Greening Humanitarian Assistance
Donor Priorities and Practical Guidance

26th June 2025 / 15h-17h CEST

Welcome and Agenda

Part 1:

- Launch of the Common Donor Greening Priority Actions
- Donor Interventions
- Launch of the Environmental Sustainability Guidance
- Q&A

Part 2:

- Unpacking the Priority Actions
- Case Studies, tools and guidance from Organizations
- Q&A

Greening
DONOR GREENING GROUP

Climate and
Environment
Charter

Donor **Greening** Working Group

Introduction to the Common Donor Greening Priority Actions

Scan me!

Introduction to the Common Donor Greening Priority Actions: Why does Greening matter for the Sector?

Climate change is driving more severe and frequent emergencies, undermining livelihoods, and serving as a catalyst for conflict and migration. Greening....

- Increases operational efficiency & reduces costs (e.g. solar power, reduced air travel, joint warehousing and transport).

- Protects natural resources – conserves livelihoods and supports stability in fragile settings.

- Enhances localisation & resilience: building local capacity, stimulating sustainable markets and empowering communities to recover and thrive.

- Environmentally responsible hum. assistance reduces pollution, prevents disease, e.g. through cleaner energy and cooking solutions.

Introduction to the Common Donor Greening Priority Actions: What are the Actions intended to be?

- Developed by Donor Greening Group to enhance coordination & drive collective action on greening.

- Aligned with Commitments 3 & 4 of Donor Declaration and reflect shared ambitions for greening.

- Designed to deliver climate and environmental outcomes while supporting humanitarian effectiveness.

- Build on momentum from ECHO's Min. Env. Requirements, Donor Declaration & support for Charter

- Clear, unified message from donors to partners - promote coherence and avoid contradiction

- Non-exhaustive - key actions donors agree to promote.

A quick peek at the Priority Actions

Environmental assessments

Greener products & services

Travel & transport emissions

Sustainable waste mgmt.

Single-use plastics

Water exploitation & wastewater mgmt.

Water trucking

Clean cooking

Fossil fuel generators

Sustainable food

Donor Interventions

Spanish Agency for International Development Cooperation/AECID
Mrs. Lucía Prieto Ríos, Humanitarian Director

Directorate General for European Civil Protection and Humanitarian Aid Operations /DG ECHO
Mr. Frederik Schutyser, Deputy Head of Unit, Humanitarian Aid Thematic Policies

Crisis and Support Centre/CDCS
Mr. Pierre Salignon - Head of the Humanitarian and Stabilisation Operations Centre

Swiss Agency for Development and Cooperation/SDC
Mr. Silvio Flückiger - Deputy Head of Humanitarian Aid and Head of Operation

German Federal Foreign Office/GFFO
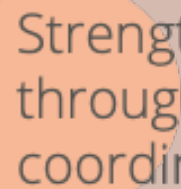*Mr. Helge Holleck - Deputy Head of Division - Humanitarian Assistance and International Disaster Response*

Greening
DONOR GREENING GROUP

Climate and Environment Charter

Priorities to Action:
Aims of the Charter Secretariat

Connect signatories to experts and resources within and beyond the Charter network to access **technical guidance** in implementing Charter commitments.

Serve as a **knowledge-sharing** platform to share Charter-related resources, collaborate in developing knowledge products, and exchange lessons learned and best practices from the Charter community.

Strengthen **communications and engagement** with Charter signatories through developing and enhancing platforms for partnership, learning, and coordination.

Promote, disseminate, and advocate for the Charter, and the implementation of its commitments, within the humanitarian community.

Expertise for Climate and Environmental Action

330+ Resources

- Guide/Guidance — 59
- Tool/Tool with Support — 45
- Network/Partnership — 34
- Training — 30
- NGO to NGO support — 19
- Online platform — 18
- Research/Think Tank/Academia/Reference Center — 18
- Resource Library — 15
- Consulting/Advisory Services — 15
- Regional Platform/organisation — 13
- Case Study — 12
- Methodology — 10
- Support desk/Reference Center — 9
- Community of practice — 9
- Working Group — 8
- Funding/Fundraising initiative — 6
- Incubator/Accelerator — 5

Secretariat Guidance Pages

Objective
This platform aims to serve as a dynamic resource, providing easy access to tools, expertise, and case studies that help organizations integrate climate and environmental considerations into their programming

Thematic Pages
- Disaster Risk Reduction (online)
- Environmental Sustainability (online)
- Local and Indigenous Knowledge (coming soon)
- Nature-based Solutions (coming soon)
- Climate Science and Risk
- Preparedness, Early Warning, Anticipatory Action
- Climate Change Adaptation
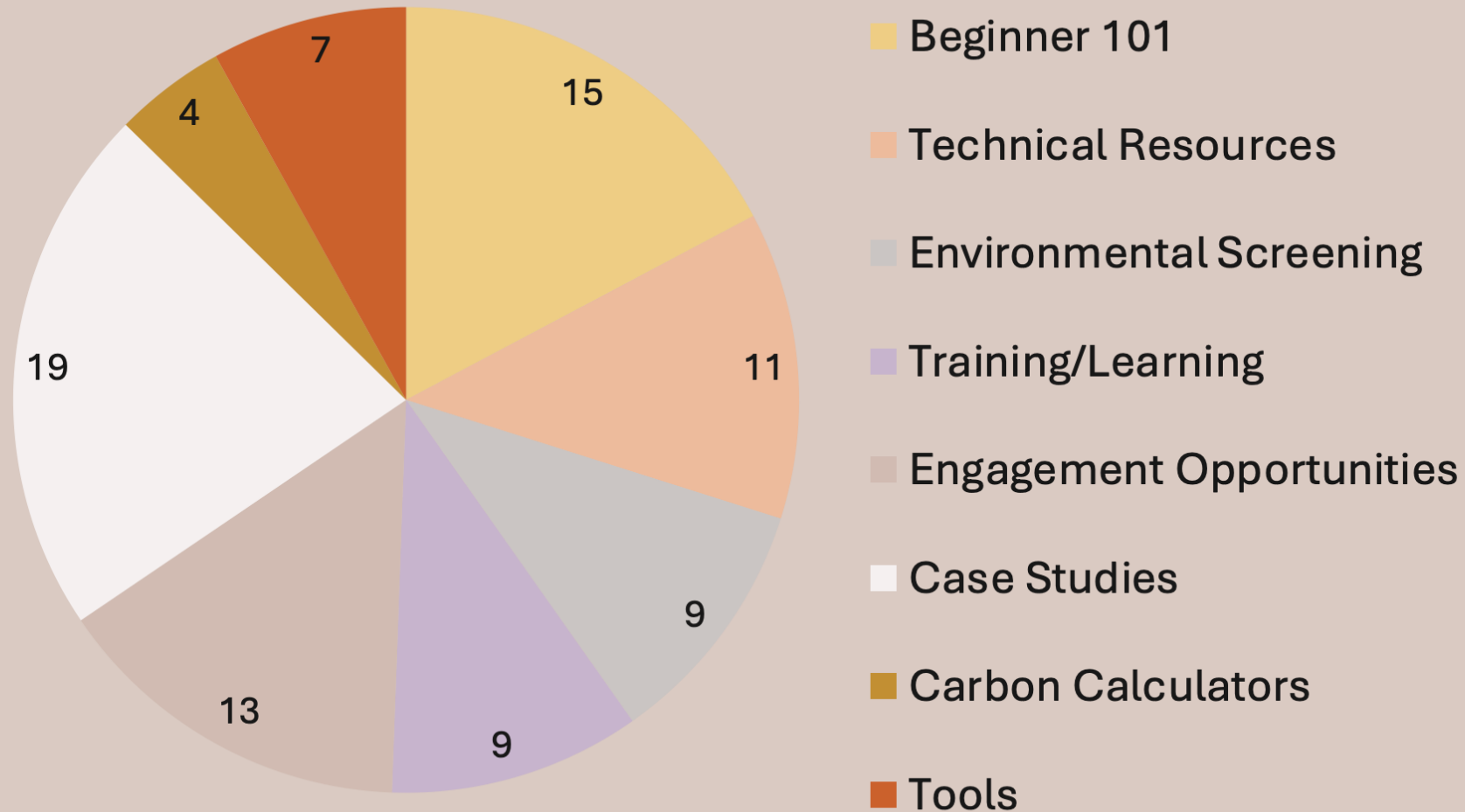- Cluster-level Guidance

