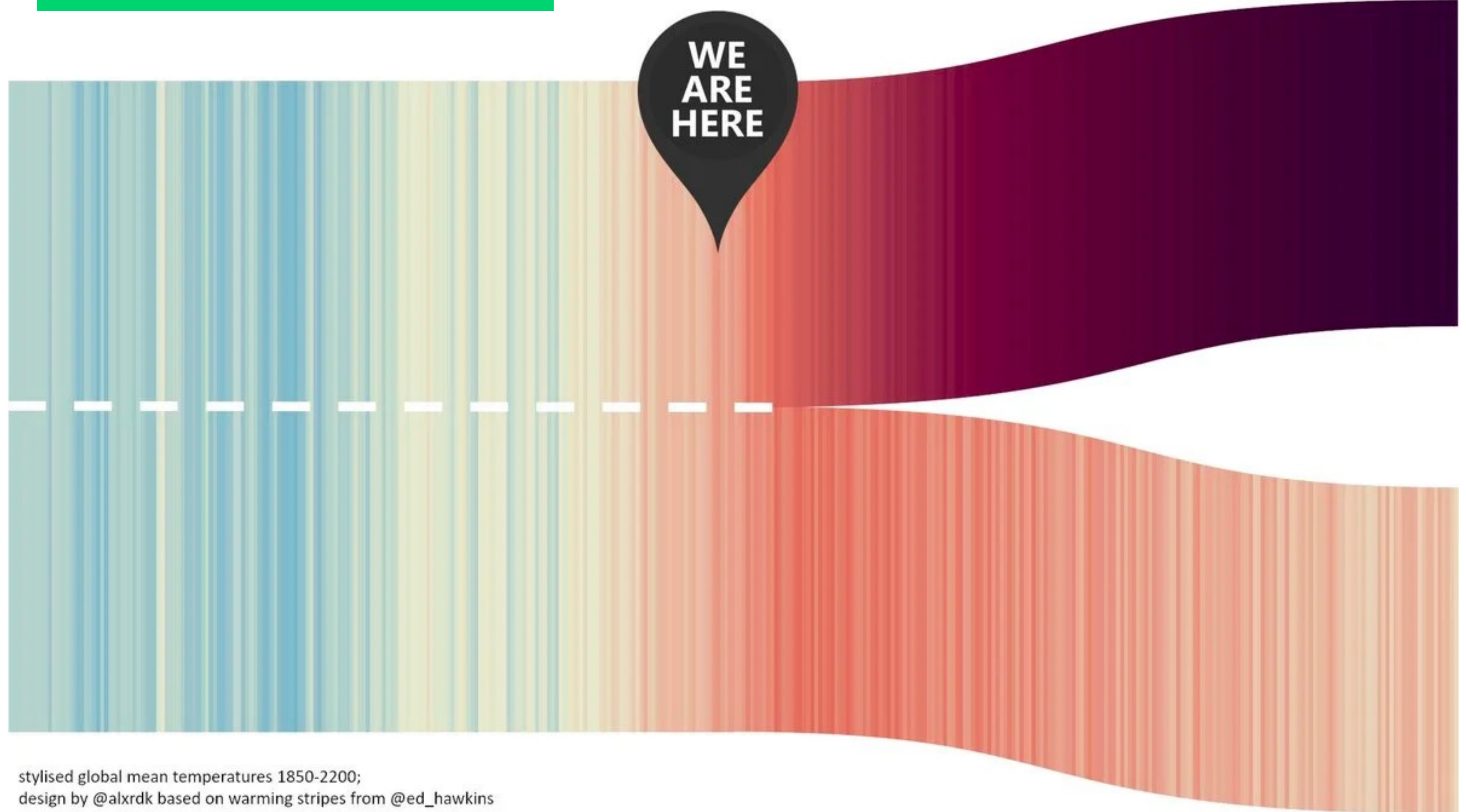




How to halve an aid organisation's carbon footprint by 2030? First key learnings for the humanitarian sector

Humanitarian Networks and Partnerships Weeks 2022, 6th May, Bruno Jochum

A stark reminder



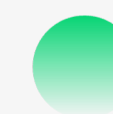


Who we are

The Climate Action Accelerator, a non-for-profit initiative, aims to mobilise a critical mass of community organisations in order to scale up climate solutions, contain global warming below 2°C and avoid the risk of dangerous runaway climate change.

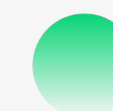
The aim is to help shift the aid, health and higher education sectors towards a radical transformation of their practices, pursuing emissions reduction targets (-50% by 2030) and a 'net zero' trajectory, in line with the Paris Agreement.

