



A F G H A N I S T A N

# Decarbonization Roadmap

March 2025

# Preface

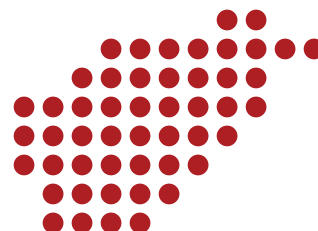
**The Danish Refugee Council (DRC)**, a globally recognized humanitarian organization, has long stood at the forefront of addressing complex challenges faced by displaced populations. With a history rooted in resilience and innovation, DRC now embraces a new critical dimension of its mission: integrating climate action into humanitarian response and reduce the greenhouse gas emission of its operations. The launch of the Decarbonization Roadmap for Afghanistan, as the first in a series of similar efforts globally, marks a pivotal moment in the organization's commitment to sustainability and environmental stewardship.

Humanitarian organizations operate at the intersection of human crises and environmental crises. Where the impacts of climate change exacerbate conflict and displacement, the DRC recognizes the urgency of minimizing its carbon footprint while adapting its programs to enhance community resilience to climate change and environmental degradation. This roadmap reflects the organization's resolve to balance immediate humanitarian needs with long-term environmental responsibility.

Building on its adoption of the Climate and Environment Charter for Humanitarian Organizations, DRC set ambitious targets, including a 50% reduction in carbon emissions by 2030 based on its 2023 baseline. This document outlines the strategic priorities, commitments, and collaborative frameworks that will drive DRC's efforts to achieve these goals. It highlights a structured approach to mitigation ensuring that DRC remains a leader in the humanitarian sector's response to the climate crisis.

The roadmap serves as both an operational guide and a strategic vision for reducing carbon emissions. It outlines a structured approach to implementing practical initiatives while embedding sustainability into every facet of DRC's humanitarian response. The introduction of the Decarbonization roadmap marks the first step in an ambitious journey – one that aligns with global climate goals and reinforces DRC's responsibility to displaced communities.

**By weaving environmental considerations into its operations and partnerships, DRC aims to set a precedent for the humanitarian sector, demonstrating that climate action is integral to safeguarding human dignity and securing a sustainable future.**



PART 1

# DRC Mitigation Efforts

DRC has defined high ambitions towards mitigating the causes of climate change and environmental degradation, thus minimizing DRCs carbon and environmental footprint, which is seen through a range of commitments. DRC's mitigation actions are driven by organizational priorities, international commitments, and partnerships that foster sustainable practices and outcomes.



## DRC'S COMMITMENT TO THE CLIMATE CHARTER [1]

In June 2021, DRC endorsed the Climate and Environment Charter for Humanitarian Organizations, joining a collective pledge to confront the growing challenges of climate and environmental crises.

By adopting the Charter, DRC committed to:

- Setting measurable climate action targets.
- Undertaking annual external reporting to ensure transparency and accountability.
- Demonstrating how interventions strengthen adaptive capacities while achieving real, measurable reductions in environmental impacts.

Under the Charter, DRC has committed to reducing its carbon emissions by 50% by 2030, initially using the 2019 inventory as benchmark, now updated to the more accurate 2023 baseline. This target highlights DRC's leadership in sustainable humanitarian efforts and its dedication to environmental responsibility.

## DRC "GO GREEN" [2]

As part of its 2025 organizational strategy, DRC launched the "Go Green" principle, which served as a comprehensive framework for integrating Climate and environmental priorities across its operations. Recognizing the urgent interplay between environmental crises and forced displacement, DRC's Climate and Environment framework is anchored by three strategic pillars:

- **Adaptation:** Building resilience in displaced populations by incorporating climate adaptation strategies into humanitarian programs.
- **Mitigation:** Systematically reducing DRC's own carbon and environmental footprint through efficient resources use and sustainable practices.
- **Advocacy:** Championing the rights and needs of displaced persons within the broader context of climate change.

FIGURE: THE DRC FRAMEWORK ON CLIMATE CHANGE AND ENVIRONMENT

THREE CORE PILLARS OF ACTION SHAPE THE APPROACH OF DRC, EACH WITH ITS OBJECTIVE AND AMBITIOUS TARGETS.

|           | <b>Adaptation</b> in Programmatic Responses                                                                                                        | <b>Mitigation</b> to reduce DRC’s environmental and climate footprint                                                                                                                                                                                                                                                | <b>Advocacy</b> for displaced persons in the context of climate change                                                                                                                                                                                                                                                         |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OBJECTIVE | Strengthen the resilience of displacement-affected communities to the impact of climate change and environmental degradation.                      | Improve the Climate and Environment footprint of DRC’s practices by reducing greenhouse gas emissions and minimizing the negative impacts on the environment.                                                                                                                                                        | Support the rights of displaced persons affected by climate change addressing climate related protection needs.                                                                                                                                                                                                                |
| TARGET    | By 2025, climate and environmental risks will be identified and managed across all our programs and humanitarian operations in a strategic manner. | <div>1. DRC aims at reducing its carbon emissions by 2030 with minimum 50% compared to 2023 levels.</div> <div>2. By 2025 each country operation throughout DRC will have elaborated a carbon baseline, updated carbon footprints and developed their own specific roadmap to reach the organizational target.</div> | By 2025, DRC is a leading advocate for displaced persons in the context of climate change and collaborates with climate experts, humanitarian and development agencies and others to ensure that displacement responses stand on solid analysis and evidence of linkages between climate change, environment and displacement. |

**i Cross cutting: Mainstreaming of climate and environmental considerations into DRC policies and sectors**

By 2025, climate and environmental considerations will be mainstreamed into all relevant DRC policies and sectors, and DRC staff and partners will be equipped to ensure environmental management throughout the programme cycle addressing climate and environmental risks.

Concrete actions to reduce the organizational carbon footprint include the establishment of a **DRC Sustainability intranet [3] platform**. This resource equips DRC employees with recommendations, tools, stories & case studies, training to implement sustainable measures in their daily work.

Additionally, sustainability principles are embedded into key operational areas such as Programs (shelters, WASH...), Procurement, Fleet management, Warehouse & inventories. Upcoming, operational handbooks on Waste and Energy management will further enhance these efforts.

While DRC’s commitments and initiatives establish a strong foundation for mitigating climate impact, achieving tangible progress requires accurate measurement and accountability. To ensure meaningful reductions, DRC has conducted a thorough assessment of its carbon footprint, identified key emission sources and set data-driven reduction targets.

DRC’S GLOBAL BASELINE AND EMISSION REDUCTION TARGETS 

Building on its commitment to sustainability, DRC has adopted a structured approach to measure, analyze, and reduce its greenhouse gas (GHG) emissions. The following section outlines the scope of emissions, calculation methodologies, and ambitious reduction targets that will guide DRC’s path toward a lower-carbon future.

Scope of Emissions

DRC’s carbon footprint analysis adheres to the Greenhouse Gas Protocol [4] which is a global standard for measuring and managing greenhouse gas emissions. This protocol classifies emissions into three scopes:

- **SCOPE 1:** DIRECT EMISSIONS FROM FUEL CONSUMPTION FOR VEHICLES AND FACILITIES.
- **SCOPE 2:** INDIRECT EMISSIONS FROM PURCHASED ELECTRICITY, HEATING, COOLING, AND STEAM.
- **SCOPE 3:** INDIRECT EMISSIONS FROM UPSTREAM AND DOWNSTREAM [5] ACTIVITIES, INCLUDING SUPPLY CHAIN OPERATIONS AND PRODUCT DISPOSAL.

|                                                                                                    |                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SCOPE 1</b>  | <b>DIRECT</b>                                                                                                                                                               |
| <b>Scope 1 - Emissions</b>                                                                         | Direct emissions from sources owned or controlled by the organization, such as fuel combustion in company vehicles, boilers, or generators.                                 |
| <b>SCOPE 2</b>  | <b>INDIRECT</b>                                                                                                                                                             |
| <b>Scope 2 - Emissions from Purchased Energy</b>                                                   | Indirect emissions from purchased electricity, heat, steam, or cooling that the organization consumes. These emissions occur at the facility where the energy is generated. |
| <b>SCOPE 3</b>  | <b>UPSTREAM (INDIRECT)</b>                                                                                                                                                  |
| <b>Scope 3.1-Purchased Goods &amp; Services</b>                                                    | Emissions from the production of goods and services purchased by the organization, including raw materials and office supplies.                                             |
| <b>Scope 3.2 - Capital Goods</b>                                                                   | Emissions from the production of fixed assets such as buildings, vehicles, and equipment used by the organization.                                                          |
| <b>Scope 3.3 – Fuel and Energy-Related Activities</b>                                              | Emissions from fuel and energy which are not included in Scope 1 or 2, such as upstream emissions from fuel production and electricity transmission losses.                 |
| <b>Scope 3.4 - Upstream Transportation &amp; Distribution</b>                                      | Emissions from transporting goods before they reach the organization, including supplier logistics and inbound freight.                                                     |
| <b>Scope 3.5 - Waste Generated in Operations</b>                                                   | Emissions from the disposal and treatment of waste generated by the organization, such as landfill, incineration, or recycling.                                             |

|                                                                 |                                                                                                                                                              |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Scope 3.6 - Business Travel</b>                              | Emissions from employee travel for work-related activities outside their regular commute, such as flights, train rides, taxis, and hotel stay.               |
| <b>Scope 3.7 - Employee Commuting</b>                           | Emissions from employees traveling between their homes and the workplace on a regular basis, including personal cars, public transport, biking, and walking. |
| <b>Scope 3.8 - Upstream Leased Assets</b>                       | Emissions from assets leased by the organization but not included in Scope 1 or 2, such as rented office space.                                              |
| <b>SCOPE 3</b> ↓↓                                               | <b>DOWNSTREAM (INDIRECT)</b>                                                                                                                                 |
| <b>Scope 3.9 - Downstream Transportation &amp; Distribution</b> | Emissions from transporting and distributing products after they leave the organization, including delivery to customers and retail distribution.            |
| <b>Scope 3.10 - Processing Sold Products</b>                    | <i>Emissions from the processing or transformation of products by customers before use. Relevant for intermediate goods manufacturers.</i>                   |
| <b>Scope 3.11 - Use of Sold Products</b>                        | <i>Emissions from the use of the organization's products by customers, such as fuel combustion in vehicles or electricity consumption in appliances.</i>     |
| <b>Scope 3.12 - End-of-Life Treatment of Sold Products</b>      | Emissions from the disposal or treatment of products at the end of their life, including recycling, landfill, or incineration and so on.                     |
| <b>Scope 3.13 - Downstream Leased Assets</b>                    | <i>Emissions from assets leased to other parties, such as rented properties or leased vehicles.</i>                                                          |
| <b>Scope 3.14 - Franchises</b>                                  | <i>Emissions from franchise operations are not owned by the reporting organization but operating under its brand.</i>                                        |
| <b>Scope 3.15 - Investments</b>                                 | <i>Emissions from investments, including financed emissions from loans, equity, and other financial activities.</i>                                          |
| <b>Scope 3.16 - Cash &amp; Vouchers Assistance</b>              | Emissions from assistance to affected population in the form of cash and vouchers rather than relief items.                                                  |

FIGURE: DRC'S SCOPES OF EMISSION



**SCOPE 3** EMISSIONS WHICH REPRESENT THE LARGEST SHARE OF DRC’S CARBON FOOTPRINT, ARE INDIRECT EMISSIONS DIVIDED INTO TWO CATEGORIES:

**Upstream emissions**

These occur before goods or services reach the organization, including the production, transportation, and delivery of supplies, materials, and equipment. For example, emissions from manufacturing tarpaulins or transporting them to facilities are upstream.