Roll Out Plan
- Guidance Page released every two months
- Accompanied by a webinar
- Shared via the Charter newsletter

On-going access to resources through secretariat referral hub

Environmentally Sustainable Humanitarian Action

Legend:
- Beginner 101 — 15
- Technical Resources — 11
- Environmental Screening — 9
- Training/Learning — 9
- Engagement Opportunities — 13
- Case Studies — 19
- Carbon Calculators — 4
- Tools — 7

Languages:
English - 87
French - 32
Spanish - 19
Arabic - 4

Example 1: Getting Started
IFRC Green Response

Getting Started

Introductory resources and foundational frameworks for integrating environmental considerations into humanitarian work.

IFRC Green Response: Environmental Quick Guide, Green Logistics Guide, and **Environmental Policy Toolkit:**

- **The Green Logistics Guide** provides advice and practical tips on how to improve the environmental sustainability of National Societies' and the IFRC's logistics and supply functions. The guide covers a range of subjects, all aimed at reducing carbon emissions, reducing waste, or reducing our environmental footprint in other ways. There are examples from across the International Red Cross and Red Crescent Movement, and references to find further guidance (English, French, Spanish, and Arabic)

- **The Green Response: Environmental Quick Guide** explains the concepts of green response and provides practical advice on how National Societies and partners can improve the environmental sustainability of their work and of their organizations as a whole. It includes examples of how different National Societies have 'greened' their operations to provide ideas and inspiration for others looking to improve their environmental impact (English, Spanish, French, and Arabic).

- **Environmental Policy Toolkit:** This toolkit was designed to help organisations (like Red Cross Cred Crescent National societies) to develop their own Environmental Policy. It includes a model policy template, and detailed guidance notes to help decide on the level and detail of environmental commitments your organisation wants to make. (English, French, Spanish, Arabic)

Languages: English, Spanish, French, and Arabic
Access: Free

GREEN RESPONSE:
**ENVIRONMENTAL
QUICK GUIDE**

Example 2: Toolkits
Climate Action Accelerator Tookits

Toolkits for adapting programs, policies, and operations

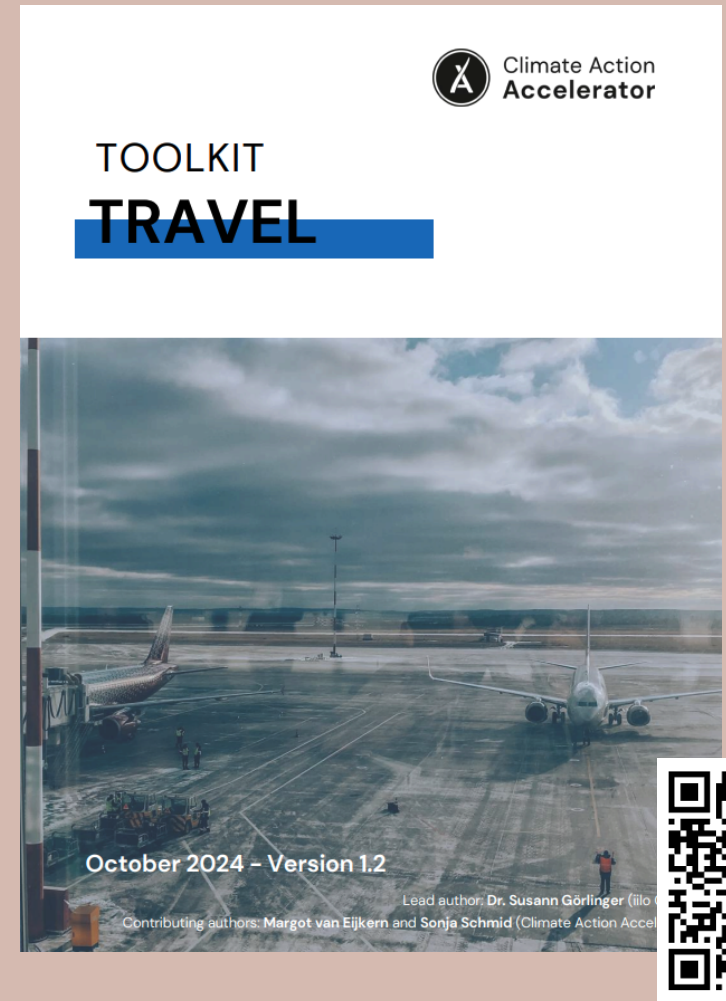Practical tools and templates to support environmental action in programming and organizational strategy

Climate Action Accelerator Toolkits

The purpose of the Climate Action Accelerator toolkits is to equip organisations with a set of resources and strategies to adapt ways of working, policies and procedures in key operational areas to reduce their climate and environmental footprint. The toolkits are designed to provide environmental coordinators and decision-makers with hands-on advice, often in the form of a step-by-step process, along with a suite of practical tools to support the implementation of climate and environmental roadmaps.