Our objectives



EMPOWER

Empower emblematic organisations to **at least halve their emissions by 2030**, through a network of experts and a “one-stop-shop” support service.



CHAMPION

Transform them into **champions of change within their networks**, able to influence their ecosystems.



COMMUNITY

Build a global community of action, sharing **climate solutions as a free universal good**, in order to scale up their implementation.

Our priority sectors



Aid

Ranked among the five most trusted sectors in society, and are often viewed as role models, acting with integrity. Their leadership on climate action is most likely to inspire emulation by others, and throughout society.



Health

Globally, the healthcare sector represents 5% of total emissions – the world's fifth-largest emitter if it were a country - of which 70% are attributable to supply chains.



Education & Research

Due to increases in international student mobility, energy and travel have emerged as a major source of GHGs, contributing more than the annual emissions of many countries.

Our partners

15 aid organisations have joined the Accelerator and committed to science-based reduction targets and benefit from operational support and an expert resource centre, increased public engagement and visibility, cross fertilisation of ideas and a chance to inspire a larger domino effect in society.



CICR



GCSP
Geneva Centre for
Security Policy



We are an official partner in the UNFCCC's 'Race to Zero', allowing us to link our operational work with the global climate agenda and integrating and integrating our partner organisations into the global race to a resilient net-zero future.



Our partners

Onboarding process and Methodology

International Committee of the Red Cross
(ICRC)

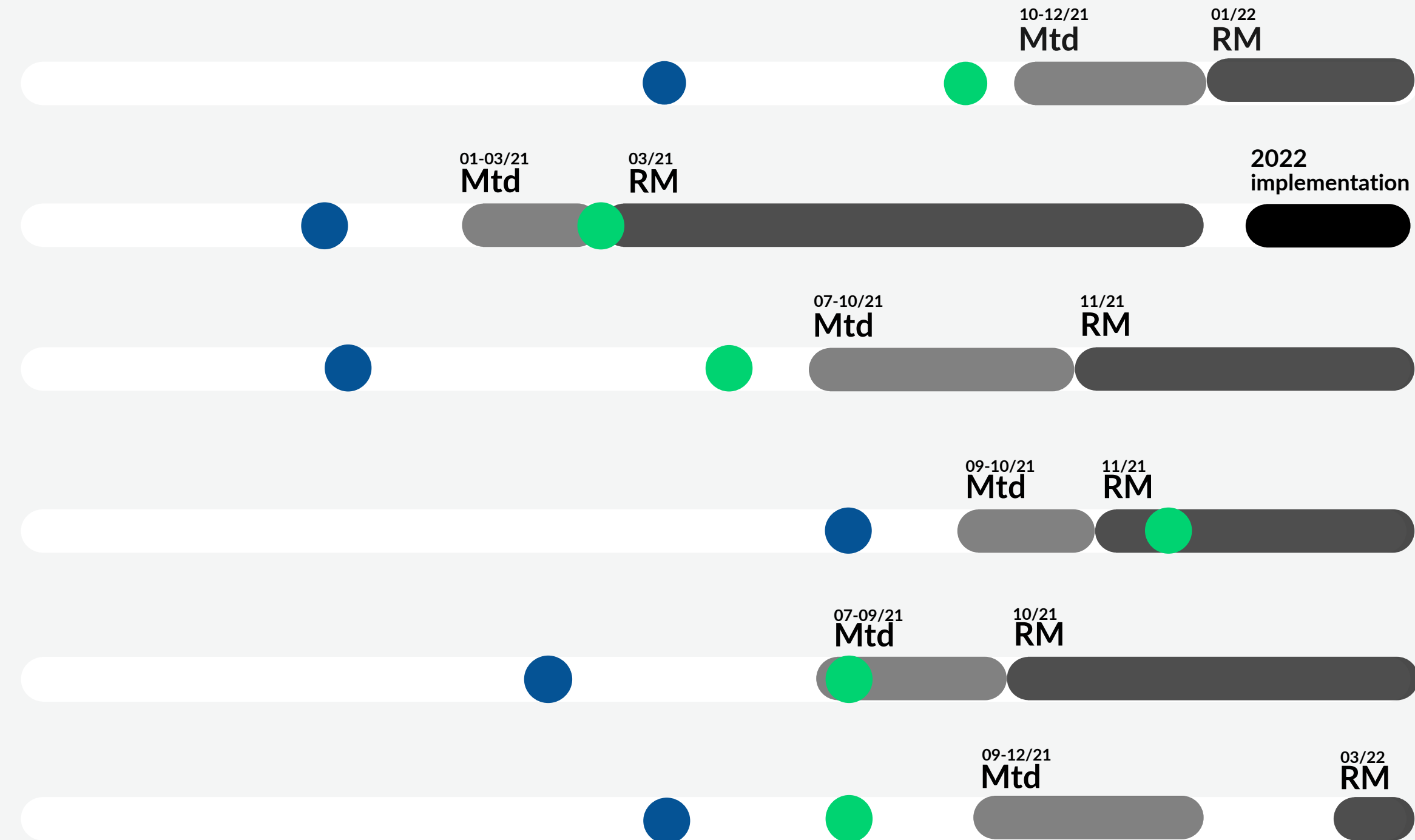
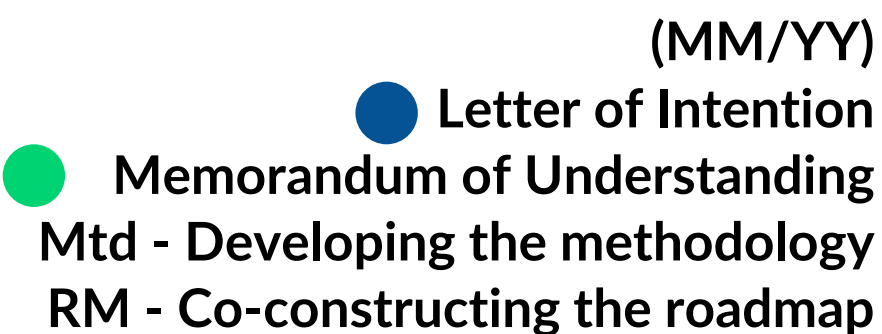
Alliance for International Medical Action
(ALIMA)