**Downstream emissions**

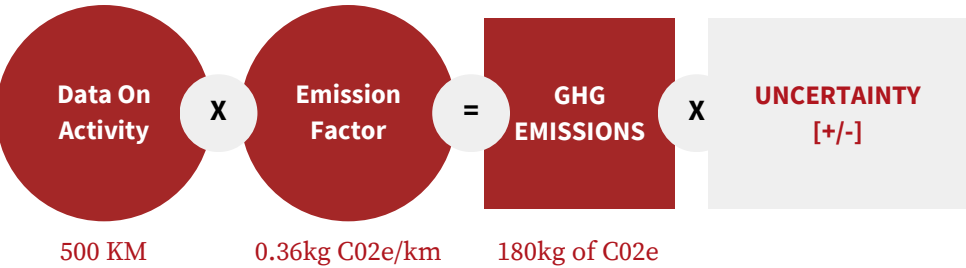
These occur after the goods or services are delivered or used, covering emissions from the use, disposal, or end-of-life processing of distributed items. For instance, emissions from transporting non-food items to final recipients or waste generated from packaging are downstream emissions.



CALCULATING EMISSIONS

To calculate its Greenhouse Gas (GHG) emissions, DRC collected activity and financial data and applied emission factors from reliable databases such as DEFRA, IEA, and US EPA. [6] When activity data is unavailable, spend-based data is converted for estimation. This methodological rigor ensures accuracy and reliability in quantifying emissions across all operations levels.

FIGURE: METHODOLOGY OF ACCOUNTING CARBON EMISSION



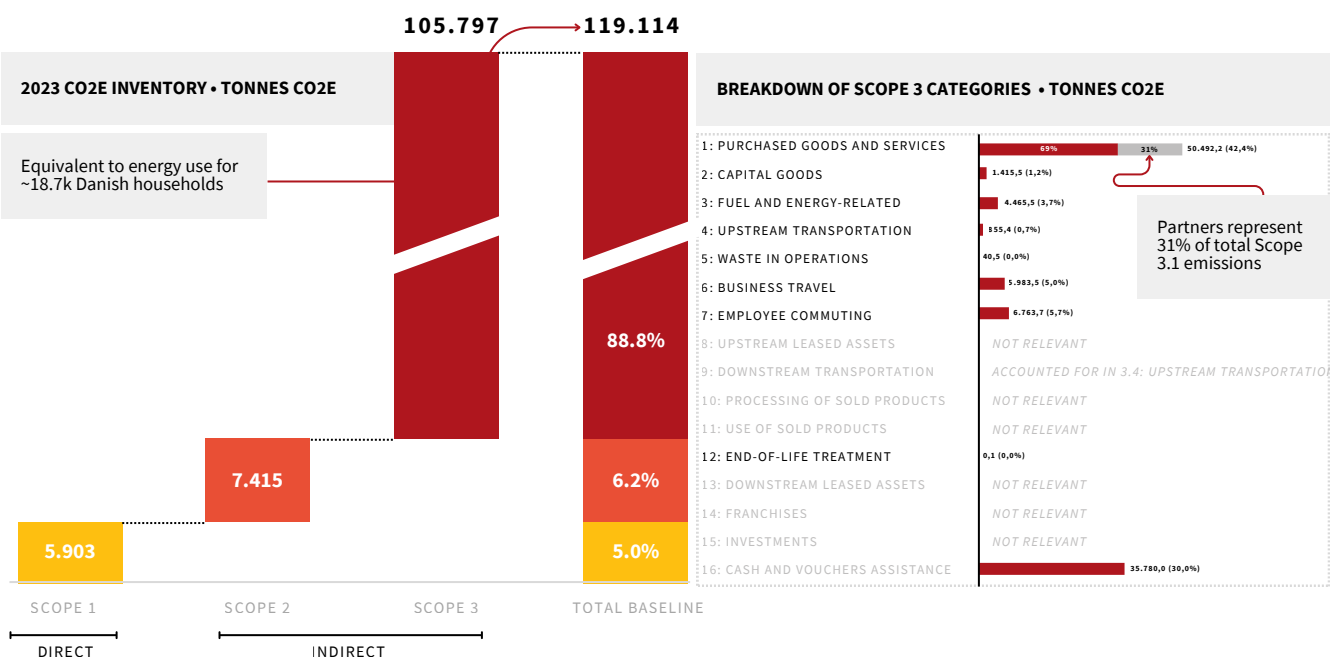
DRC'S ESTABLISHING THE BASELINE AND OVERALL TARGET

In 2024, DRC successfully conducted a carbon footprint inventory of 2023, supported by Footprint Firm Denmark. This exercise identified a total carbon emission of 119,114 tons of CO<sub>2</sub>e for 2023, replacing the previously estimated 2019 baseline. Scope 3 activities accounted for approximately 89% of these emissions, with key hotspots including:

- Purchased goods and services (43%),
- Cash and voucher assistance (CVA) (30%),
- Fossil fuel (5%),
- Purchased energy (6%),
- Business travel (5%),
- Employee commuting (5%).

FIGURE: DRC'S OVERALL CARBON EMISSION RESULTS

The updated estimate of DRC's 2023 CO<sub>2</sub>e inventory amounts to ~119.1 ktCO<sub>2</sub>e emissions



Sources: GHG Protocol; Analysis by The Footprint Firm

With this data as a foundation, DRC has set its 2030 target to reduce total emissions by 50%, striving to lower overall emissions to under 60,000 tons of CO<sub>2</sub>e. Achieving this goal requires each DRC Country Operation to develop localized carbon reduction targets and roadmaps that align with the organization's global ambitions.

## DRC'S EXTERNAL COOPERATION

DRC recognizes that achieving ambitious Greenhouse Gas emission reductions require collective action. To this end, the organization has forged partnerships with key stakeholders, including:

- **WREC** project (environmental sustainability in humanitarian logistics): Addressing emissions, green procurement, circularity, reverse logistics, and waste).
- **Fleet Forum**: Developing solutions to reduce transportation emissions.
- **HULO** and other peer organizations: collaborating on shared sustainability goals through joint initiatives.
- **Help Logistics and CHORD**: Advancing tools and resources for effective carbon accounting and reduction.

These collaborations amplify DRC's capacity to innovate and scale its mitigation efforts, ensuring that the organization leads by example in the humanitarian sector.



PART 2

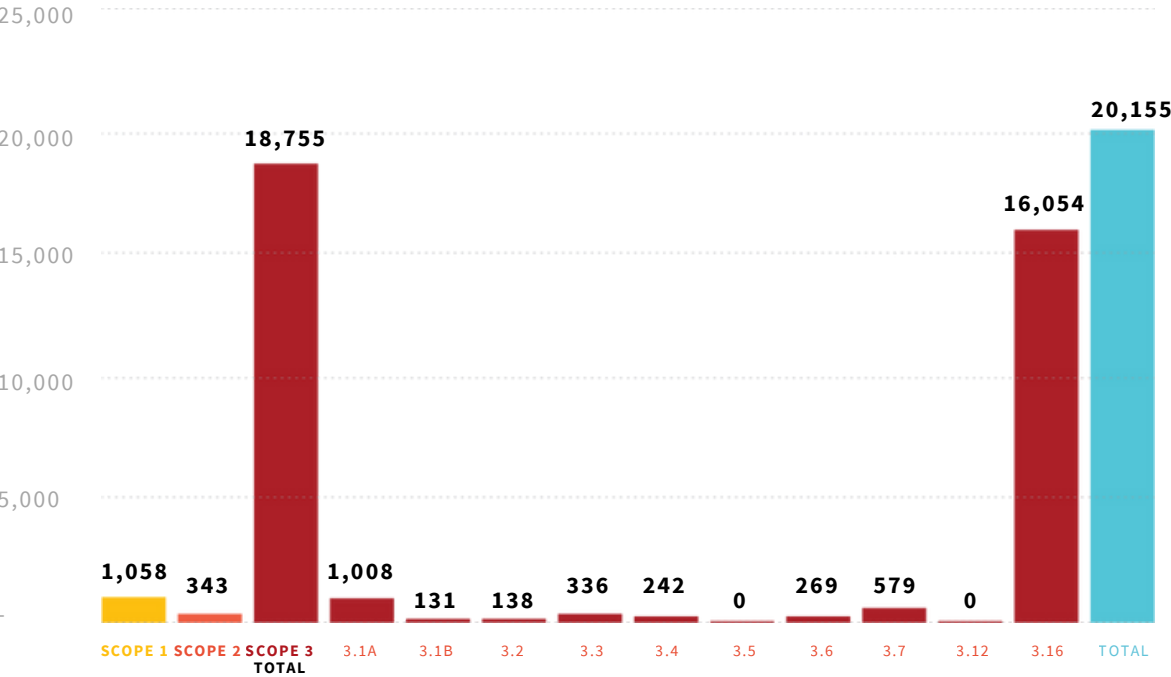
# Afghanistan's Greenhouse Gas Analysis

This section analyzes DRC Afghanistan's 2023 greenhouse gas emissions, totaling 20.155 tons of CO<sub>2</sub>e – 16% of DRC's Global emissions. It provides an overall carbon footprint breakdown and identifies key emission hotspots across energy use, vehicles, commuting, and freight... The findings guide targeted decarbonization efforts, supporting DRC's goal of halving emissions by 2030.

OVERALL BASELINE/CARBON FOOTPRINT 

The total greenhouse gas emission of DRC Afghanistan in 2023 is 20.155 tons of CO<sub>2</sub>e, contributing to around 16% of DRC’s carbon emission in 2023 globally. The figure below shows the emission breakdown of DRC Afghanistan by scope.

FIGURE: THE CARBON EMISSION BREAKDOWN OF DRC AFGHANISTAN



HOTSPOT ANALYSIS 

Carbon emission hotspots are the areas/activities with a large amount of greenhouse gas emissions. The areas/activities where large amounts of carbon emission are to be found should be prioritized with responding decarbonization actions.