- **Procurement Toolkit**: provides a step-by-step guide for adapting procurement processes with a view to reducing the climate and environmental impact of goods and services and guidance on procurement criteria across different categories.

- **Fleet Toolkit**: combines existing resources from the Fleet Forum with newly developed tools to support organisations in taking stock of their existing fleet and fleet-related emissions, as well as to reduce the climate and environmental impact of their fleet.

- **Travel Toolkit**: guides users through a step-by-step process on the journey to reduce professional travel, notably air travel.

- **Good Office Practices**: offers a a step-by-step process on how to implement good office practices and a list of solutions related to environmental office practices.

- **Solarisation Toolkit**: provides a step-by-step guide to solarising buildings with a particular focus on two types of settings: International humanitarian field projects and health structures in low- and middle-income countries.

Languages: English and French
Access: Free

Climate Action Accelerator

TOOLKIT
TRAVEL

October 2024 – Version 1.2

Lead author: **Dr. Susann Görlinger** (iilo
Contributing authors: **Margot van Eijkern** and **Sonja Schmid** (Climate Action Accel

Example 3: Learning Opportunities Webinar: Mitigating the Environmental Impacts of CVA

Training, Webinars, and Courses

Opportunities for learning and training on environmental sustainability

CALP Network: CVA, Climate & Environment Community of Practice: A greener response?

This webinar focused on mitigation of the impacts of cash and voucher assistance on the climate and environment. It featured different perspectives on greening humanitarian action and measuring the environmental footprint of CVA, including research analysing the carbon footprint of MEBs.

Language: English
Access: Free

CVA, Climate & Environment CoP

A greener response? Mitigating the environmental impacts of CVA - January 2024

CALP NETWORK
CHOICE & DIGNITY FOR PEOPLE IN CRISIS
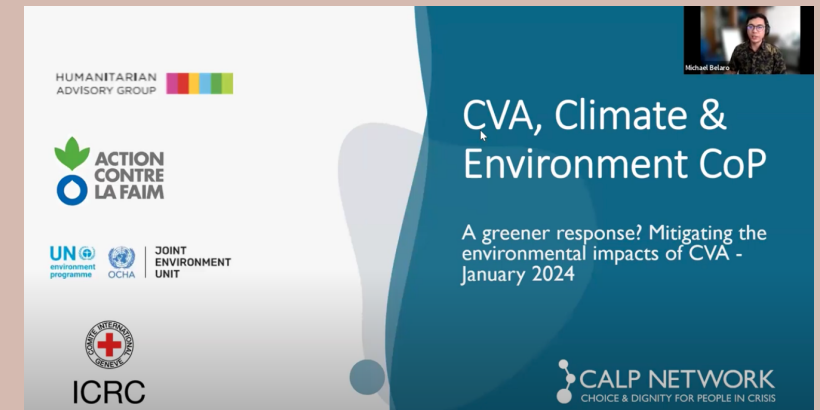
Example 4: Engagement Opportunities WREC Coalition Coordination Groups

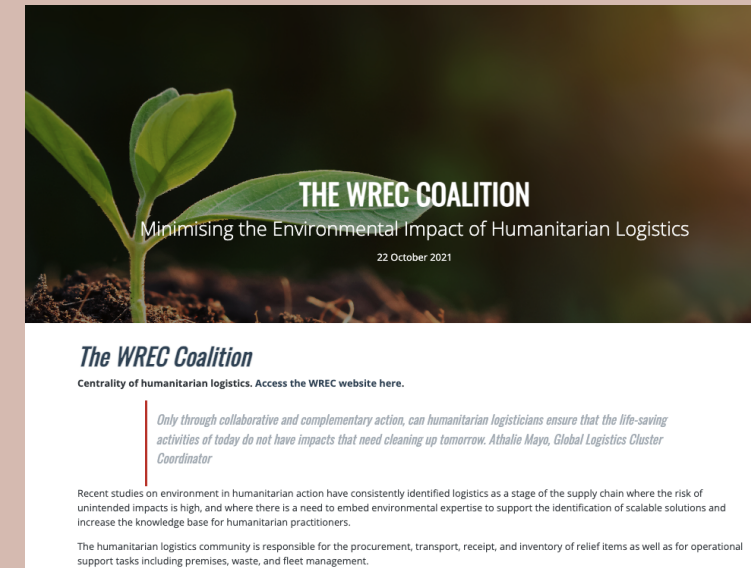## Engagement Opportunities and Partner Newsletters

Working groups, networks, communities of practice, and knowledge sharing

WREC Coalition Coordination Groups

The WREC coalition is multi-stakeholder initiative led by the Logistics Cluster to support partners with operationalizing sustainability across humanitarian logistics. The WREC's work spans from field-level technical support to global coordination, providing real-time, operational sustainability solutions where they are needed most. The WREC coalition hosts several coordination groups on thematic issues related to sustainable supply chains, including:

- Decarbonisation Coordination Group

- Green Procurement Coordination Group

- Reverse Logistics Coordination Group

- Circular Economy Coordination Group

- Waste Management Coordination Group

Access: Anyone who is working in the humanitarian sector and is interested in joining the coordination groups is welcome. Join the various coordination groups by emailing the WREC Coalition Helpdesk (global.wrec@wfp.org)

THE WREC COALITION
Minimising the Environmental Impact of Humanitarian Logistics
22 October 2021

The WREC Coalition

Centrality of humanitarian logistics. Access the WREC website here.

Only through collaborative and complementary action, can humanitarian logisticians ensure that the life-saving activities of today do not have impacts that need cleaning up tomorrow. Athalie Mayo, Global Logistics Cluster Coordinator

Recent studies on environment in humanitarian action have consistently identified logistics as a stage of the supply chain where the risk of unintended impacts is high, and where there is a need to embed environmental expertise to support the identification of scalable solutions and increase the knowledge base for humanitarian practitioners.

The humanitarian logistics community is responsible for the procurement, transport, receipt, and inventory of relief items as well as for operational support tasks including premises, waste, and fleet management.

Example 5: Carbon Calculators HCC+

Carbon Calculators

Tools to measure and manage greenhouse gas emissions in humanitarian contexts

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Humanitarian Carbon Calculator (HCC)

The HCC, developed through an interargency effort, allows organizations to assess the direct and indirect greenhouse gas emissions associated with their activities. This in turn makes it possible to set reduction targets and to build emission reduction plans. The Humanitarian Carbon Calculator can also be used to monitor the evolution of an organization's emissions over time, thereby assessing the effectiveness of efforts to reduce emissions. Read the **Methodological guide** to help you get started or see the HCC website for video tutorials and more information.