Médecins sans Frontières
Operation Centre of Geneva (OCG)

Médecins sans Frontières
Operation Centre of Paris (OCP)

Terre des Hommes Schweiz
Terre des Hommes Suisse

Terre des Hommes Foundation



Partner



Our partners

Onboarding process and Methodology

Geneva Centre for Security Sector
Governance (DCAF)

Nonviolent Peaceforce
(NP)

Epicentre

Geneva Centre for Security Policy
(GCSP)

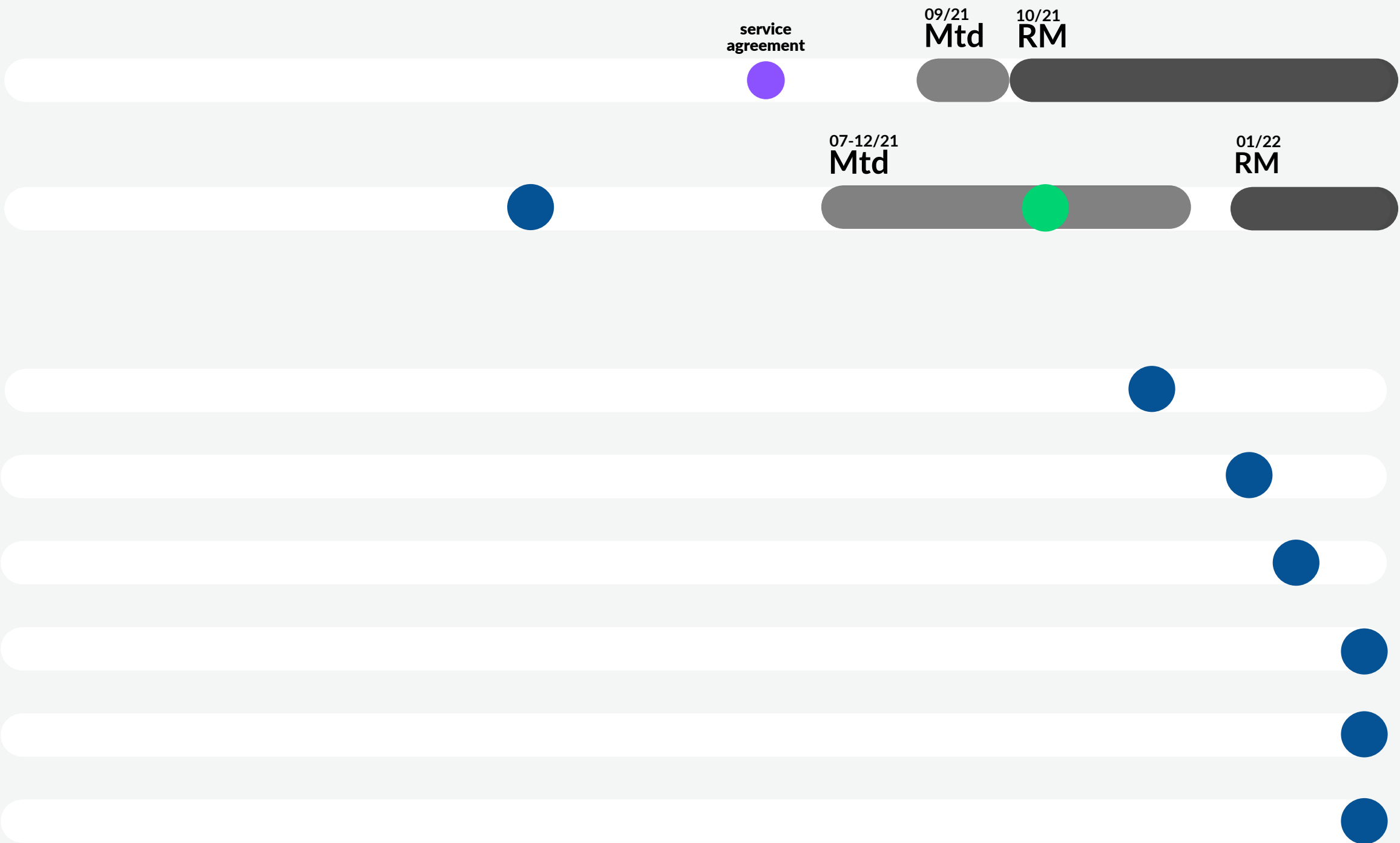
Médecins sans Frontières
Operation Centre of Brussels (OCB)