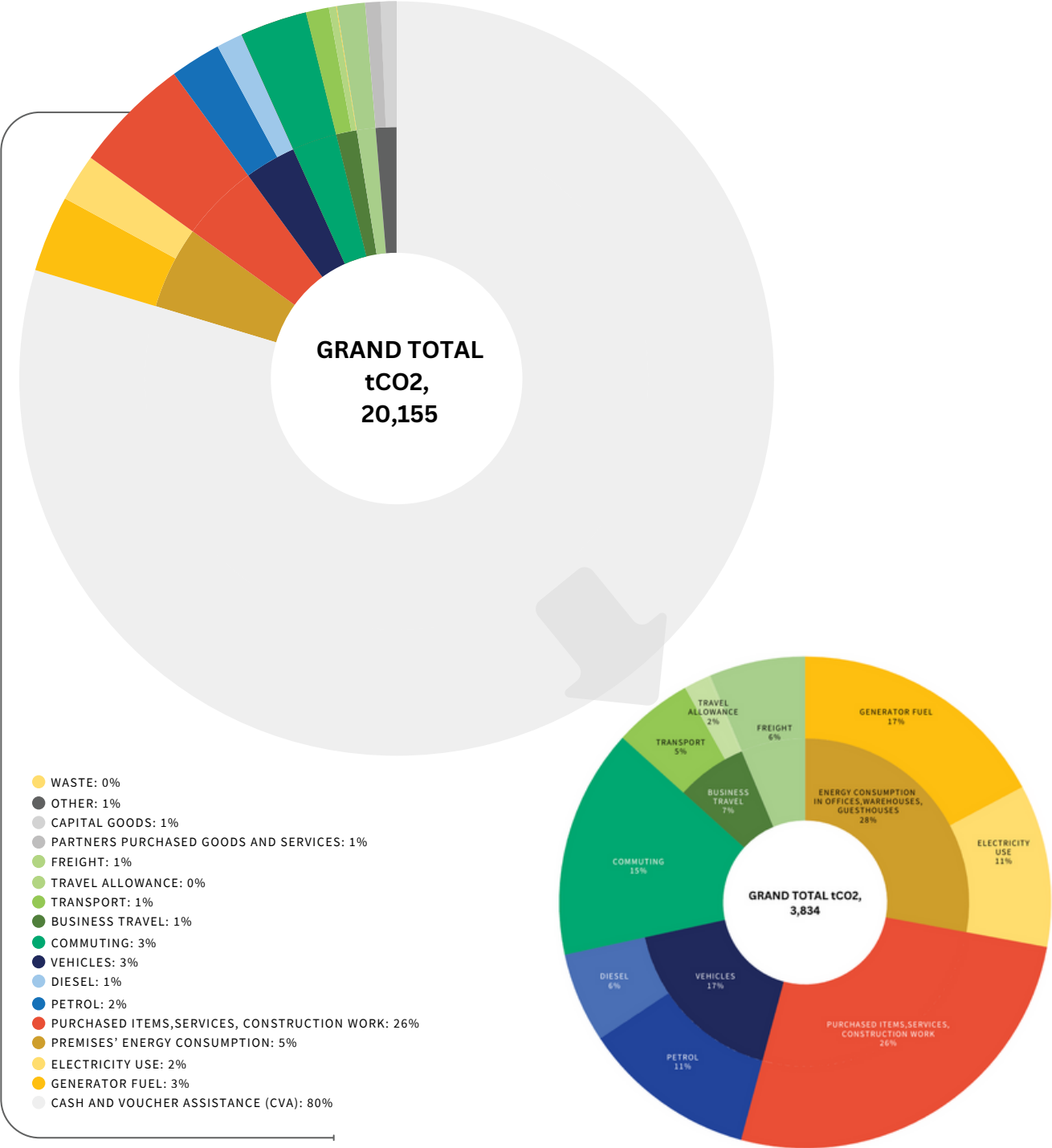
The hotspot analysis is sorted along actionable categories (e.g., fleet, energy, waste) rather than scopes to identify and develop decarbonization initiatives. Scopes with GHG emissions below 1% are excluded.

FIGURE: CARBON EMISSION HOTSPOT ANALYSIS BY FUNCTION

| CATEGORIES                                             | tCO <sub>2</sub> | %               | DESCRIPTION                                                                                                                                                                       | SCOPE         |
|--------------------------------------------------------|------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| <i>(Cash and Voucher Assistance (CVA))</i>             | <i>(16,054)</i>  | <i>(79.65%)</i> | <i>(Assistance to affected population in the form of cash and vouchers rather than relief items. Excluded from the analysis due to difficulties in decarbonising (see below))</i> | <i>(3.16)</i> |
| Energy consumption in offices, warehouses, guesthouses | 1070             | 5.31%           | Energy consumption in warehouses & offices & guesthouses. Electricity, generators (well-to-tank and use).                                                                         | 1;2;3.3       |
|                                                        | 660              | 3.28%           | Generator fuel                                                                                                                                                                    |               |
|                                                        | 410              | 2.03%           | Electricity use                                                                                                                                                                   |               |
| Procured goods, services, and works                    | 1008             | 5.0%            | Emissions related to purchased items and services used in DRC's operations and facilities.                                                                                        | 3.1a          |
| Vehicles                                               | 667              | 3.30%           | Diesel and petrol from vehicle use (well-to-tank and use)                                                                                                                         | 1; 3.3        |
|                                                        | 440              | 2.18%           | Petrol                                                                                                                                                                            |               |
|                                                        | 227              | 1.13%           | Diesel                                                                                                                                                                            |               |
| Commuting                                              | 579              | 2.8%            | Employee commuting                                                                                                                                                                | 3.7           |
| Business Travel                                        | 269              | 1.3%            | Accommodation, travel costs (incl. meal costs).                                                                                                                                   | 3.6           |
|                                                        | 199.60           | 1%              | Transport                                                                                                                                                                         |               |
|                                                        | 63.32            | 0.31            | Hotel                                                                                                                                                                             |               |
|                                                        | 5.58             | 0.03            | Travel allowance                                                                                                                                                                  |               |
| Freight                                                | 242              | 1.2%            | Freight and customs fees.                                                                                                                                                         | 3.4           |

Due to difficulties of implementing decarbonization measures for cash and voucher assistance (CVA), the emission from the Cash and Voucher (CVA) is excluded from this hotspot analysis. DRC has limited control over how people of concern spend the amounts received through CVA, meaning asking affected population to change use CVA in a certain way is not possible. Therefore, CVA is challenging to decarbonise and monitor effectively.

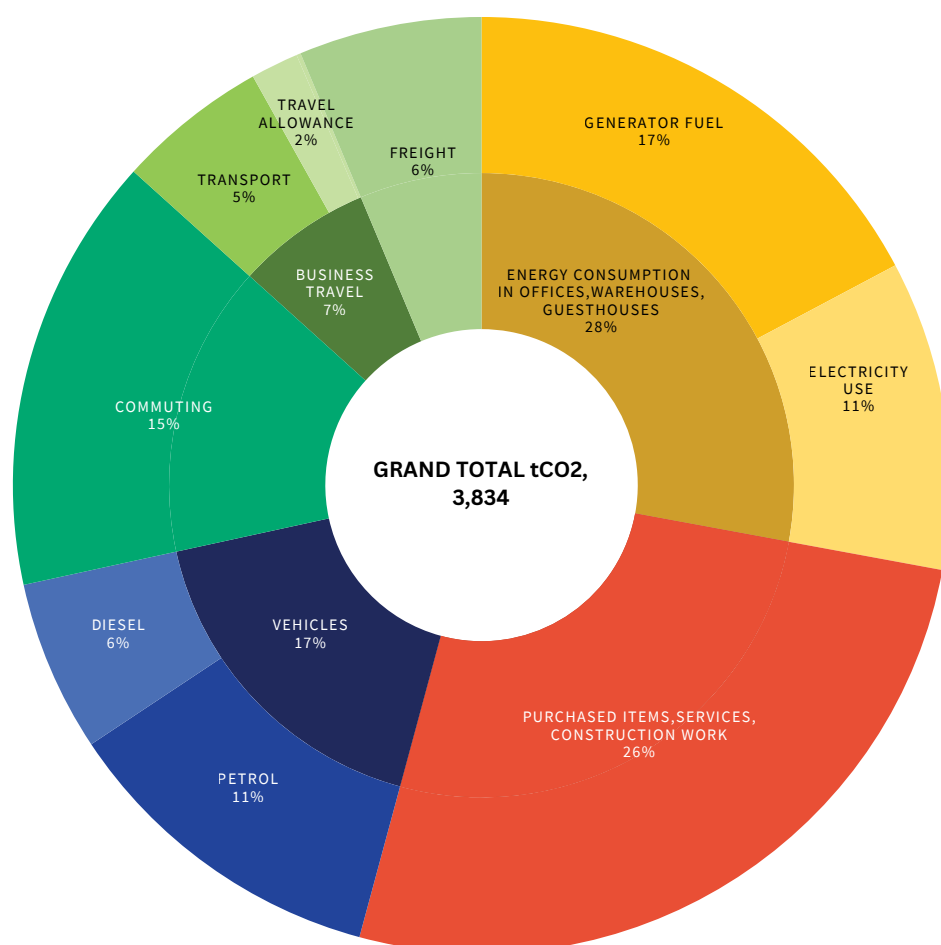
FIGURE: CARBON EMISSION HOTSPOT ANALYSIS SUNBURST CHART, WITH AND WITHOUT CVA AND CATEGORY 'OTHER'



As shown in the table above, Energy consumption in offices, warehouses, and guesthouses, purchased items, services, construction, and vehicles are the top three hotspots. Commuting, business travel, and freight constituted additional hotspots. Decarbonization measures should focus first on the top hotspot categories excl. CVA.

The above sunburst charts compare hotspots with (first) and without (second) CVA and the categories constituting less than 1% of GHG emissions ('other'). Thereafter, the second sunburst without CVA will be used for analytical purposes.

**FIGURE: CARBON EMISSION HOTSPOT ANALYSIS SUNBURST CHART  
WITHOUT CVA AND CATEGORY 'OTHER'**



Decarbonization action could focus on:

1. **Hotspots** in terms of % CO<sub>2</sub> emissions.
2. **Simultaneous effects**, meaning measures are available that could address multiple hotspots/scopes/activities simultaneously.
3. **Low-hanging fruit**, meaning measures are available that can be implemented with relatively low upfront investment in terms of money, time, and complexity.
4. **Environmental co-benefits**, e.g., measures are available that could go beyond decarbonization and contribute, e.g., to a circular economy; waste reduction; and saving of other natural resources.