Languages: English, Spanish, and French
Access: Free

And so many case studies...

Case Studies: Sustainable Supply Chains and Waste Management

Case Studies: Decarbonization and Clean Energy

Case Studies: Environmental Policies and Operations

Case Studies: Sustainable Supply Chains and Waste Management

Real-world examples of environmental good practice across supply chains

STREAMLINED LIFE CYCLE
ASSESSMENT
OF THE WORLD FOOD PROGRAMME
FOOD PACKAGING

INTERNATIONAL RESCUE COMMITTEE

IRC LEBANON PROCUREMENT ENVIRONMNETAL INITIATIVES – CASE STUDY

August 2024

Good Practices
on Environmental Sustainability in the United Nations System
2024

The UN System's Environmental Footprint and Efforts to Reduce It
GREENING THE BLUE

JOINT INITIATIVE FOR SUSTAINABLE HUMANITARIAN ASSISTANCE PACKAGING WASTE MANAGEMENT

MANAGING PACKAGING WASTE SUSTAINABLY – LESSONS FROM HUMANITARIAN ORGANIZATIONS

COMPENDIUM | MARCH 2024

DRC DANISH REFUGEE COUNCIL

Greening DRC
A CATALOGUE OF SELECTED GREEN INITIATIVES IN THE DANISH REFUGEE COUNCIL

Red Goes Green
Barriers and enablers for effectively greening practices and strengthening environmental sustainability across the International Red Cross Red Crescent Movement

Q&A

Unpacking the Priority Actions

Overview of Priority Actions
- Ms. Fiona Cook, **Donor Greening Group (DGG) Facilitation Team**

Case Studies, Tools and Guidance:

Priority Action 2:
- **Ms. Katherine Ely**, Project Manager, **WREC Coalition**
- **Mr. Arifur Rahman**, Manager, Logistics and Procurement, **IFRC Bangladesh Delegation**

Priority Action 3:
- **Ms. Samantha Brangeon**, **DGG Facilitation Team**
- **Ms. Rose van Steijn**, Development Director, **Fleet Forum**

Priority Action 10:
- **Ms. Natasha Westheimer**, **Charter Secretariat**
- **Ms. Madhumitha Madhavan**, Regional Technical Coordinator – Climate & Environment, **ACTED**

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Environment
Charter

Overview of the 10 Priority Actions (1-5)

1. Conduct environmental assessments of planned interventions and integrate mitigation measures.

1. Prioritise products and services with a proven lower climate and environmental footprint.

1. Implement measures to significantly minimise GHG emissions from travel and transport.

1. Incorporate environmentally sustainable waste management.

1. Phase out single-use plastics except where this would compromise the delivery of humanitarian assistance.

Overview of the 10 Priority Actions (6-10)

6. Avoid overexploitation and pollution of water resources and support proper wastewater management.

7. Avoid water trucking except as a last resort. If used, include a strategy to phase it out.

8. Phase out the use of fossil fuel generators where possible, reduce energy consumption and transition to renewable energy.

9. Facilitate access to sustainable and clean cooking solutions and services.

10. Support access to sustainably produced food, preferably locally produced.

Donor Endorsement of the Priority Actions

Full list of Priority Actions & explanation on ECHO's webpage

Scan me!

Donor endorsement to date

European Commission (DG ECHO); France (CDCS); Germany (GFFO); Spain (AECID); Switzerland (SDC).

Priority Action 2:
Prioritise products and services
with a proven lower
climate and environmental footprint

ENVIRONMENTAL SUSTAINABILITY IN HUMANITARIAN LOGISTICS

Enabling humanitarian logistics partners to reduce their impact on the environment

WREC Coalition

Linking People & Planet: Supporting Supply Chain Practitioners with Impact Reduction

Coalition Vision

By 2030, the humanitarian supply chain community will be aware of the sector's environmental impact & are empowered to independently implement a coordinated, scalable, & sustainable approach to measure & reduce that impact.

01

Focus on greenhouse gas emissions & waste: **Do No Harm**

02

Increase knowledge and awareness in the community: **Enable**

03

Support practitioners with impact reduction solutions: **Expertise**

The Impact of Supply Chain

The humanitarian sector is responsible for ca. **35.3 MtCO2e** (Mega tons of carbon dioxide equivalent).

This is more than the **UK's National Health Service (NHS)** and similar to a **large city.**

For most humanitarian organisations:

Well over **80% comes from their supply chain** (purchased goods and services, freight, storage, distribution, etc.).

40 – 60%, from **purchased goods and services** alone

Energy remains important: The sector spends **over US$100 million/year on over 15,000 diesel generators**, resulting in just 6 major humanitarian agencies jointly emitting ca 194,000 tCO2.

Sources:
- Climate Action Accelerator Roadmap for halving emissions in the humanitarian sector by 2030
- Global Platform for Action HNPW session & workshops

International vs. Local Procurement

Is local always more sustainable?

- **It can be, if production is local and sustainably done**
- **But difficult to determine without in depth analysis**
- **Local alone doesn't automatically make it sustainable**

Smaller local suppliers may have willingness, but not capacity	International suppliers potentially have more pressure & resources
Market assessments to understand landscape	Public procurement rules

The supplier matters

Action Makes a Difference

Capacity Strengthening

For suppliers & humanitarian teams

Goes beyond procurement teams

Market Assessments are the first step

Supplier engagement

Selecting Products & Services

Costs matter, so does quality (Total cost of ownership; RoI)

Selection of suppliers with environmental plans

Weighting criteria for sustainable practices or products

THANK YOU!

Global.WREC@wfp.org

Global Logistics Cluster

BANGLADESH PILOT

GREEN PROCUREMENT MARKET ASSESSMENT

WREC
IFRC BANGLADESH
BDRCS

26 June 2025

Green procurement market assessment process

1 **Data Gathering**
Spend data
Procurement processes
Tendering criteria
Stakeholder mapping

2 weeks

2 **Analysis**
Prioritization based on highest expenditure
Assess market dynamics & ways of working

2 weeks

3 **Fieldwork**
Supplier visits
Internal review with partners & procurement teams

10 days

5 **Recommendation**
List of recommended actions to implement environmental sustainability solutions

2 weeks

4 **Mapping & Gap analysis**
Market baseline
Gap analysis

2 weeks

WREC
Environmental Sustainability in Humanitarian Supply Chain

IFRC

BANGLADESH RED CRESCENT SOCIETY
BDRCS

LOGISTICS CLUSTER

Low Supplier Awareness on Sustainability–
Most suppliers lack environmental policies and understanding of green practices.