Drugs for Neglected Diseases Initiative
(DnDi)

MSF Supply

MSF Logistique

- (MM/YY)
- Letter of Intention
 - Memorandum of Understanding
 - Mtd - Developing the methodology
 - RM - Co-constructing the roadmap



Partner





ALIMA: Learnings from a climate and environment roadmap

The essential principles

Integrity and determination are essential to build a credible roadmap

The mobilisation of human, technical and financial resources for the implementation of projects

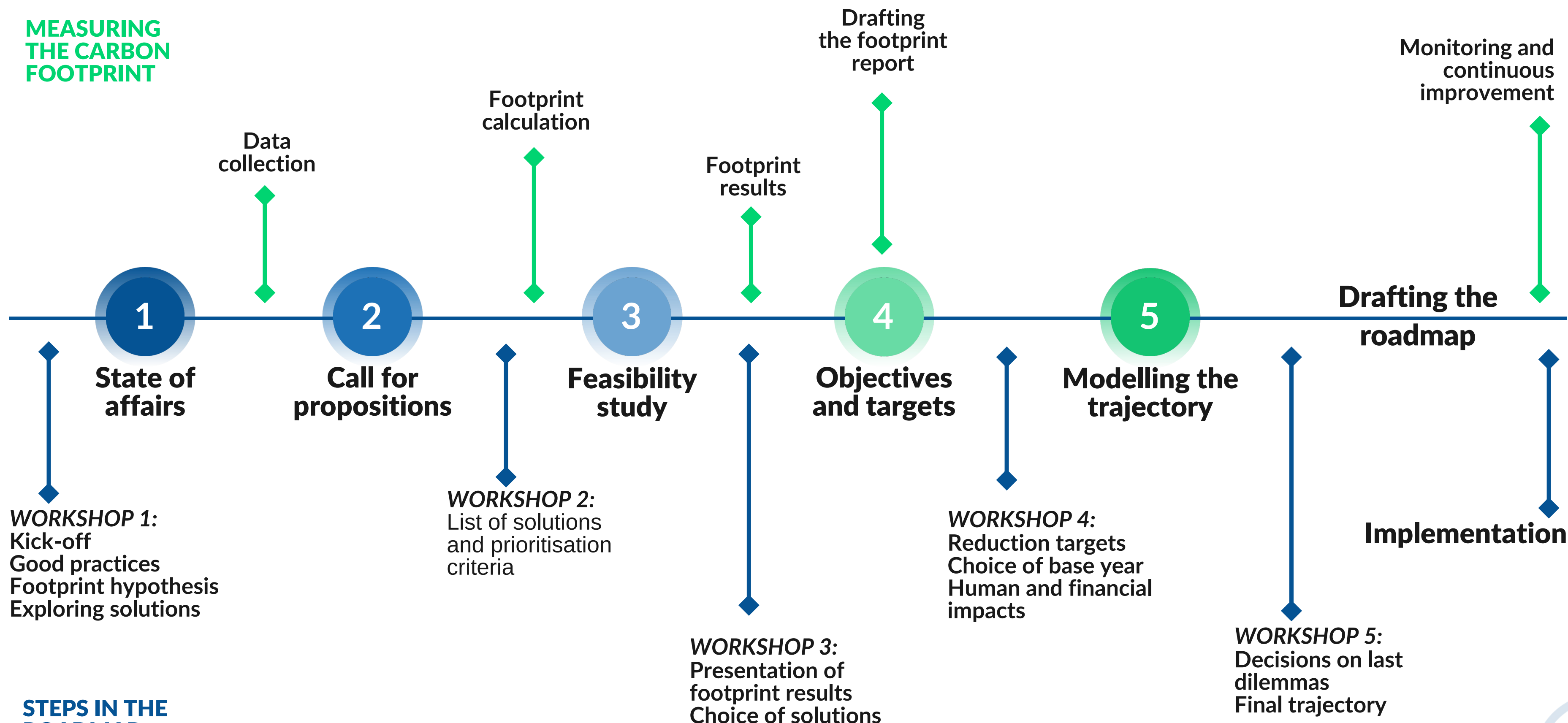


The humility inherent in a process of continuous learning and experimentation

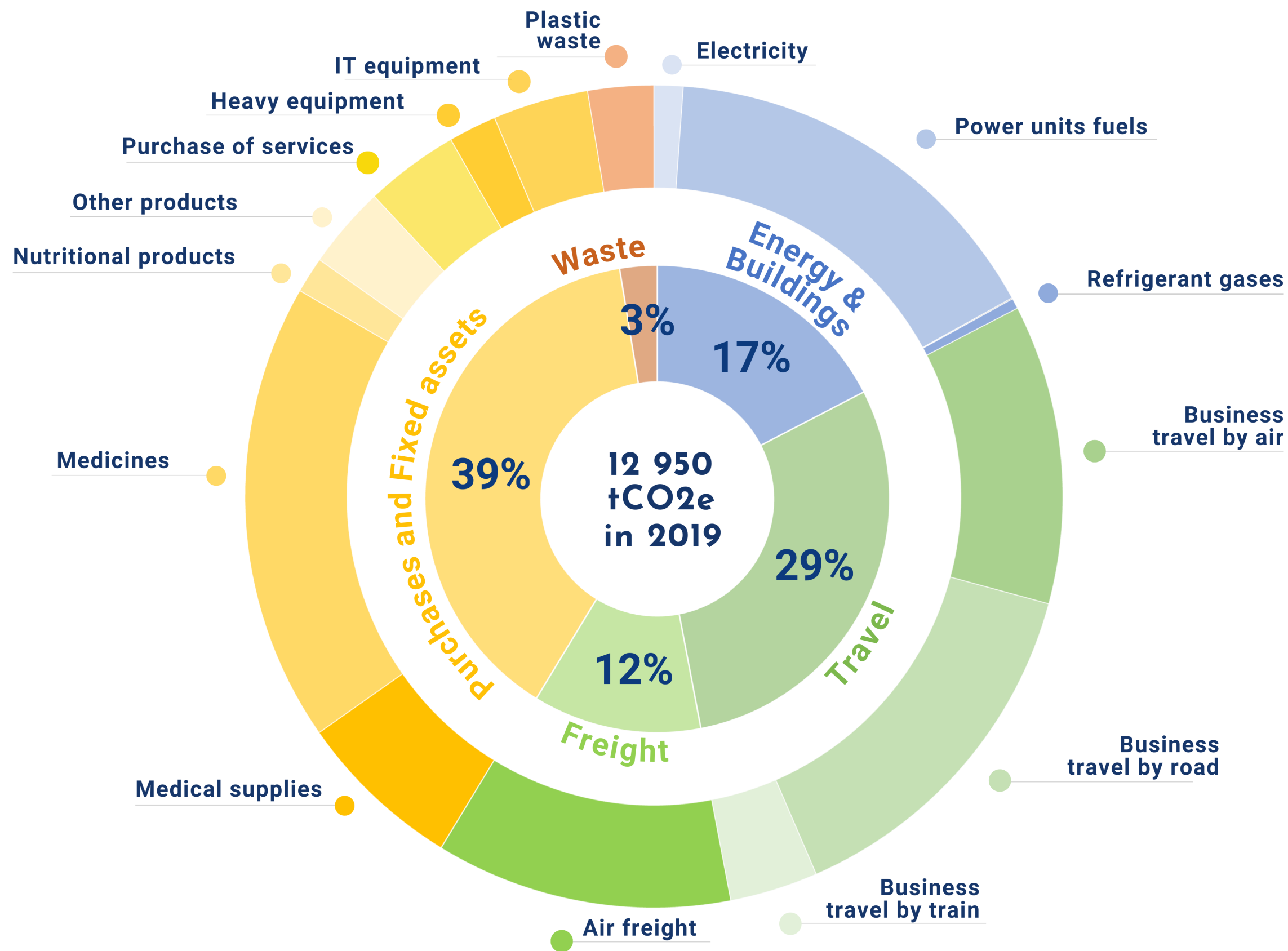
The centrality of the social mission must not be compromised