Applying these four points above gives us the following table. Areas in darker red indicate more co-benefits. The figure below indicates that **focusing on premises' energy consumption; vehicles; commuting; staff travel and accommodation; and freight could yield important benefits. Premises' energy consumption and vehicles** especially are not just CO2 hotspots but addressing them likely has simultaneous positive effects on other areas (e.g., eco-driving also may mean less repairs; energy efficiency measures can lower energy bills), and measures exist that constitute low-hanging fruit (e.g., fleet sharing, behavioral energy efficiency measures) and bring co-benefits (e.g., reduction of toxic fleet waste in the form of used engine oil).

**FIGURE: CO-BENEFIT OF DECARBONIZATION ACTIONS**

| AREA                         | CO2 HOTSPOT | SIMULTANEOUS EFFECTS | LOW-HANGING FRUIT | CO-BENEFITS |
|------------------------------|-------------|----------------------|-------------------|-------------|
| Premises' energy consumption | X           | X                    | X                 | X           |
| Vehicles                     | X           | X                    | X                 | X           |
| Commuting                    | X           |                      | X                 | X           |
| Accommodation                | X           |                      |                   | X           |
| Freight                      | X           |                      |                   | X           |

The following section will focus on each of these action areas, which includes decarbonization actions, targets, indicators, resources, and tools. The overall aim is to achieve the Danish Refugee Council's overall goal of halving CO2 emissions by 2030, compared to the 2023 baseline.



PART 3

# Decarbonization Action, Targets, and Indicators

This section presents DRC Afghanistan's decarbonization strategy, outlining key actions, targets, and indicators to reduce emissions across various operational areas. This covers a wide range of emission sources including program activities, energy consumption, fleet usage, business travel, procurement, and more.

The plan aims to enhance efficiency, transition to renewable energy, optimize transportation, and implement sustainable procurement to operational practices. The following sub-sections detail specific decarbonization actions, targets, indicators, resources, and tools to support these efforts. The overall goal is to halve CO2e emissions by 2030 compared to the 2023 baseline, aligning with the Danish Refugee Council’s global commitment to sustainability.

|                                                                 |                                                                                       |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <div>Energy Consumption</div> <div>P19</div>                    |    |
| <div>Fleet</div> <div>P22</div>                                 |    |
| <div>Procurement</div> <div>P25</div>                           |    |
| <div>Staff Commuting &amp; Business Travel</div> <div>P29</div> |  |
| <div>Waste</div> <div>P31</div>                                 |  |
| <div>Programme Specific Measure</div> <div>P33</div>            |  |



# Energy Consumption

## THE FACT/DATA

The emission related to **energy consumption** is the biggest hotspot of Afghanistan after Cash and Voucher Assistance, contributing to 5.31% of the total emissions. The emissions come from the energy consumption in warehouses, offices, and guesthouses, which utilize electricity and generators (well-to-tank and use). The **fossil fuel used in generators** is the primary source of emissions while electricity consumption is in second place.

**Note:** the energy used in the camps for Program activities such as shelters, WASH... is not calculated due to absence of data. However, it will need to be assessed and addressed.

As shown in the table below, the generators in the guesthouses had longer usage periods and consumed more energy than the ones in the offices in 2023-2024. **Therefore, replacing the generators in guesthouses with solar panels should be prioritized.**

FIGURE: ENERGY CONSUMPTION VOLUME (2023-2024)

|                           | GENERATORS IN OFFICES | GENERATORS IN GUESTHOUSES |
|---------------------------|-----------------------|---------------------------|
| Fuel Consumption (liters) | 32,629                | 54,140                    |
| Usage period (hours)      | 4690                  | 5328                      |

**i** In 2023, the Afghanistan office spent US\$ 72,877 on energy for its facilities. This is the 6th highest spent among the 43 Danish Refugee Council offices. Increasing energy efficiency and covering the remaining energy needs with solar panels (or a hybrid system if needed), could therefore be interesting options also from a cost perspective. Suggested overall KPIs and milestones have been identified to be able to reach the target of 50% reduction in 2030.

| TARGET  | INDICATOR  | UNIT  |
|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 30% reduction by 2028                                                                    | Annual energy consumption & associated CO2 emissions                                        | kWh                                                                                      |
| 10% increase per year                                                                    | Annual increase in renewable energy share                                                   | %                                                                                        |

## ACTIONS, TARGETS & INDICATORS

| ACTIONS                                                                                                            | TARGETS                                                                                                                                                                                               | INDICATORS                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Improve the energy efficiency and reduce the energy consumption in facilities</p> <p>Conduct energy efficiency campaigns</p>                                                                     | <p>All offices are equipped with posters and reminders to save energy by 2025 (light, water, printer, machine...)</p>                                                                                                                                                                  | <p># of facilities with posters / total facilities.</p>                                                                                                        |
| <p>Use the digital tool: React [5] Energy assessment and monitoring</p>                                                                                                                             | <p>Utilize the React tool by 2025</p>                                                                                                                                                                                                                                                  | <p>Yes or No</p>                                                                                                                                               |
| <p>Monitor electrical installations and optimize power set and usage</p>                                                                                                                            | <p>At least 10% more space covered by motion sensors.</p> <p>or</p> <p>At least 10% more light sources connected to motion sensors.</p>                                                                                                                                                | <p># of motion sensors in place (or # of appliances covered by motion sensors)</p>                                                                             |
| <p>Prioritize energy-efficient equipment (AC, heaters, light appliances...) and Switch lightbulbs to highly efficient LED (Light Emitting Diodes)</p>                                               | <ul style="list-style-type: none"> <li>All lightbulbs are LED by 2026.</li> <li>All newly installed appliances from 2025 onwards, all newly installed appliances have a high energy efficiency rating.</li> </ul>                                                                      | <ul style="list-style-type: none"> <li># of LED light balls / # of total light balls</li> <li># of newly installed appliances with high-energy rate</li> </ul> |
| <p>For new construction, build-in insulation from the start and consider environmentally sustainable building design guidelines and certifications such as Passive House, EDGE, LEED, or BREEAM</p> | <ul style="list-style-type: none"> <li>50% of new constructions between now and 2026 include environmentally sustainable building design guidelines</li> <li>100% of new constructions between 2026 and 2030 include environmentally sustainable building design guidelines</li> </ul> | <p># of projects completed using environmentally sustainable design guidelines</p>                                                                             |

|                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                       |                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <p>Decarbonize electricity and energy production and consumption</p> <ul style="list-style-type: none"> <li>• Install and use solar energy Check whether electricity is fossil fuel based or based on renewable energy. Increase solar energy systems at the Country Office, Guesthouse, and other field offices</li> <li>• Reduce fossil-fuel-produced and -consumed electricity thanks to renewable resources</li> </ul> | <p>Min. one new premise per year has solar panels installed. All premises have solar panels installed by 2030.</p>                                                    | <p># of premises with solar panels in place (fully with renewable energy)</p>                             |
| <p>Subscribe to a decarbonated energy supplier for buildings, where possible<br/>Buy energy from green energy suppliers in national coordination's when available</p>                                                                                                                                                                                                                                                      | <p>By 2026, 30% of the electricity purchased will be generated from renewable energy resources or green electricity, and by 2028, 50% if available in the market.</p> | <p>Purchased Electricity generated from renewable energy sources (KWh) / total energy purchased (KWh)</p> |
| <p>Programme</p> <p>Use the digital tool: React [6] Energy assessment and monitoring</p>                                                                                                                                                                                                                                                                                                                                   | <p>Utilize the React tool by 2025</p>                                                                                                                                 | <p>Yes or No</p>                                                                                          |

## Tools, Guidelines, and Resources

**DRC Sustainability in Supply Chain Insite page:** [Sustainable Warehouse & Premise Management](#)

**Energy Consumption Measurement Application:** [REact](#)

[ICRC: Energy Efficiency Guidance - Lighting Replacement Guidelines](#)

[ICRC: Energy Efficiency Guidance - Room AC](#)

[Energy Efficiency Challenge E-Learning Game](#)

**DRC sustainable posters:** [Green your office - Posters & Stickers](#)

**Climate action Accelerator:** [Toolkit - Good office practices](#)

[Factsheet green buildings](#)

[Factsheet energy consumption of buildings](#)

[Factsheet heating and air conditioning](#)

[Factsheet solar thermal energy](#)



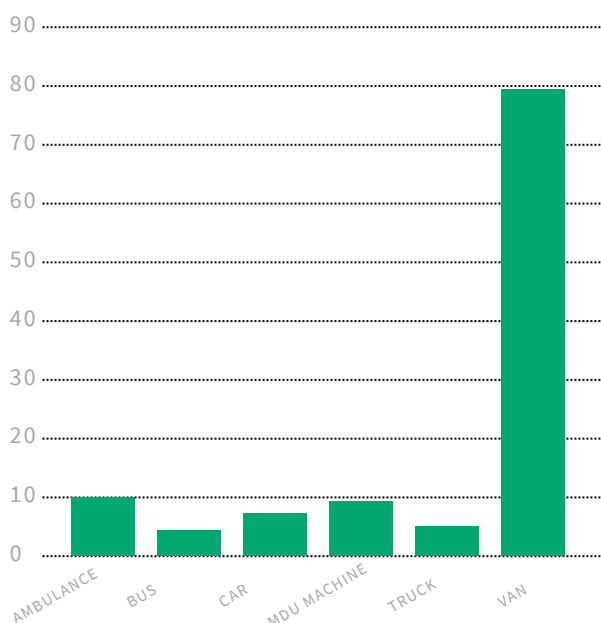
# Fleet

## THE FACT/DATA

Afghanistan's fleet generates **667 tons of CO<sub>2</sub>e emissions**, representing approximately **3.3% of the country's total emissions**. Among all DRC country operations, Afghanistan stands out with the **highest diesel consumption by a significant margin**. In 2023 alone, the combined volume of diesel and petrol consumption reached approximately **448,143 liters**—more than **three times** the fuel usage of the next highest office, Ukraine. This level of fuel dependency highlights the critical need for immediate and targeted action to address fleet-related emissions. Here are key facts about Afghanistan's fleet that provide further context.

- **Numbers of vehicles per fuel type (2024):** The total number of vehicles in Afghanistan in 2024 is 112, among which, diesel-fueled vehicles are 103, contributing to 92% while petrol vehicles only occupy 8%. The average lifespan of the vehicle is 18 years.
- **The type and function of vehicles (2024):**
  - The dominant vehicle type is the **van**, which occupies around 69% of the total. The following frequently used vehicles are trucks and ambulances.
  - The data shows that around 88% of the vehicles used in Afghanistan are used for **human logistics** (van, ambulance, car, and bus). The truck is very limited, mainly used to deliver the equipment from one mine action point to another.