Widespread Use of Non-Recyclable Materials–
Single-use plastics, melamine items, and laminated packaging are common.

High Use of Non-Recyclable Materials-
Melamine products, plastic-lined jute bags, laminated boxes widely used.

Hazardous Medical Waste Concerns
Plastic from test kits may be recyclable but classified as hazardous.

Environmental Impact of Bamboo
Untreated wastewater and unmanaged transport emissions.

WREC
Environmental Sustainability
in Humanitarian Supply Chain

IFRC

BANGLADESH RED CRESCENT SOCIETY
BDRCS

Key recommendations

Raise awareness & develop knowledge

Internal training to be mandatory

Encourage suppliers to attend training

Policies & SOP's

Incorporate environmental needs in procurement processes

Implement a supplier sustainability policy

Include environmental sustainability tendering criteria

Decarbonization plans & targets

Gain management buy-in

Set organizational targets

Establish action plans with suppliers

Key recommendations

Advocacy & Collaboration

Cross-sector collaboration to standardize environmental requirements

Collaborate with suppliers to identify solutions

Optimization

Improve coordination between program and logistics teams

Identify optimization opportunities with suppliers

Waste Management

Reduce and eliminate unnecessary materials & packaging

Suppliers to review and improve their waste management practices

Initiative Implemented

Institutionalized Sustainable Procurement

Procurement Awareness Training

Supplier Engagement

Minimal Plastic Mandate

Mandatory Eco-Regulations for Construction Tenders

Paperless Digital Transition

Planned Initiatives

Eco-Friendly Fleet

Eco-Friendly Warehousing

Sustainable PProcurement & Sourcing

Item Catalogue

Raise Awareness in all level

Challenges

Limited Awareness

Lack of Resource across the sector

Lack of coordination

Short Term Cost Focus

Budget Constraint

THANK YOU!

WE'RE EXCITED ABOUT WHAT THE FUTURE HOLDS, TOGETHER!

January 2024

Priority Action 3. Implement measures to significantly minimise GHG from travel and transport.

- **Travel and transport are essential** to delivering humanitarian aid, but further efforts required to reduce our footprint.

- **Reducing air travel**
  - **A low-hanging fruit**, given that organisations and donor agencies have direct control over their travel policies and associated emissions.
  - Co-benefits in terms of **reducing costs** : for example, promoting online participation, limiting international air travel to essential trips and reducing the use of business and first-class flight)
  - Co-benefits in terms of **promoting the localisation agenda** : for example, increasing the use of local and regional expertise and staff

Priority Action 3. Implement measures to significantly minimise GHG from travel and transport.

- Interesting practices from the sector with regards **to joint cargo transport** and **switching from air to sea freight,** and **pre-positioning** to reduce need for air transport of goods when emergency hits

- **Efforts to rightsize fleet** (the right vehicle for the right journey) and **pool fleet** have also proven successful

Greening Humanitarian Assistance

Implement measures to significantly minimise greenhouse gas emissions from travel and transport.

Rose van Steijn – Development Director
June 27th, 2025

Who is Fleet Forum?

Sustainable Transport for a Better World

- Swiss, not-for-profit membership association

- Inspiring better, cleaner, safer and more effective transport around the world

- We are enablers

- We bring together key players in the aid and development and commercial transport sectors.

- We facilitate knowledge and experience sharing

- We develop programmes to realise better fleet and mobility management

1848
Nr of engaged staff

Knowledge Platform Users

Annual Conference Attendees

Fleet Management Training

Webinar Participants

Fleet Management Training
158
Nr of Staff Attending

Annual Conference 2024
1055
Attendees

Knowledge Platform
1725
Total users

Knowledge Platform
404
Active users 2024

Webinar
699
Participants

Fleet Forum

The Commitments
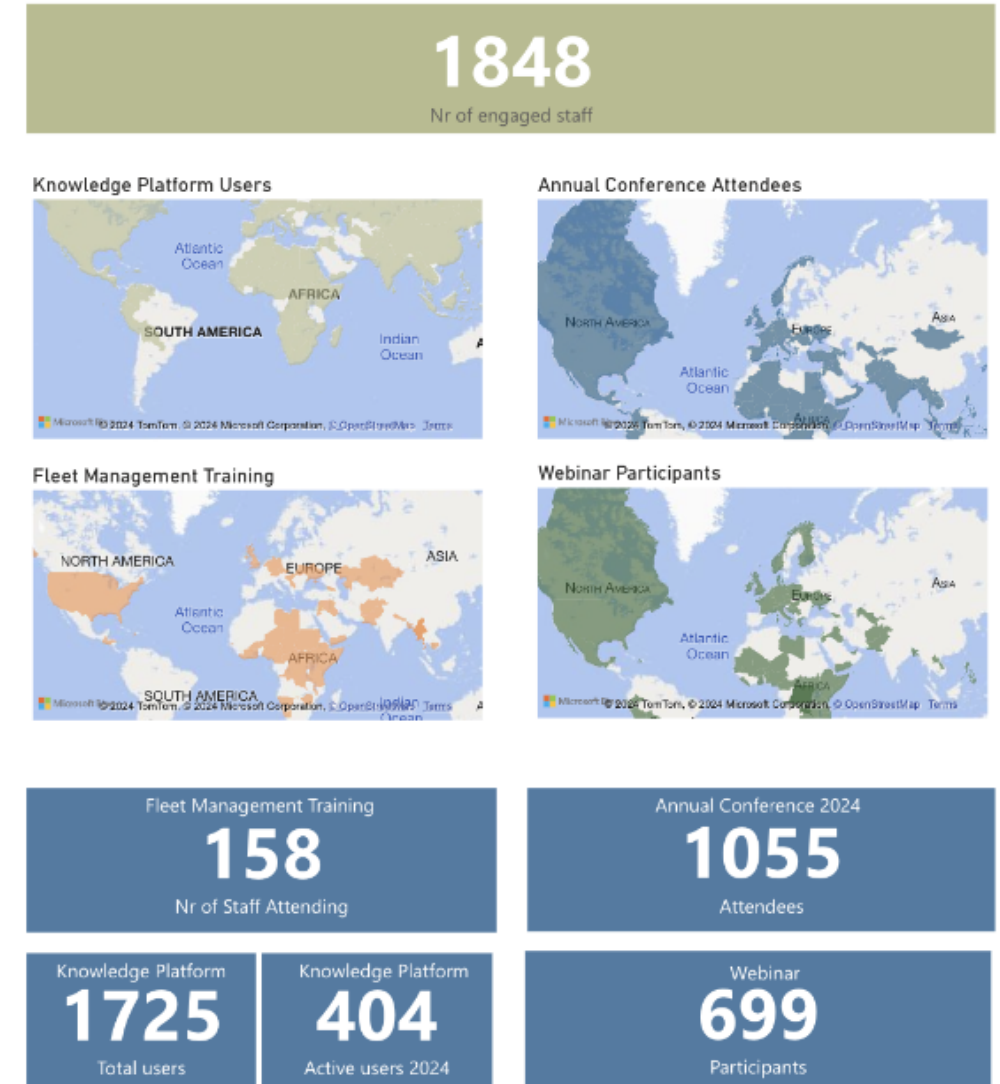
Baseline and targets

Set a baseline and set targets for the largest fleets in our organisation, representing at least 50% of your global fleet, by end of Q3 2024

