



CLIMATE SMART MSF

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Welcome to the Newsletter

FRANCESC LOPEZ, CLIMATE SMART LEAD

2023 is off to a great start at Climate Smart. We have begun with a focus on reinforcing our existing convening of climate and health networks across MSF and continuing our collaboration approach with the different MSF entities while also reinforcing strategic links with internal and external actors.

Climate Smart convened its first in-person strategy meeting that took place in Brussels February 12-16th. All OCs Climate and Health focal points, together with Climate Smart project sponsors, and the contribution of external actors, Climate Action Accelerator (CAA), and ICRC worked with the Climate Smart Team to strategize on how to increase our capacities to meet our MSF pledge to reduce our CO₂e emissions by 50% by 2030.

When the Climate Smart project (phase III) was launched at the end of 2021, the MSF ecosystem around Climate Change themes was quite different. Today, the situation has changed and the topic is more present in different agendas across MSF. Good news, but the real work starts now!

During 2022 and especially during the second half of the year, OCs have been presenting their 2019 CO₂e baselines together with some Partner Sections. This has allowed visibility on the global MSF emissions, which can be roughly estimated at around 0,5Mt CO₂e. Therefore to meet the MSF Climate target, the challenge is to keep emissions under 0,25 Mt CO₂e. These figures will be confirmed and fine tuned throughout the year, thanks to work to be carried out by the Carbon Accounting committee recently appointed.

On another track of action, Climate Smart will continue supporting the Environmental Toolkit deployment with an orientation towards smaller MSF entities and field projects. It will help them to identify their reduction potential at their scale.

Faith Toran Communication and Fundraising
Coordinator, Climate Smart MSF

CLIMATE SMART UPDATE

In 2022 the TIC Climate Smart team was finally built with a group of passionate and professional people that will do their best to reach the above objectives and succeed supporting the MSF transition towards a more Climate friendly organization, and contributing to stay globally under the 1,5°C pre-industrial temperature average. We are currently in the final stage of recruitment for the Carbon Accountant position, which will complete the Climate Smart Team. Also, Kady Cowan former Project Lead of Climate Smart has moved on in her role, passing temporarily this role to Francesc López (aka Pancho), Project Manager of Climate Smart.

For, 2023 the Climate Smart main pillars of action include:

- Monitoring and Reporting
- Mitigation Improvement
- Capacity Building

Climate Smart will also be communicating more frequently and supporting the movement in achieving our climate target by making decarbonization resources available online. Our Energy Transition Advisor, William Gagnon, in collaboration with the Energy working group across MSF has created content on what we know about energy meters, which can be viewed on the Climate Smart [Energy Meters SharePoint page](#). Energy represents approximately a third of emissions at MSF— tackling those emissions is key into achieving our 2030 climate goal. Let's take a look at an example from OCBA's team in Juba, South Sudan.

Jez Goeldi, OCBA Energy HVAC & Fleet Management Officer

ENERGY MONITOR SAVES €15K PER YEAR IN SOUTH SUDAN

Annual Savings

€ 15,000 ☁ 32 tonnes of CO2 eq . ⌚ 1095 hours of quiet sleep

In May 2022 the team in Juba, South Sudan replaced their gel batteries in the guest house with BYD Lithium-Ion batteries. Included in the system is a Victron Color Controller GX (PELESOLACGX) allowing data collection and monitoring through the Victron Remote Monitoring (VRM) portal. The batteries are charged by an 88kVA generator during the day, allowing essential services to run during the night without the generator. The VRM allows both the team in Juba and the Log Tech Unit to remotely assess the performance of the system.

When originally set up in May, the generator was scheduled to run 15 hours per day to run large appliances (washing machines, air conditioners, etc) and charge the batteries. By monitoring the performance of the system over a few months, the Tech Unit identified that the batteries were never discharging below 50% and recommended a further reduction in the generator hours.

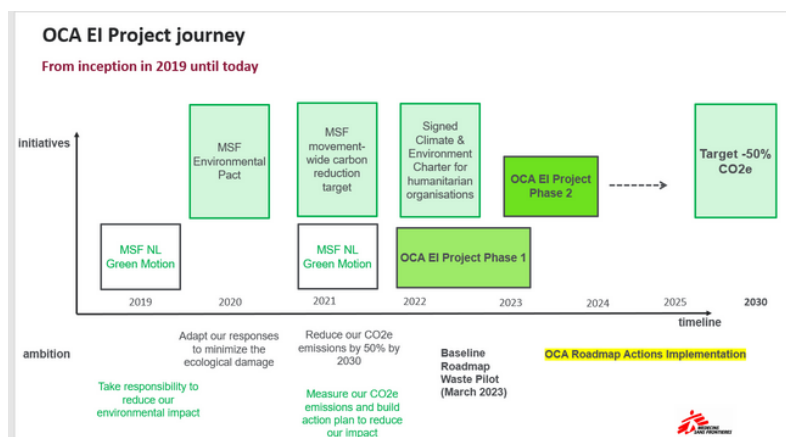
A new generator schedule was implemented in December 2022, reducing running hours to 10 hours per day (33% reduction).