**FIGURE: TYPE OF VEHICLES IN AFGHANISTAN (2024)**



- **The location of vehicles**
  - **Kabul** owns 37% of the vehicles, followed by **Jalalabad** with 28% of the vehicles. Helmand 10%, Herat 10%, and Ghazni own around 10% of the vehicle perspective.
  - The trucks are only used in Kabul, Jalalabad and Helmand. It means that **in Herat, Kandahar, and Kunar all the vehicles are used for human logistics**.

### Overall target:

Relative fuel consumption reduced by 20% by 2026 and 50% by 2030.

## ACTIONS, TARGETS & INDICATORS

| ACTIONS                                                                                                                                                                                        | TARGETS                                                                                                           | INDICATORS  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Optimize vehicle utilization</b><br><br>DRC should enhance the efficiency of its vehicle usage by coordinating schedules, managing vehicle pooling, and minimizing unnecessary travel.                                                                                       | Reduce vehicle movement between the various offices by 30% by the end of 2026.                                                                                                                     | # of trips between various offices                                                             |
| Have a daily/weekly/monthly movement plan in place allowing for combining movements of goods and people.<br><br>Prioritize scheduled deliveries.                                                                                                                                | Identifying the opportunity to combine movement is part of the daily/weekly/monthly movement plan<br><br>50% of people and goods movements follow a pre-determined schedule by 2026. 100% by 2030. | Yes / No<br><br>Percent of people and goods movements following a pre-determined schedule      |
| Down profiling & Downsizing: Optimize the assignment of vehicles based on their intended use                                                                                                                                                                                    | Vehicle allocation evaluation is done annually.<br><br>100% of new tenders include the assessment of the right vehicle for the right move.                                                         | Yes or No<br><br>% of tenders being assessed.                                                  |
| Optimize utilization: Increase the vehicle utilization rate by improving fleet management (vehicle pooling, plan movement, down profiling, and downsizing...)                                                                                                                   | The vehicle utilization rate will increase by 30% by 2026<br><br>50% reduction in under-utilized vehicles (not at full capacity) by 2026. 100% by 2030.                                            | # of Active vehicles / Total fleet vehicles<br><br>% of underutilized vehicles                 |
| <b>Data-driven decision-making: Use the digital tool to track sustainability progress</b><br><br>Use the Clean Fleet toolkit to track the environmental performance of the fleet and develop strategies to reduce emissions, lower costs, and enhance overall fleet performance | Utilize the Clean Fleet toolkit by 2025.                                                                                                                                                           | Yes or No                                                                                      |
| DRC should measure vehicle movements, costs, and maintenance records to gather usage data that will support informed decision-making and improve fleet management.                                                                                                              | Utilize the Green Me toolkit or manually record vehicle movements, costs, and maintenance by 2025                                                                                                  | # of users of the Green Me toolkit                                                             |

|                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                              |                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Fleet staff should actively participate in eco-driving training                                                                                                                                                                                                                                                                                                                                                                       | 50% of relevant staff (drivers, fleet managers) have received eco-driving training by 2026 and 100% by 2030. | % of driving-related staff who received eco-driving training from the fleet forum or other sources |
| Invest in reduction, maintenance, repair, reuse, recycling, and proper dispose<br><br>Schedule regular & preventative maintenance to avoid costly repairs down the line[9]                                                                                                                                                                                                                                                            | All vehicles should receive maintenance at least once a year                                                 | # of vehicles receiving maintenance on schedule / Total vehicles                                   |
| Purchase quality and durable fleet spare parts to reduce the generation of fleet waste[10];<br><br>Give broken or malfunctioning items a second life by repairing and finding new uses for unwanted items (e.g. empty drums to store used oil or filters instead of throwing them away) [11];<br><br>Arrange reverse logistics schemes with your fleet suppliers to take back spare parts such as batteries and used oil and filters. | The repurpose, repair, and recycling rate of broken fleet items is increased by 20% by 2027, and 50% by 2030 | # of Repaired/repurposed/recycled items / of Total discarded items                                 |
| DRC should establish practices for end-of-life vehicles, prioritizing environmentally friendly recycling and reuse options to minimize carbon emissions.<br><br>Segregate and store hazardous fleet waste properly and arrange collection by specialized companies[12], [13], [14];                                                                                                                                                   | Map local reusing and recycling channels for responsible disposal.                                           | # of vehicles get recycled, reused, resold / Total end-of-life vehicles                            |

## Tools, Guidelines, and Resources

**Clean Fleet Toolkit:** [Clean Fleet Toolkit](#) | [Emissions Calculator Tool](#)

**GreenMe Toolkit:** [GreenMe](#) | [Fleet Forum](#)

[WREC - How to make your fleet more circular and environmentally sustainable](#)

**The Climate Action Accelerator's** [Factsheet on Eco Driving](#)

**Fleet Forum:** [Webinar: Fleet profiling: Overview of vehicles and transport types](#)

[Eco-driving training by Fleet Forum](#)

**Fleet Forum:** [Toolkit - Fleet](#)



DRC

# Procurement (Including Construction)

## THE FACT/DATA

The CO<sub>2</sub>e emission from the purchased items, services, and construction work in Afghanistan is **1,008 tons**, contributing to around 5% of total emissions in Afghanistan. The top spending items are given a special focus because of their bigger environmental impact. The top spending items include Construction materials, IT products & services, Fragmentation-Proof Face shields, Hygiene kits, clothes, office supplies, and machines (such as demining machines). The data below shows the main items, services, and construction work purchased by the offices.

- **Construction and building materials and components:** Haret, Jalal, and Kandahar are the offices that procured most of them.
- **Construction Machinery renting and leasing:** Kandahar and Zabul are the offices that procure most of them.
- **Office supplies:** Kabul, Central Area, Haret, and Jalal are the offices that procure most of them.
- **Transportation services:** Herat and central areas are the offices that procure most of them.

When taking a closer look, **six out of the ten highest spend items/activities relate to construction materials**. Construction material incurs so-called embodied carbon which is the CO<sub>2</sub> emissions embedded into the material. This cannot be changed later. Therefore, any new construction is a unique opportunity for decarbonization that should be seized.

### Procurement decarbonization overall target:

Reduce CO<sub>2</sub>e emissions related to purchased items, services, and construction by 15% by 2026, 30% by 2028, and 50% by 2030.



## ACTIONS, TARGETS & INDICATORS

| ACTIONS                                                                                                                                                                                                         | TARGETS                                          | INDICATORS                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Use alternatives with lower carbon &amp; environmental impact</p> <p>Identify a pool of suppliers for selected high-impact or high-risk items to facilitate the implementation of environmentally sustainable alternatives and to build long-term relationships to have greater influence</p> | <p>Identify the top-spend and (or) long-term suppliers and create a pool of them for better engagement by 2025.</p>               | <p>Yes or No</p>                                                                                                                                                              |
| <p>Identify environmentally sustainable alternatives for most purchased goods and services or with the most significant impact. (Complete a green procurement market assessment for the top 5 spend categories)</p>                                                                              | <p>Conduct a sustainable market assessment of the top 5 spending items minimum by 2025 to visualize sustainable options</p>       | <p>Yes or No</p> <p>If yes, # of items and services</p>                                                                                                                       |
| <p>Engage with suppliers</p> <p>Inform suppliers about the organization's carbon strategy and invite them to work with sustainability</p>                                                                                                                                                        | <p>By the end of 2025, all suppliers will be informed of DRC's commitments and encouraged to improve sustainable performance.</p> | <p># of suppliers who have been informed about DRC's Sus. Ambitions</p>                                                                                                       |
| <p>Request visibility from suppliers on carbon value and life cycle information on decarbonizing their operations.</p>                                                                                                                                                                           | <p>100% of the suppliers will be requested to disclose their carbon data in the tendering process by 2026</p>                     | <p># of suppliers that disclose their corporate carbon footprint</p>                                                                                                          |
| <p>Provide appreciation for suppliers that measure their emissions and put concrete measures in place to reduce emissions</p>                                                                                                                                                                    | <p>All the new sustainable suppliers will be offered appreciation letters / promote them with other NGOs from 2025</p>            | <p># of suppliers who receive appreciation from DRC</p>                                                                                                                       |
| <p>Reduce the number of km made by road transportation goods thanks to procurement of locally or regionally produced items</p> <p>Reduce the number of ton-kilometers transported through regional/local procurement</p>                                                                         | <p>Reduce by 10% by 2026 and 50% by 2030 the ton-kilometers transported through regional purchases</p>                            | <p>ton-kilometers transported</p>                                                                                                                                             |
| <p><b>Optimize supply processes to limit purchases</b></p> <p>Improve demand planning, forecasting, and supply chain management to avoid over-consumption and surplus stocks and losses, and increase use of more efficient transportation where possible</p>                                    | <p>Reduce over-purchased or surplus stock by 20% by 2026</p> <p>Achieve 80% accuracy in demand forecasting by 2027</p>            | <p>% reduction in surplus stock or inventory write-offs (measured quarterly)</p> <p>Forecast accuracy rate (measured as the variance between predicted and actual demand)</p> |

|                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Strengthen the logistics unit to set up procedures and provide support where necessary.</p>                                                                                                                                                                                                                                          | <p>Establish a fully operational internal logistics unit by 2025</p> <p>Develop and implement standardized supply chain procedures by the end of 2025</p>                                                                                                                                                                                                            | <p># of standardized procedures implemented for demand planning and logistics</p> <p>% of supply processes supported by the internal logistics unit</p>                                                      |
| <p><b>Packaging</b></p> <p>Minimize the use of single-use and non-recyclable packaging for relief and asset items</p> <p>Incorporate reusable or multi-purpose packaging where feasible</p> <p>Transition to biodegradable, recyclable, or recycled-content materials for packaging</p> <p>Apply sustainable criteria for packaging</p> | <p>Decrease packaging-related waste generated per relief or asset item by 20% by 2027</p> <p>Transition 50% of packaging to biodegradable, recyclable, or recycled-content materials by 2026</p> <p>Ensure 100% sustainable criteria for packaging are applied in the tenders (e.g., recyclable, reusable, biodegradable, or made from recycled content) by 2026</p> | <p>recyclable, reusable, or biodegradable</p> <p>Quantity (or weight) of packaging waste per relief or asset item (measured quarterly)</p> <p>% of tenders that comply with defined sustainable criteria</p> |

Considering six out of the ten highest spent items/activities are related to construction materials and work, it represents major carbon emissions within the procurement actions. Therefore, there is a set of actions targeted at reducing the carbon emissions from construction actions.