Leading indicators / objectives

• Within 5 years 25% of vehicles of our organisation are Euro3 or higher;

• Within 3 years our organisation participates in vehicle sharing initiatives in at least 20% of the operating countries.

ESAT: Assess and improve environmental fleet and transport performance at any level

Meets: Priority Action 1: Conduct environmental assessments of planned interventions and integrate mitigation measures.

Why?

- To support organisations in meeting DG ECHOs MERR
- To assess organisation's approach to transport and fleet management from an environmental sustainability perspective

https://www.fleetforum.org/esat

Performance per Category

Avg. Overall Score

48%

My organisation's performance per category in comparison with other organisations

60
50
40
30
20
10
0

MM   PP   WM   PM

| 55% Management & Monitoring | 42% Planning & Procurement | 38% Waste & Maintenance | 44% People Management |

hulo

Co-funded by the European Union

CENTRE DE CRISE ET DE SOUTIEN
Ministère de l'Europe et des Affaires étrangères

Vehicle & Ridesharing between (I)NGOs: An effective way to reduce emissions *and* costs

Why?
- Sharing of transport assets reduces emissions, costs and road safety risks

Where?
- Lebanon, Nigeria, CAR, Syria

How?
- By joining, learning, failing, adapting and learning again.
- And download our toolkit

Who?
- Organisations who show leadership and make key policies decision all down/up the management line to ensure 'organisations make it happen

Meets: Priority Action 3: Implement measures to significantly minimise greenhouse gas emissions from travel and transport

SHARE THE RIDE
to improve Lebanon's environmental status

Routes:
Beirut → Zahle (→ Baalbeck) → Beirut
Beirut → Tripoli (→ Akkar) → Beirut
Beirut → Tyre (→ Nabatieh) → Beirut

Meeting Points:
Beirut → Sodeco Square
Zahle → Homecuisine.lb
Tripoli → Mashroo3 ahwe

Parking available at all meeting points

Departure: 8.00 AM
Return: 3.00 PM

Click to view the video

It makes me feel less guilty to do so many movements per week

Sophia Maamari

Benefits:
Air quality improvement (less tailpipe emissions)
Environmental footprint reduction
Collaboration between departments / agencies
Operational costs reduction

Safety & Security:
MoU and SOP signed between participating agencies
Contracted / trained drivers
Full coverage insurance
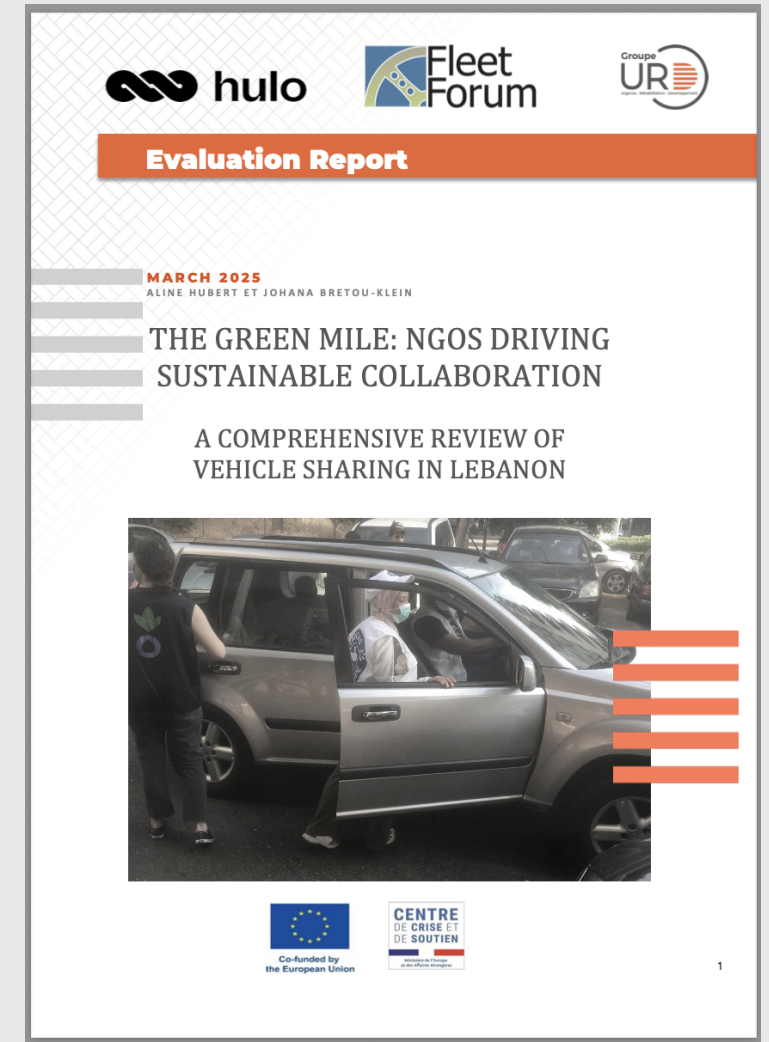Movement tracking / speed limit

Our Donors:

How to join?
1. Start planning your days at destination according to departure times
2. Ask explicitly your fleet manager to allocate your movements to ride-sharing
3. Don't be late, the vehicles leave on time | Bring your organisation's ID card

Current Participants:

Co-funded by the European Union

CENTRE DE CRISE ET DE SOUTIEN
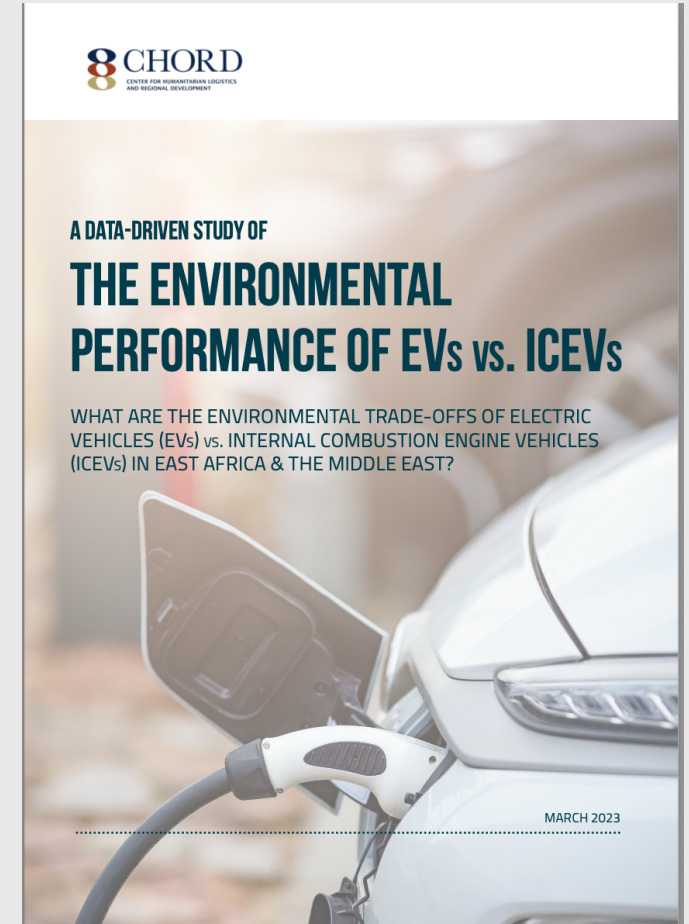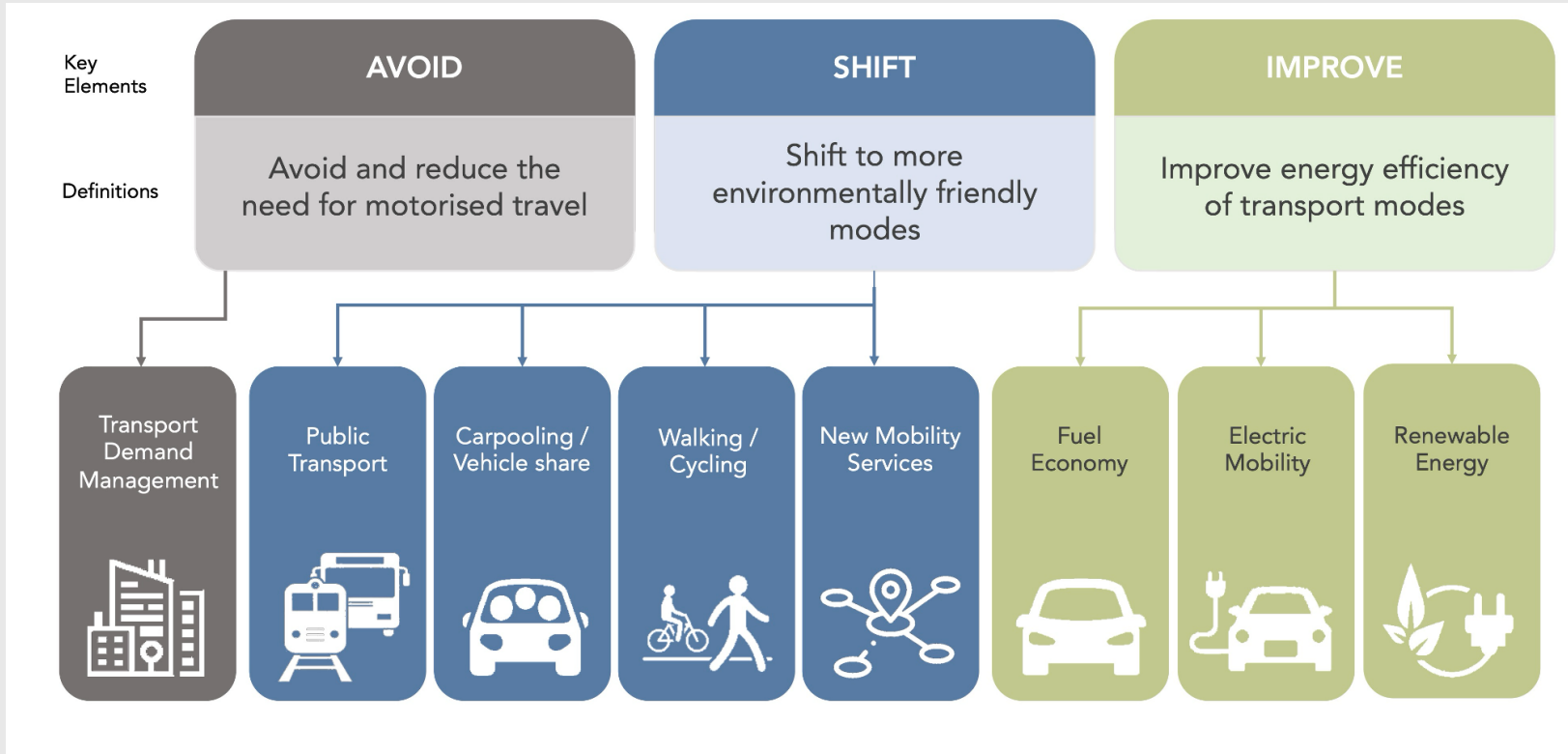Ministère de l'Europe et des Affaires étrangères

In Lebanon we learned a valuable lesson: Vehicle sharing requires a systemic change

- Transform the commitment to ecological transition into practical action;

- Support positive societal change by embedding it into organisational models and the way the humanitarian community operates;

- Lead by example to challenge the idea of individual mobility as the norm and encourage positive shifts in social behaviour;

- Move past the fear of administrative risks by embracing shared resources and trusting in the power of collective action

Download the full report

Evaluation Report

MARCH 2025
ALINE HUBERT ET JOHANA BRETOU-KLEIN

THE GREEN MILE: NGOS DRIVING SUSTAINABLE COLLABORATION

A COMPREHENSIVE REVIEW OF VEHICLE SHARING IN LEBANON

EVs are not THE solution to reducing your travel and transport emissions, A-S-I is!