This change is estimated to reduce diesel consumption by 9,600 litres (15,000 €) per year and save 32 tonnes of CO2 eq.

For more information please contact jez.goeldi@barcelona.msf.org

Roberta Borgognoni, Project
Manager Environmental
Impact, OCA

CLIMATE FINANCE AT OCA



Environmental Impact initiatives Fund OCA- what is it and why does it matter?

"I am a mother of three, therefore what is left behind on this planet interests me enormously. What world my children will be living in is a big driver for my interest and work in Climate Environment and Health. It goes beyond work, from the food you buy, to the transport you take, and the waste you produce, it all has an impact on the environment," explains Roberta Borgognoni, Project Manager Environmental Impact, OCA.

Aligned with the MSF Climate Target of reducing our carbon emissions by 50% by 2030, compared to 2019, OCA has created the Environmental Impact initiatives Fund in 2022 consisting of 0.5% approx. 1.7 million above and on top of its operational budget. This fund will be launched in March 2023 to finance the change and environmental reduction initiatives in OCA country programmes. This funding opportunity for OCA field mission projects and coordination teams will support the implementation of new projects, directly contributing to reduction or avoidance of carbon emissions in the areas of energy, supply chain, transport, and waste.

The OCA Environmental Impact project started in early 2022 under the OCA Project Management Office, with a key objective of enabling action. Being under the Project Management Office provided quality assurance for this transversal project at the coordination level. The Project Manager (PM), along with the Environmental Specialist coordinated the process of dialogue, identifying key stakeholders and leading discussions and consultations on decarbonization. Having representatives from key departments such as HR, Operations, Logistics and PHD also allowed for greater collaboration and decision making.

The Team was split into working groups and the work was broken down into building blocks. On one side the focus was on 2019 carbon measurement, on the other shedding light on existing environmental initiatives and creating a decarbonization roadmap. Attention was also given to boosting knowledge on this topic by releasing 2 series of footprint themed workshops open to all OCA staff to raise awareness.

"With the support of Climate Smart and through consultations with OCA Key Stakeholders, we created a first version of the OCA Roadmap with a list of proposed solutions per footprint area. Parallel to this we conducted carbon footprint themed workshops to raise awareness with both HQ and the Field."

"Regarding calculating the baseline, what kept me motivated was Climate Smart and the examples from the other OCs, the data was there so that gave me the drive. Also, our Finance department, having their support was key to the success of this initiative," explains Roberta.

For more information, please visit the OCA Environmental Impact Project [SharePoint](#), or contact Roberta.Borgognoni@amsterdam.msf.org

Anouk Esendam, Direct Category Buyer, Climate Smart -Corentine Berthet, Supply Chain Sustainability Coordinator, Francesca Lozza, Supply Chain Sustainability Analyst, Faith Toran, Communication and Fundraising Coordinator, Jane Ogugua, Deputy Intersectional Pharmacist, MSF Nigeria



SUSTAINABLE SUPPLY CHAIN AND CO2 SAVINGS, RUTF PROJECT, NIGERIA



"I didn't choose to be a pharmacist initially. I wanted to study geography and regional planning. My family and friends recommended to pursue a career in medicine or pharmacy. So, I studied pharmacy and along the way I discovered that pharmacy is a very critical profession, which, I do not think there is not one life that is not touched by the work that pharmacists do. I fell in love with the profession and providing access to quality medicines is what I love about the job," explains Jane Ogugua, Deputy Intersectional Pharmacist MSF Nigeria Mission

Jane started working with MSF in 2013 and in 2022, joined the Nigeria Mission as Deputy Pharmacist, where her involvement with the RUTF project consisted of auditing local therapeutic food manufacturers. **RUTF is ready-to-use therapeutic food. It's an energy dense, micronutrient paste made using peanuts, sugar, milk powder, oil, vitamins and minerals that has helped treat millions of children threatened by severe wasting – the most dangerous form of malnutrition.**