| ACTIONS                                                                                                                                                                                                                                                                     | TARGETS                                                                                                                                                | INDICATORS  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <p>Avoid superfluous construction material.</p> <p>Avoid overuse: strictly order what is required only; work with suppliers to be able to send back any superfluous material for reuse</p>                                                                                                                                                                     | <p>Reduce construction waste by 20% by the end of 2026, and by 50% by 2030</p>                                                                                                                                                            | <p>The volume of construction waste</p>                                                          |
| <p>When hiring contractors or in the construction procurement process, request that environmentally sustainable building design guidelines (e.g., from a recognized certification scheme such as EDGE, LEED, BREEAM, Passive House), or otherwise demonstrating a reduction in environmental impact) be used that minimize required construction material.</p> | <p>50% of new constructions between now and 2026 include environmentally sustainable building design guidelines</p> <p>100% of new constructions between 2026 and 2030 include environmentally sustainable building design guidelines</p> | <p># of projects completed using sustainable design principles</p>                               |

|                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                 |                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shift to less carbon-intensive materials<br><br>Use lower-carbon construction materials that are an alternative to cement such as bamboo, timber (only sustainably produced), and biomass including straw, and clay/mud. | 20% of the construction materials will be low-carbon emission materials (bamboo, timber, biomass) by 2026 and 50% in 2030                                                                                                                       | The volume of low-carbon emission materials / Total volume of the construction materials.                                                                                           |
| Consider vernacular (based on local traditions) architecture and locally available materials which can be more adapted to local climates, can have a lower carbon footprint, and can promote local value chains.         | 20% of construction materials will be produced region or locally by 2026, and 50% by 2030<br><br>10% of construction projects include vernacular elements by 2026 and 50% by 2030.                                                              | The volume of construction materials purchased regionally or locally / total volume of construction materials.<br><br>The % of construction projects including vernacular elements. |
| Improve carbon-intensive material that is being used<br><br>For bricks, consider energy-efficient brick kilns.                                                                                                           | Establish procurement guidelines requiring energy-efficient brick production for 100% of brick purchases by 2027                                                                                                                                | #of contracts or purchase agreements with suppliers using energy-efficient kilns                                                                                                    |
| Consider energy efficiency and renewable energy in construction processes.                                                                                                                                               | 20% of construction material suppliers have decarbonization targets in place by 2026 and 50% by 2030.<br><br>20% of suppliers are covering at least 20% of their manufacturing energy needs with renewable energy sources by 2026. 50% by 2030. | #of vendors meeting energy efficiency and renewable energy procurement criteria<br><br>%of construction contracts that mandate energy-efficient practices or renewable energy usage |

## Tools, Guidelines, and Resources

**DRC Sustainable Procurement Catalogue** Insite page: [Sustainable Procurement Catalogue](#)

**DRC Sustainability in Supply Chain** Insite page: [Sustainable Procurement Management](#)

**WREC Sustainable Market Assessment Toolkit:** [Green Procurement Market Assessment Toolkit -](#)

[WREC | Logistics Cluster Website](#)

[WREC - Circular Products Purchasing Tool](#)

**UNDP:** [What is vernacular architecture, and how can it help Afghanistan?](#)

**World Economic Forum:** [Sustainable concrete is possible – here are 4 examples](#)



# Staff commuting and Business Travel

## THE FACT/DATA

The emission from staff commuting between home and facilities had **579 tons** of CO2e emission in 2023, contributing to around **2.87%** of the total emissions. On the other hand, business travel, including accommodation, travel costs, and meal costs account for **1.3%** of CO2 emissions in the Afghanistan office. To address the emissions related to staff commuting and business travel, involving employees is essential. Like fleet management/fuel, lubricant, and mileage, we can address employee commuting with the Avoid-Shift-Improve (AVI) approach. According to a survey from September 2024, **in Afghanistan, more than half of employees commute to work by car, walking and cycling (using electric bikes) come next, and few employees take the bus. Most employees never work from home, though some are starting to do so.**

### Staff Commuting overall decarbonization target:

Reduce emissions by encouraging a shift to low-carbon transport options and remote work, aiming for a **60% reduction in commuting emissions by 2030.**

### Business travel overall decarbonization target:

Reduce emissions by implementing virtual alternatives to travel and prioritizing low-carbon travel options, targeting a **50% reduction in business travel emissions by 2030.**

## ACTIONS, TARGETS & INDICATORS

| ACTIONS                                                                         | TARGETS                                                                                                                                                                   | INDICATORS                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Reduce the demand for commuting</p> <p>Encourage teleworking days to reduce the need to commute if applicable.</p> <p>Make meetings virtual where possible.</p> | <p>The kilometers traveled by staff coming to the office with individual transport means using fossil fuels will be reduced by 20% by the end of 2026 and 40% by 2028</p> <p>#of km from commuting reduced by 20% in 2026, 40% in 2028, and 50% by 2030.</p> | <p>Total kilometers traveled by employees using fossil-fuel vehicles / #of employees commuting</p> <p>% of employees using low-carbon commuting options (e.g., walking, cycling, public transport, carpooling, or EVs)</p> <p># of remote working days implemented per employee per year</p> |
| <p>Reduce the carbon impact of commuting and business travel</p> <p>Introducing vehicle shuttle or pooling</p>                                                     | <p># of commuting trips by with individual vehicles will be reduced by 20% in 2026 and 50% by 2030.</p>                                                                                                                                                      | <p># of staff commuting by individual vehicles</p>                                                                                                                                                                                                                                           |

|                                                                                                                                                                                                                                  |                                                                                                                          |                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Group several objectives around a single trip                                                                                                                                                                                    | By 2027, reduce by 30% the mileage travel by air (staff and participants included) compared to 2024, and by 45% by 2030. | The mileage traveled by air (km)<br><br>% of business trips replaced by virtual meetings<br><br>CO <sub>2</sub> e emissions per business trip (measured quarterly/annually) |
| Prioritize environmentally sustainable accommodation, e.g., certified eco-hotels, and/or hotels with renewable energy or whose buildings have sustainability certifications (e.g., Passive House/LEED/BREAAM/EDGE certificates). | 20% of the accommodation booked during business travel are certified eco-hotel in 2027, and 50% in 2030                  | # of eco-hotels booked during business travel                                                                                                                               |

 **Tools, Guidelines, and Resources**

- Climate Action Accelerator: [Travel Toolkit](#)
- WREC Coalition: [Guidance for environmentally sustainable meetings](#)
- Climate Action Accelerator’s [Factsheet commuting](#)
- Climate Action Accelerator’s [Factsheet soft mobility](#)
- Climate Action Accelerator’s [Factsheet direct flights](#)
- Climate Action Accelerator’s [Factsheet economy class tickets only](#)



# Waste

## THE FACT/DATA

Waste is notably absent from the hotspot analysis due to **insufficient data**; however, it remains a significant source of emissions and environmental pollution. In the humanitarian context, common waste includes packaging materials from procurement and warehouses, discarded tires, oil, and vehicles from fleet operations, as well as office waste. This gap underscores the urgent need for improved waste management practices and the systematic collection of waste data in DRC Afghanistan. Addressing this issue is essential to fully understanding and reducing the organization's environmental impact.

## ACTIONS, TARGETS & INDICATORS

| ACTIONS                                                                                                                                      | TARGETS              | INDICATORS                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Avoid and reduce waste generated</p> <p>Reduce usage of single-use items and favor the use of reusable, biodegradable materials</p>                                                                                          | <p>The overall weight of waste will have been reduced by 20% by the end of 2026, and by 50% by 2030</p> | <p>The volume of waste (kg)</p>                                                                                                                                           |
| <p>Anticipate donations through a better understanding of expiration dates and a strict donation policy</p>                                                                                                                     | <p>Reduce Product Waste due to Expiration by 50% by 2030</p>                                            | <p>The volume of anticipated donations of items near the expiration date (Kg)</p> <p>or</p> <p>Products donated before expiration / Total products nearing expiration</p> |
| <p>Build a centralized waste monitoring system based on the waste data from each warehouse location.</p>                                                                                                                        | <p>Have a centralized waste monitoring system in place by 2025</p>                                      | <p>Yes or No</p>                                                                                                                                                          |
| <p>Increase local or regional recycling</p> <p>Improve collecting, measuring, and sorting of domestic waste and evaluate local waste streams</p> <p>Promote recycling of electronic and electric equipment and fixed assets</p> | <p>All the premises will collect, measure, and sort different types of waste streams by 2025.</p>       | <p># of premises that collect and sort waste / total #of premises</p>                                                                                                     |

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                    |                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Identify opportunities for local collaboration on waste collection and recycling<br><br>Involve Programme in the camp                                                                                                                     | All the premises have assessed and identified viable repairing, recycling, repurposing, and reuse streams for their different types of waste (as part of their waste management plan) by the end of 2026 Programme | Request from the partners: The volume of recycled, reused, repaired, and repurposed waste / total waste volume generated from the project activities. Programme |
| Put in place waste management plans<br><br>Establish and implement tailor-made waste management plans (WMP) based on in-depth diagnosis and waste segregation. This includes the monitoring of waste generated and disposal methods used. | Waste management plan in place by the end of 2025                                                                                                                                                                  | Yes or No                                                                                                                                                       |

 **Tools, Guidelines, and Resources**

- Waste Logie Map:** [WREC](#)
- DRC Sustainability in Supply Chain Insite page:** [Sustainable Waste Management](#)
- [WREC Waste or Material Characterization Exercise Guidance](#)
- [WREC Waste Management Cheat Sheet](#)



# Programme Specific Measures

## ACTIONS, TARGETS & INDICATORS

| ACTIONS                                                                 | TARGETS                                       | INDICATORS                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Landscape restoration approaches, Agroforestry, Afforestation/Reforestation, Enrichment tree planting, Farmer Managed Natural Regeneration (FMNR)        | DRC country office engages in tree planting and or conserving of existing tree species of at least 500 Hectares by 2030        | # Hectares conserved<br># Trees planted and protected (survival assessment)<br>#tCO2e removed                    |
| Energy-saving cookstoves (fixed lorenos and movable energy-saving stoves); Solarization-lighting and productive use of energy; Bio-briquettes production | People of concern and host communities are targeted in accessing clean and renewable energy technologies with about 40% target | Annual briquette production<br># energy saving technologies distributed to persons of concern<br># tCO2e avoided |
| Climate-smart Agriculture approaches: Sustainable land management; Agroecology; Soil Organic Carbon approaches; permaculture                             | Country office programmes mainstreaming climate smart techniques in economic recovery projects                                 | # concepts/proposals mainstreaming climate smart techniques                                                      |
| Sustainable WATER Utilization: Rainwater Harvesting; Ponds and valley dams trapping runoff water                                                         | Projects using water harvesting techniques as well as country offices                                                          | # litres of harvested water                                                                                      |

# Annex 1: Governance Structure

The governance structure of rolling out the decarbonization roadmap comprises two layers. The first layer is the steering committee, and the second layer is the working group within each decarbonization domain.

|                             |                                   |               |               |
|-----------------------------|-----------------------------------|---------------|---------------|
|                             | Steering Committee<br>CD,Hop,Hoss |               |               |
| Procurement                 | FOCAL POINT 1                     | FOCAL POINT 2 | FOCAL POINT 3 |
| Fleet                       | FOCAL POINT 1                     | FOCAL POINT 2 | FOCAL POINT 3 |
| Energy In Facility          | FOCAL POINT 1                     | FOCAL POINT 2 | FOCAL POINT 3 |
| Commuting & Business Travel | FOCAL POINT 1                     | FOCAL POINT 2 | FOCAL POINT 3 |

The Steering Committee is led by the Head of Support Services (HoSS), Head of Programmes (HoPs), and Programme Coordinator. The Steering Committee will provide oversight, strategic guidance, and alignment with global and local sustainability objectives.