Methodology of construction*

MEASURING THE CARBON FOOTPRINT



STEPS IN THE ROADMAP

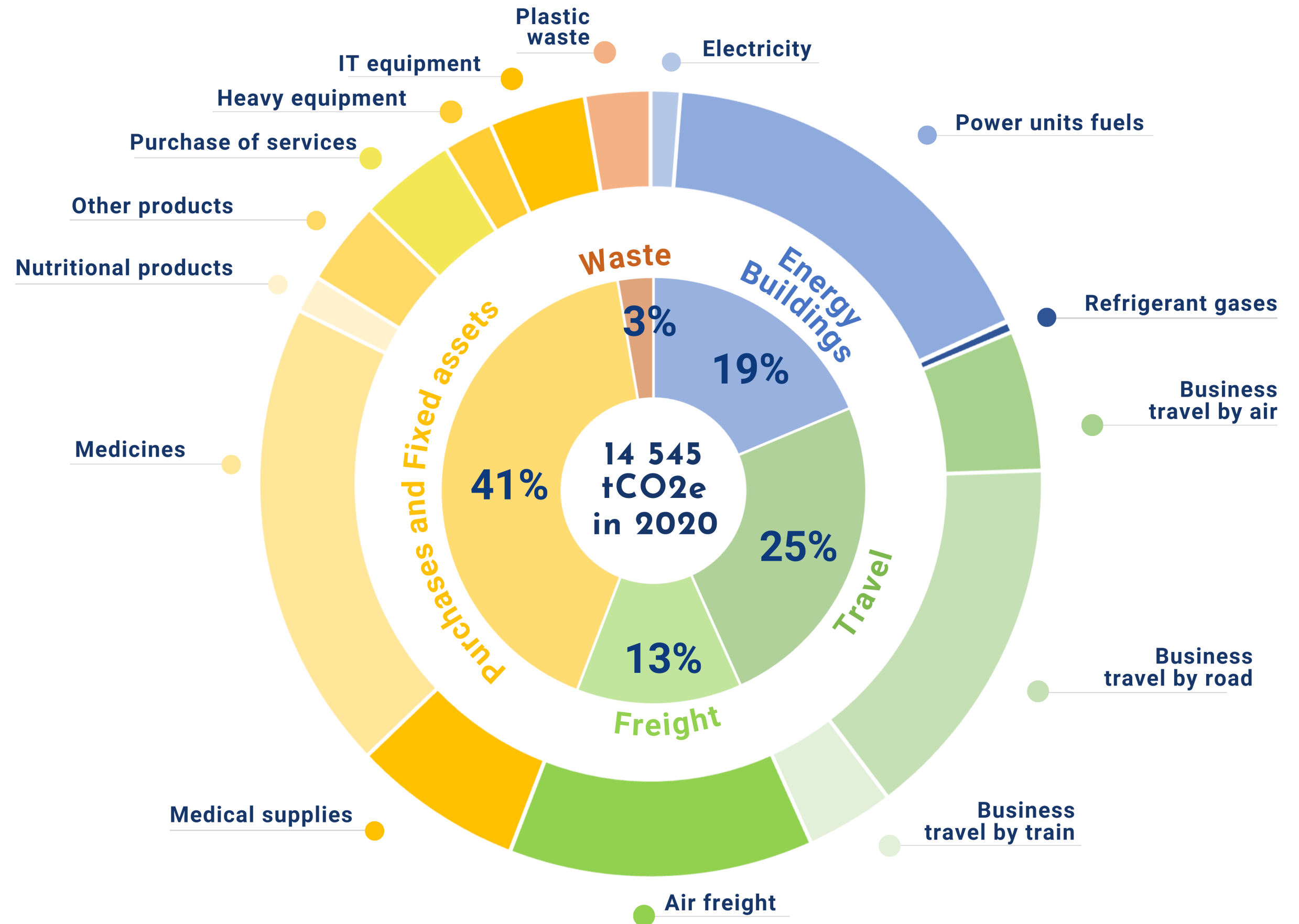


ALIMA's emissions in 2019 are concentrated in 3 categories that account for 97% of its footprint:

- Purchases and fixed assets
- Transports
- Energy in buildings

Estimation of ALIMA's carbon footprint in 2020

*Despite Covid,
still an increase*



Solutions

From ALIMA's roadmap

TRANSPORTS

- 01** Increase the share of maritime freight in the transport of goods
- 02** Reduce air travel for business trips
- 03** Maximise shipping container load to reduce frequency of use
- 04** Reduce the volume, weight and packaging of goods.
- 05** Reduce the energy consumption of the vehicle fleet

PURCHASES

- 06** Reduce the environmental impact of purchasing
- 07** Reduce the number of travelling ton-kilometers thanks to regional purchasing
- 08** Replace plastic with alternative solutions

ENERGY AND BUILDINGS

- 09** Reduce energy waste
- 10** Reduce the energy consumption of buildings
- 11** Decarbonise electricity consumption
- 12** Avoid emissions of gases with very high warming potential
- 13** Reduce the energy consumption of equipments

WASTE AND ECOSYSTEMS

- 14** Reduce local pollution resulting from waste management
- 15** Reduce soil, water and air pollution from medical waste
- 16** Prevent and limit environmental degradation caused by projects
- 17** Preserve water resources

DIGITAL AND TRANSVERSAL

- 18** Reduce greenhouse gas emissions caused by digital technology
- 19** Systematise eco-responsible practices in daily life, promoting everyone's awareness and involvement
- 20** Move towards the realisation of a low carbon headquarters

Solutions and **their indicators**



Increase the share of maritime freight in the transport of goods

EXPECTED OUTCOMES

In 2024, 35% of the forecasted tonne-kilometres transported by air freight are replaced by maritime freight and 70% in 2030, i.e. a reduction of 640 tonnes of CO₂e in 2024 and 1,530 tonnes of CO₂e in 2030.

