</td>
<td>-</td>
<td>85.00</td>
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Output Indicators

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<thead>
<tr>
<th>Output</th>
<th>Unit</th>
<th>Planned</th>
<th>Actual</th>
<th>% Actual vs. Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO1: Special Operation (Air Ops)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metric tons of cargo transported</td>
<td>metric ton</td>
<td>40</td>
<td>47</td>
<td>117.5%</td>
</tr>
<tr>
<td>Number of destinations served</td>
<td>site</td>
<td>40</td>
<td>73</td>
<td>182.5%</td>
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<tr>
<td>Number of needs assessments carried out</td>
<td>assessment</td>
<td>4</td>
<td>3</td>
<td>75.0%</td>
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<tr>
<td>Number of organizations using the service</td>
<td>partner organization</td>
<td>250</td>
<td>189</td>
<td>75.6%</td>
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<tr>
<td>Number of passengers transported monthly against planned (passengers transported)</td>
<td>individual</td>
<td>1,950</td>
<td>2,289</td>
<td>117.4%</td>
</tr>
<tr>
<td>Percentage response to medical and security evacuation</td>
<td>%</td>
<td>100</td>
<td>100</td>
<td>100.0%</td>
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</table>