Their responsibilities include:

## 1. STRATEGIC ALIGNMENT AND PLANNING

**Goals:**

- Develop a comprehensive strategy to align support and programme activities with sustainability goals.
- Ensure consistent and integrated sustainability efforts across all DRC operations in Afghanistan.

**Activities:**

- Lead the development of a strategic plan that integrates decarbonization efforts in procurement, logistics, construction, and other programme areas.
- Coordinate closely with the Supply Chain Managers (SCMs), Programme Coordinator, and other key personnel to ensure all tasks align with the decarbonization roadmap.
- Conduct regular strategy reviews to adjust objectives in line with evolving sustainability targets and operational challenges.

## 2. CROSS-DEPARTMENTAL COLLABORATION

### Goals:

- Foster collaboration between programme, support, and technical teams to achieve sustainability targets.
- Ensure programme activities align with DRC's broader decarbonization and climate action plans.

### Activities:

- Facilitate communication between procurement, logistics, programme implementation, finance, and sustainability teams.
- Ensure sustainability objectives are integrated into the design and delivery of programme activities, including construction projects, community engagement, and shelter programmes.
- Regular coordination meetings with stakeholders to align and assess the sustainability impact of both support and programme activities.

## 3. PROGRAMME IMPLEMENTATION AND MONITORING

### Goals:

- Integrate sustainability into construction and other programme activities.
- Monitor the effectiveness of sustainability efforts in both programme and support sectors.

### Activities:

- Implement sustainable practices in construction projects, focusing on energy-efficient designs, the use of sustainable materials, and minimizing waste.
- Monitor programme-related emissions, including construction projects, field activities, and local partnerships.
- Establish Key Performance Indicators (KPIs) for reducing CO2 emissions in programme operations, including construction, transportation, and energy use.

## 4. PROCUREMENT AND SUSTAINABLE SOURCING

### Goals:

- Source materials and services that align with DRC's sustainability and decarbonization targets.
- Establish long-term relationships with suppliers committed to low-carbon operations.

### Activities:

- Develop procurement policies that prioritize sustainable materials and low-carbon suppliers, particularly for construction projects and field materials.
- Engage suppliers in sustainability initiatives, including workshops and training on low-carbon practices.
- Implement a supplier monitoring system to track compliance with DRC's sustainability standards.

## 5. LOGISTICS AND TRANSPORTATION OPTIMIZATION

### Goals:

- Reduce CO2 emissions from logistics, transportation, and warehousing activities.
- Improve energy efficiency and sustainability in distribution and transportation networks.

### Activities:

- Optimize transportation routes to minimize fuel consumption, integrating eco-driving and route optimization technologies.
- Transition to energy-efficient vehicles for the fleet, including the use of electric or hybrid options where feasible.
- Implement sustainable packaging solutions for materials transported to field offices and distribution sites.

## 6. CONSTRUCTION AND SHELTER PROGRAMME DECARBONIZATION

### Goals:

- Reduce the carbon footprint of construction activities and shelter interventions.
- Use innovative construction methods and materials that support sustainability.

### Activities:

- Promote the use of locally sourced and sustainable construction materials.
- Adopt energy-efficient design principles in all shelter and infrastructure projects.
- Train construction teams on green building techniques and monitor the carbon impact of construction projects.

## 7. MONITORING, REPORTING, AND CONTINUOUS IMPROVEMENT

### Goals:

- Track and report the impact of sustainability initiatives across support and programme sectors.
- Ensure transparency and accountability in DRC's decarbonization efforts.

### Activities:

- Develop a comprehensive system for monitoring CO2 emissions, energy consumption, and other sustainability metrics.
- Produce regular reports for internal and external stakeholders, highlighting progress towards decarbonization targets.
- Conduct annual sustainability audits to identify opportunities for improvement and update strategies as needed.

## 8. STAKEHOLDER ENGAGEMENT AND CAPACITY BUILDING

### Goals:

- Engage internal and external stakeholders in sustainability efforts.
- Build capacity within DRC staff and partner organizations to promote sustainable practices.

### Activities:

- Conduct training and awareness programmes for DRC staff, partners, and suppliers on sustainable practices, with a focus on field operations and programme delivery.
- Engage local communities in sustainability initiatives, including energy-efficient cooking methods, sustainable agriculture, and waste reduction.
- Collaborate with international donors, regulatory bodies, and local authorities to ensure compliance with environmental standards and promote transparency in sustainability efforts.

## 9. RISK MANAGEMENT AND COMPLIANCE

### Goals:

- Identify and mitigate risks associated with sustainability and decarbonization initiatives.
- Ensure all activities comply with local and international environmental regulations.

### Activities:

- Develop a risk assessment framework that addresses potential challenges, including supply chain disruptions and regulatory changes.
- Ensure compliance with local and international environmental standards in all programme and support activities.
- Regularly review policies and adjust strategies to address emerging risks and opportunities.

## SHARED RESPONSIBILITIES

### Stakeholder Communication:

- Collaborate across departments to communicate sustainability goals and progress to internal and external stakeholders.
- Ensure consistent messaging and alignment between programme and support sectors regarding sustainability initiatives.

### Training and Awareness:

- Jointly develop and deliver training on sustainability practices for all relevant DRC staff, partners, and local communities.
- Promote awareness of DRC's commitment to sustainability across all operations and programme areas.

By adopting this comprehensive strategy, DRC Afghanistan will effectively contribute to global sustainability efforts while maintaining a high standard of humanitarian assistance. This plan ensures both the support and programme sectors are well-aligned in their decarbonization goals, with clear responsibilities and measurable targets guiding the way forward.

## ACTIONS AND FOCAL POINT TABLE

| AREA  | ACTION                                                                                                      | FOCAL POINT(S)  |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Energy in facilities<br>(warehouse, office, guesthouse)                                | Conduct energy efficiency campaigns                                                                                                                                                          | Admin Team Leader                                                                                  |
|                                                                                        | Use the digital tool: React for energy assessment and monitoring                                                                                                                             | Admin Team Leader/<br>IT Coordinator                                                               |
|                                                                                        | Monitor electrical installations and optimize power set and usage                                                                                                                            | Admin Officer                                                                                      |
|                                                                                        | Prioritize energy-efficient equipment (AC, heaters, light appliances...) and Switch lightbulbs to highly efficient LED (Light Emitting Diodes)                                               | Admin Officer                                                                                      |
|                                                                                        | Redefine temperature standards in all facilities. Only switch on the AC during regular business hours and set to optimum temperature (usually around 24/25 degrees Celsius).                 | Admin Officer / TL                                                                                 |
|                                                                                        | For new construction, build-in insulation from the start and consider environmentally sustainable building design guidelines and certifications such as Passive House, EDGE, LEED, or BREEAM | Programme Coordinator/<br>Head Of Programme                                                        |
|                                                                                        | Use solar energy for specific equipment                                                                                                                                                      | Admin Team Leader                                                                                  |
|                                                                                        | Increase solar energy systems at the Country Office, Guesthouse, and other field offices                                                                                                     | Admin Officer                                                                                      |
|                                                                                        | Reduce fossil-fuel-produced and -consumed electricity thanks to renewable resources                                                                                                          | Admin TL / HOSS                                                                                    |
|                                                                                        | Subscribe to a decarbonated energy supplier for buildings, where possible                                                                                                                    | Admin TL/ HOSS                                                                                     |
|                                                                                        | Buy energy from green energy suppliers in national coordination when available                                                                                                               | Admin TL/ HOSS                                                                                     |

| AREA  | ACTION                                                                                                                                                                        | FOCAL POINT(S)  |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Fleet                                                                                  | DRC should enhance the efficiency of its vehicle usage by coordinating schedules, managing vehicle pooling, and minimizing unnecessary travel.                                                                                                                 | Safety Transport Officer/<br>SC Logistics Officer                                                  |
|                                                                                        | Have a daily/weekly/monthly movement plan in place allowing for combining movements of goods and people. Prioritize scheduled deliveries.                                                                                                                      | Sector Manager /<br>SC Logistics Officer                                                           |
|                                                                                        | Downsizing: Optimize the assignment of vehicles based on their intended use                                                                                                                                                                                    | SC Logistics Officer/<br>Sector Manger                                                             |
|                                                                                        | Rightsizing: Increase the vehicle utilization rate by rearranging the size of the fleet                                                                                                                                                                        | SC Logistics Officer/<br>Sector Manger                                                             |
|                                                                                        | Use the Clean Fleet toolkit to track the environmental performance of the fleet and develop strategies to reduce emissions, lower costs, and enhance overall fleet performance                                                                                 | SC-Fleet Specialist /<br>Support Service TL                                                        |
|                                                                                        | DRC should measure vehicle movements, costs, and maintenance records to gather usage data that will support informed decision-making and improve fleet management.                                                                                             | SC-Fleet Specialist /<br>Support Service TL                                                        |
|                                                                                        | Fleet staff should actively participate in eco-driving training                                                                                                                                                                                                | SC-Logistics Officer                                                                               |
|                                                                                        | Schedule regular & preventative maintenance to avoid costly repairs down the line                                                                                                                                                                              | SC-Logistics Officer                                                                               |
|                                                                                        | Purchase quality and durable fleet spare parts to reduce the generation of fleet waste                                                                                                                                                                         | SC Procurement Officer /<br>SC-Logistics Officer                                                   |
|                                                                                        | Give broken or malfunctioning items a second life by repairing and finding new uses for unwanted items (e.g. empty drums to store used oil or filters instead of throwing them away)                                                                           | SC-Logistics Officer                                                                               |
|                                                                                        | Arrange reverse logistics schemes with your fleet suppliers to take back spare parts such as batteries and used oil and filters.                                                                                                                               | SC-Logistics Officer                                                                               |
|                                                                                        | DRC should establish practices for end-of-life vehicles, prioritizing environmentally friendly recycling and reuse options to minimize carbon emissions.<br>Segregate and store hazardous fleet waste properly and arrange collection by specialized companies | SC-Fleet Specialist/<br>SCM- Logistics                                                             |