Key Elements

AVOID	SHIFT	IMPROVE
Avoid and reduce the need for motorised travel	Shift to more environmentally friendly modes	Improve energy efficiency of transport modes

Definitions

Transport Demand Management • Public Transport • Carpooling / Vehicle share • Walking / Cycling • New Mobility Services • Fuel Economy • Electric Mobility • Renewable Energy

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CHORD
CENTER FOR HUMANITARIAN LOGISTICS AND REGIONAL DEVELOPMENT

A DATA-DRIVEN STUDY OF

THE ENVIRONMENTAL PERFORMANCE OF EVs vs. ICEVs

WHAT ARE THE ENVIRONMENTAL TRADE-OFFS OF ELECTRIC VEHICLES (EVs) vs. INTERNAL COMBUSTION ENGINE VEHICLES (ICEVs) IN EAST AFRICA & THE MIDDLE EAST?

MARCH 2023

Download here

How can the donor community support organisations to reduce emissions from travel?

- Encourage organisations to submit ESAT with their donor funding applications
- Fund 'vehicle and ride sharing between organisations' and make it a condition that individual fleet sizes reduce as an outcome of these projects
- Actively apply the A-S-I method when reviewing and evaluating project proposals
- Take away the excuse 'the donor won't allow it' by encouraging organisations to be able to change the status quo.

Remember: The cleanest kilometre is the kilometre not driven

THANK YOU!

Priority Action 10: Support access to sustainably produced food, preferably locally produced.

- **Key figures**
  - Food security and agricultural projects and programmes represent approx. **50% of the sector's emissions**
  - LCAs show majority of emissions come from **production phase** (raw material extraction and manufacturing) **rather than transport.** These are energy-intensive processes, particularly for items like shelter materials (steel, plastic, cement), medical supplies, and packaged goods.

- Food distribution & supporting sustainable food production are **2 sides of the same coin.**

- Links with Priority Action 2 : We need to procure **low carbon/certified food produce** (e.g. RSPO Palm Oil, Sustainable Rice Platform) noting that sustainable alternatives are not available for all products

- Quick win: better planning, improvement of packaging, storage/warehouse conditions **to avoid food wastage**

- **Synergies with food security projects**; supporting local farmers and producers to improve their agriculture practices

2024 Carbon Footprint Results

acted

Acted's Carbon Footprint largely driven by humanitarian assistance (in-kind, voucher, cash)

Top 10 Most Emissive Humanitarian Purchases
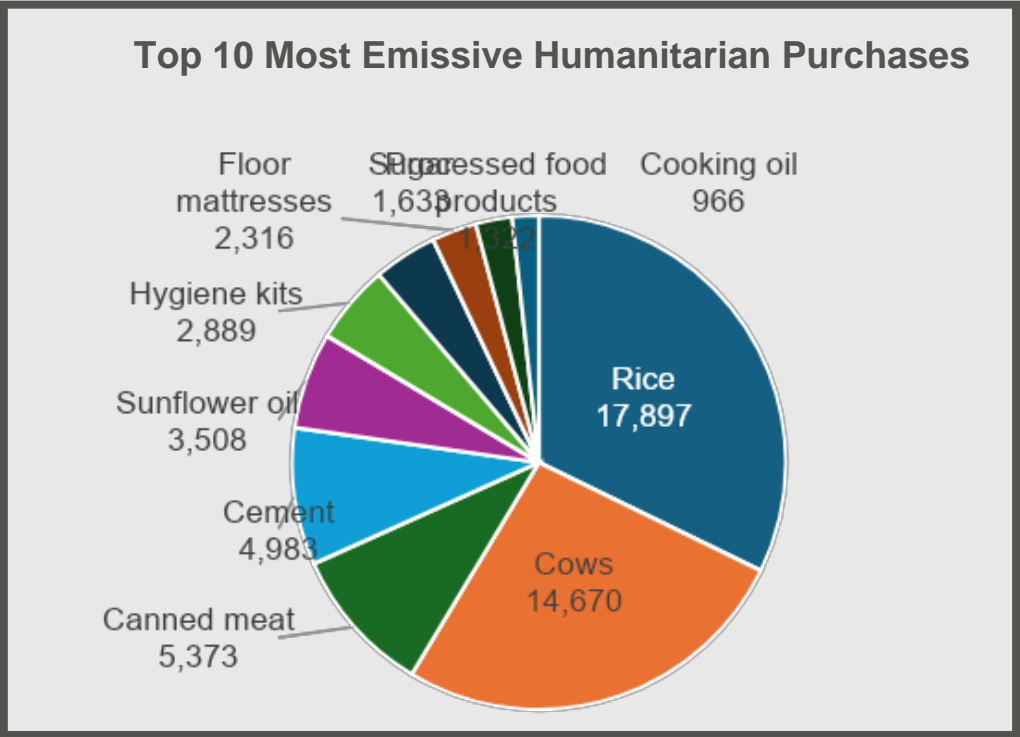
Categories	2024
Purchased goods and services	75,197
Energy	9,333
Travels	5,416

Top 10 Most Emissive Countries	Tons of CO2 equivalent	Purchase drivers
Syria	27,504	Rice, canned meat, sugar...
Niger	15,632	Livestock
DRC	14,017	Rice
Afghanistan	11,884	Cement
Ukraine	5,134	Hygiene kits, construction, bottled water
Myanmar	2,646	Floor mattresses
Somalia	2,416	Processed food, hygiene kits
Burkina Faso	2,079	Mineral, polyester, metals
South Sudan	2,020	Hygiene kits
Yemen	1,744	Floor mattresses, construction, hygiene kits

acted

20,300.89 tCO2

Emissions from food vouchers and cash

Rice, Canned Meat, Sunflower Oil, Sugar, Wheat, Lentils, Pasta, Beans, Canned Vegetables, Grains (cereals)

Key contents of Food Support

Massive CO_2 Emissions Impact Our Planet

27,000 tons of CO_2 is equivalent to significant emissions from everyday activities.

Flights

5,000 round-trip flights (Asia to France)

Cars

5,870 cars in one year

Trees

1.23 million trees to offset in a year

Household Energy Use

54,000 average African households (5 pax per household)

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Azolla as an alternative feed for chicken

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Organic fertilizer production through
Johnson Su bioreactors

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Transform agricultural businesses from diesel dependency to solar power

ZERO
EXCLUSION
CARBON
POVERTY

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Rainwater harvesting
to improve food security

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Fighting water scarcity through the modernization of irrigation systems from flood irrigation to drip irrigation

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Growing of alternative fodder for livestock (hydroponic barley) to cope with water scarcity, loss of grazing areas and high fodder prices

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Improved soil quality and decrease of chemical fertilizer use through the promotion of soil analysis and intercropping

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Decreasing energy-intensive vegetable imports through local greenhouse production in the winter months

Q&A

Closing remarks

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