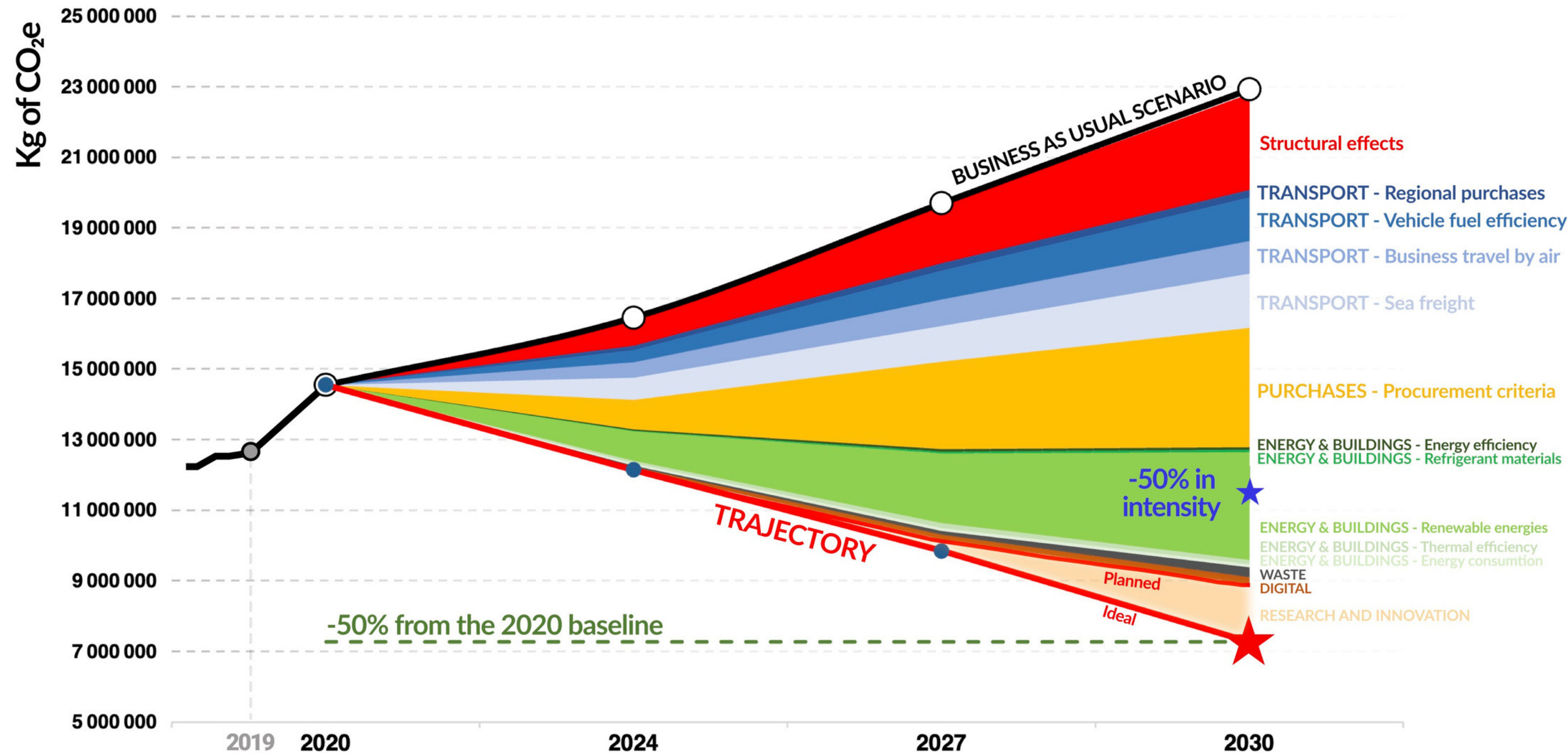
INDICATORS

- Proportion of maritime and air freight volume in the total freight volume
- Proportion of country offices with an annual procurement plan

DATA TO COLLECT

- Tonne.kms transported by type of freight
- Tonne.kms per order type

ALIMA's decarbonisation trajectory: 2020-2030



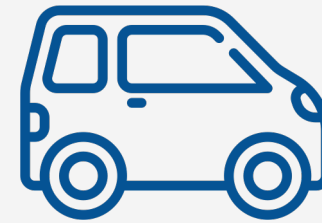
**More than 85%
of the carbon
reduction
over 10 years
is achieved
through 5 major
solutions.
These 5
solutions are
the key to
success:**



**Maximise the switch from air
to sea freight for supply**



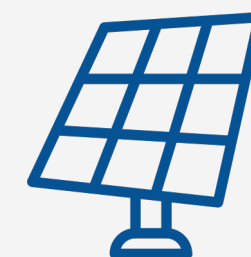
**Rationalise staff travel,
especially by air**



**Increase the energy efficiency
of vehicles**



**Implement environmental criteria
to guide purchasing decisions**



**Switch to renewable energy -
mainly solar photovoltaic energy**

The means for success

MEASURE

- Carbon emissions
- Quantities and types of waste produced

INTEGRATE

- Environmental project manager
- Project manager for sustainable procurement
- Expert in water, sanitation and waste
- External partnerships

TRAIN

- Staff has been trained
- Environmental aspects are integrated in logistics workshops and training

FINANCE

Over the years 2022-2024:

INVESTMENTS

3.1 million euros

SAVINGS

3.4 million euros

RETURN ON INVESTMENTS for photovoltaics

After 2-3 years
Depends on context

PURCHASING CRITERIA, TRAVEL POLICY AND REGIONALISATION

To be determined
in 2022-2023

Priorities in 2022



Carbon and
waste long-term
monitoring

Travel
policy

Procurement
charter and
sourcing of
key items -
preparation
for 2023

Solar
panels

Pilot health and
environment
projects

Freight and
order planning

National events
and workshops in
West Africa

Dialogue with
institutional
donors

First key learnings




Internal levers are significant and can be turned into action



Focus on the few solutions with the greatest impact, avoid dispersion



Leadership and investment in people are the real key to success



Quantified indicators and intermediary milestones are essential



Avoided costs may compensate for a large part of the investment



A roadmap over 9 years must leave room for continuous learning and adjustment

Amplifying the transformation in the aid sector

1 Mobilising aid organisations around a -50% emissions reduction goal

A growing number of partners onboard, committed to science-based targets

National NGOs join the movement and transform their own practices

A critical mass is reached and a domino effect is underway in the sector

2 Mutualised operational support

Delivery of co-constructed roadmaps or action plans tailored to reach the -50% emissions reductions commitment

Support in building low-carbon development roadmaps for national actors, combining adaptation and resilience

3 Tools to accelerate sector-wide transformation

An inventory / repository of solutions

**A carbon measurement and monitoring
tool adapted to the aid sector**

**An emissions factors database tailored to the
activities of organisations in the aid sector**

A generic roadmap based on key learnings

4 Building momentum to create a shift in the sector

**Global community of sharing is
activated on open-source platform**

**Develop trainings for transfer of
knowledge and experiences**

**Strategic dialogue with funders to
influence donor policy**

Feedback, questions and answers



**Do you have
any questions ?**

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