| AREA  | ACTION                                                                                                                                                                                                                   | FOCAL POINT(S)  |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Procurement                                                                            | Identify a pool of suppliers for selected high-impact or high-risk items to facilitate the implementation of environmentally sustainable alternatives and to build long-term relationships to have greater influence                                                                                      | Procurement Manager / HOSS                                                                         |
|                                                                                        | Identify environmentally sustainable alternatives for most purchased goods and services or with the most significant impact. (Complete a green procurement market assessment for the top 5 spend categories)                                                                                              | Procurement Manager                                                                                |
|                                                                                        | Inform suppliers about the organization's carbon strategy and invite them to work with sustainability                                                                                                                                                                                                     | Procurement Manager                                                                                |
|                                                                                        | Request visibility from suppliers on carbon value and life cycle information on decarbonizing their operations.                                                                                                                                                                                           | Procurement Manager                                                                                |
|                                                                                        | Provide appreciation for suppliers that measure their emissions and put concrete measures in place to reduce emissions                                                                                                                                                                                    | Procurement Manager / Head of Support Services                                                     |
|                                                                                        | Reduce the #of tonne-kilometers transported through regional / local procurement                                                                                                                                                                                                                          | SC Manager                                                                                         |
|                                                                                        | <p>Improve demand planning, forecasting, and supply chain management to avoid over-consumption and surplus stocks and losses, and increase use of more efficient transportation where possible</p> <p>Consolidate an internal logistics unit to set up procedures and provide support where necessary</p> | <p>SC Manager/<br/>Programme manager</p> <p>SC Manager</p>                                         |

| AREA  | ACTION                                                                                                                         | FOCAL POINT(S)  |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Construction</b>                                                                    | Avoid overuse: strictly order what is required only; work with suppliers to be able to send back any superfluous material for reuse                                                                             | Programme Coordinator, Sector Manger                                                               |
|                                                                                        | When hiring contractors or in the construction procurement process requests that sustainable building design guidelines be used that minimize required construction material.                                   | Programme Coordinator, Sector Manger                                                               |
|                                                                                        | Use lower-carbon construction materials that are alternative to cement such as bamboo, timber, and biomass including straw, and clay/mud.                                                                       | Programme Coordinator, Sector Manger                                                               |
|                                                                                        | Consider vernacular (based on local traditions) architecture and locally available material which can be more adapted to local climates, can have a lower carbon footprint, and can promote local value chains. | Programme Coordinator, Sector Manger                                                               |
|                                                                                        | For bricks, consider energy-efficient brick kilns.                                                                                                                                                              | Programme Coordinator, Sector Manger                                                               |
|                                                                                        | Consider energy efficiency and renewable energy in construction processes.                                                                                                                                      | SC Manager                                                                                         |

| AREA  | ACTION                                                                                                                                        | FOCAL POINT(S)  |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Staff commuting and business travel</b>                                               | Encourage teleworking days to reduce the need to commute if applicable.                                                                                                                                                          | HOSS / HOP                                                                                           |
|                                                                                          | Make meetings virtual where possible.                                                                                                                                                                                            |                                                                                                      |
|                                                                                          | Introducing vehicle shuttle or pooling                                                                                                                                                                                           | Fleet Specialist / Support Service TL                                                                |
|                                                                                          | Group several objectives around a single trip                                                                                                                                                                                    | Fleet Specialist / Support Service TL                                                                |
|                                                                                          | Prioritize environmentally sustainable accommodation, e.g., certified eco-hotels, and/or hotels with renewable energy or whose buildings have sustainability certifications (e.g., Passive House/LEED/BREAAM/EDGE certificates). | Admin TL / Support Service TL                                                                        |

| AREA  | ACTION                                                                                                        | FOCAL POINT(S)  |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Waste                                                                                  | Reduce usage of single-use items and favor the use of reusable, biodegradable materials                                                                                                        | Logistic Manager                                                                                   |
|                                                                                        | Anticipate products' donations through better understanding of expiration dates and a strict donation policy                                                                                   | Logistic Manager and HoSS                                                                          |
|                                                                                        | Build a centralized waste monitoring system based on the waste data from each warehouse location.                                                                                              | Logistic Manager / Admin TL                                                                        |
|                                                                                        | Improve collecting, measuring, and sorting of domestic waste and evaluate local waste streams                                                                                                  | Logistic Manager / Admin TL                                                                        |
|                                                                                        | Promote recycling of electronic and electric equipment and fixed assets                                                                                                                        |                                                                                                    |
|                                                                                        | Identify opportunities for local collaboration on waste collection and recycling                                                                                                               | Logistic Manager / Admin TL                                                                        |
|                                                                                        | Establish and implement tailor-made waste management plans (WMP) based on in-depth diagnosis and waste segregation. This includes the monitoring of waste generated and disposal methods used. | Logistic Manager                                                                                   |

| AREA  | ACTION                                                                | FOCAL POINT(S)  |
|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Programme                                                                                | Landscape restoration approaches, Agroforestry, Afforestation/Reforestation, Enrichment tree planting, Farmer Managed Natural Regeneration (FMNR)        | HOP / Programme Coordinator                                                                          |
|                                                                                          | Energy-saving cookstoves (fixed lorenas and movable energy-saving stoves); Solarization-lighting and productive use of energy; Bio-briquettes production | HOP / Programme Coordinator                                                                          |
|                                                                                          | Climate-smart Agriculture approaches: Sustainable land management; Agroecology; Soil Organic Carbon approaches; permaculture                             | HOP / Programme Coordinator                                                                          |
|                                                                                          | Sustainable WATER Utilization: Rainwater Harvesting; Ponds and valley dams trapping runoff water                                                         | HOP / Programme Coordinator                                                                          |

## Annex 2: Report Mechanism

The focal point of each decarbonization action is responsible for reporting the status and result of the indicators. The focal point is suggested to use a centralized dashboard “[Part5. Reporting Template AFG.xlsx](#)” for regularly reporting progress. Each focal point provides a brief progress report on their assigned action, including:

- Current status (e.g. “In process”, “not start”, “on hold” “completed”).
- Quantitative updates on targets and indicators.
- Challenges encountered and support needed.

The Steering Committee will regularly review each action’s progress against its defined targets and indicators.

# Annex 3: Quick wins & Low-hanging fruits

Low-hanging fruits are the easy, quick actions you can take to start reducing carbon emissions right away. These actions don't require much time, money, or effort to implement but can still make a noticeable difference. Starting with these simple steps helps build momentum and shows that progress is possible, even with small changes.

## PROCUREMENT

- Identify a pool of suppliers for selected high-impact or high-risk items to facilitate the implementation of environmentally sustainable alternatives and to build long-term relationships to have greater influence
- Inform suppliers about the organization's carbon strategy and invite them to work with sustainability
- Prioritize locally or regionally produced items
- Prefer items with reduced packaging, buy in bulk, when possible
- Identifying Needs: Before any procurement activity, ask yourself:
  - Could we refurbish existing resources instead of buying new ones?
  - Are there alternatives that could serve the same purpose but have a lower environmental impact?
- Think circular: refusing, reducing, reusing, repairing, refurbishing, remanufacturing, repurposing and recycling when possible

## ENERGY

- **Lighting and Equipment Usage:**
  - Set reminders to switch off or unplug lighting and equipment when not needed. Use posters and “turn it off” stickers as visual prompts.
  - Turn off office lights, monitors, and other electronics when leaving for the day or for more than 15 minutes. Use power strips to make unplugging non-essential equipment easier.
  - Take advantage of natural daylight whenever possible. Turn off or dim electric lighting when not needed. In winter, open blinds during the day to allow sunlight to naturally heat spaces, and close blinds at night to reduce heat loss.
- **Temperature Management:**
  - Redefine temperature standards: set air conditioning to a minimum of 20°C in summer and heating to a maximum of 22°C in winter.
  - Only operate air conditioning or heating during regular business hours and avoid opening windows while they are on. Use fans as an energy-efficient alternative to air conditioning when feasible.

- **Building Insulation and Heat Control:**
  - Insulate walls and roofs with locally adapted insulation materials to improve energy efficiency.
  - Paint roofs white to reflect heat and reduce heat buildup.
- **Passive Measures for Efficiency:**
  - Use passive measures effectively, such as pulling down window blinds first thing in the morning to block heat and sunlight.
  - Avoid opening windows when heating or cooling systems are operating.
- **Hand Drying:**
  - Opt for electronic hand dryers over paper towels to save energy and reduce waste.

## WASTE

- Reduce food waste through detailed planning. Donate leftover food. Reducing meat reduces carbon emissions drastically. Support local food producers and respect food seasonality. Compost my food waste
- Work with caterers that provide re-usable containers, cups, and cutlery
- Set printers per default to print double-sided and in black and white.
- Place clearly labelled bins for paper, plastics, glass, and metals in convenient locations
- Dispose of electronic waste responsibly and separate from other waste, including household batteries
- Seek out alternatives to single-use plastics. I will keep a set of reusable cutleries at work
- Avoid buying and using single-use plastic bottles and cups whenever possible

## FLEET

- Turn off the motor when waiting for more than 30 seconds periods
- Shift to off-peak times to avoid idling in congestion
- Regularly check tire pressure
- Remove any extra weight and roof load
- Drive with tires that are properly inflated. Driving with deflated tires reduces gas mileage by up to 3%.

## COMMUTE & BUSINESS TRAVEL

- Introduce teleworking days to reduce the need to commute
- Ease bicycle usage with adapted facilities: Install secure and covered bicycle parking, and provide a basic bike maintenance kit at the office (pump, patches), helmets, and bicycle parking.
- Reduce and opt for more sustainable transport (trains, buses, etc.)
- Share the vehicle with people commuting the same route, whenever possible

# Footnotes

1. [Danish Refugee Council - Climate Charter](#)
2. [Go Green - Climate and Environment in DRC](#)
3. [Sustainability in Supply Chain](#)
4. [Homepage | GHG Protocol](#)
5. [Upstream and downstream emissions, explained | Normative](#)
6. [DEFRA – Department for Environment, Food & Rural Affairs \(UK\); IEA – International Energy Agency; US EPA – United States Environmental Protection Agency](#)
7. [REact](#)
8. [REact](#)
9. [Consult the Webinar: How to set up your preventative maintenance schedule](#)
10. [Consult the Webinar: How to reduce vehicle emissions by managing your tyres](#)
11. [Consult the WREC Waste management \(WM\) facilities mapping to identify WM facilities in your country of operation](#)
12. [Consult the Webinar Waste Management | Annual Conference 2023](#)
13. [Consult the Hazardous waste booklet](#)
14. [Consult the ICRC: Garage Waste Management SOP | Sector Examples](#)