As highlighted in the MSPP Procurement Newsletter and the [OCB Supply Newsletter](#), the RUTF Project, an MSF intersectional project started in September 2020, due to the rising (unpredictable) demand in countries where MSF was seeing high peaks of malnutrition. This pushed some of the MSF OC's to look for more local procurement and stock manufacturers, to ensure a more rapid and sustainable response. One of the main objectives of this project was to investigate the sourcing potential of RUTF locally vs regionally vs internationally. **To become close to end users, with equal quality, lower total cost of ownership, shortened lead-times and lower carbon footprint.**

By switching for a large part its offshore Supply Chain to an onshore Supply Chain of RUTF, this resulted in **75% reduction of Co2e emission in freight in MSF supply chain!**

REGION/COUNTRY	REGIONAL	INTERNATIONAL	CO2 SAVING	
	TCO2	TCO2	TCO2	%
WEST AFRICA	141	853	-712	-83%
SUD SUDAN	24	25	-2	-6%
PAKISTAN	15	38	-23	-60%
ETHIOPIA	16	44	-29	-64%
DRC	77	117	-41	-35%
TOTAL	272	1078	-806	-75%

Carol Devine, HACE Project Lead

HACE, CLIMATE ADAPTATION UPDATE



Humanitarian Action on Climate and Environment (HACE) is an MSF Canada "Choice Initiative." HACE action has helped MSF better understand the climate crisis, environmental degradation and health linkages, commit to action, to adapt operations, do related awareness-raising and advocacy. HACE also champions mitigation, a related climate action in MSF.

Key HACE 2023 Projects

PROJECTS	DETAILS	RESULTS
Climate Adaptation – impacts & responses MSF operational research	With Heidelberg University, analysis of 48 interviews with colleagues in climate impacted projects/regions	Visual report and video to inform MSF adaptation action, awareness & advocacy
MSF Climate "Hub"	With MSF key stakeholders, create accessible-to-all Hub consolidating climate/health info/tools	Increased access to MSF-wide inform tools, public & internal part, knowledge sharing and transfer
Flood Prediction and Early Warning (EW) Approaches	With partnerships and via empirical research, develop and test EW tools and approaches	Improved early warning and early action, reduced health impacts, and internal capacity building

HACE is a collaborative and networked initiative supporting MSF in applying a climate crisis and environmental lens to its humanitarian work in practical, transversal, patient-centered and community-involved ways to respond better to and prevent climate health and humanitarian impacts. With knowledge exchange and tools, research and advising, it contributes to MSF's efforts to adapt to and do climate preparedness (C-prep) on climate, health and environmental risks.

Meteorological and Climate Advising (MACA): Advisor: Léo Tremblay -MACA, a key part of HACE, develops and shares tools and approaches to connect weather and climate services to health outcomes to better prepare MSF for and respond to increased humanitarian needs driven by climate change and environmental degradation. Advising includes meteorological reporting and resources on extreme weather and ad-hoc support requests. MACA is deepening collaborations and capacity building with MSF entities and external partners in 2023.

Climate Preparedness (C-prep) - In collaboration with MSF's GIS Center and with flood experts, HACE is developing a flood prediction approach for MSF with CAMINO/E-Desk for the Americas, and supporting adding early warning capabilities for extreme weather events (EWEs) and climate-sensitive infectious diseases (CSID), an approach for early warning of CSID based on epidemiological info available. This includes:

- 1) An empirical approach using historical information within humanitarian sources (Reliefweb, EM DAT, MSF IAR, etc.).
- 2) Climate-disease briefings based on scientific literature (finalized product, to test/improve in MSF contexts in 2023)
- 3) Disease modeling/anticipation system (Malaria Anticipation Project - MAP with OCA/Manson Unit - early warning piloted in Lankien, South Sudan, early action)

HACE is also contributing to CAMINO and the Sweden Innovation Unit's Adaptation framework project, amongst others collaborations with Climate Smart MSF and others.

For more information please contact carol.devine@toronto.msf.org and léo.tremblay@toronto.msf.org

RESOURCES

Events- Climate Smart In-person meeting, Brussels Feb. 2023



Job Opportunity - HACE

Climate Preparedness Support Specialist, apply [here](#) by March 3, 2023

Events

Basic and Advanced Energy Courses May and October 2023, apply [here](#)
Change Facilitation Workshop, May 2023 register [here](#)

News

Geneva Solutions: [Why this NGO is publishing its carbon emissions](#)

[Planetary and public health collide in Kiribati](#)

[Madagascar : la malnutrition comme conséquence des chocs climatiques](#)

[German government sued over failure to meet climate goals](#)

[MSF International Digest](#)

SharePoint & Sites

[Climate Smart MSF](#)

[MSF-Climate-Environment-Health](#) on Yammer

[Meteorological and Climatic Anticipation \(MACA\)](#)

[MSF Climate Emergency Site](#)

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