CLIMATE AND ENVIRONMENTAL ROADMAP

Towards a 50% reduction of Nonviolent Peaceforce carbon footprint by 2030

Nonviolent Peaceforce

June 2023

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Foreword

As we look to the future, envisioning a path to a more harmonious, just, peaceful and inclusive world, the reality of the ecological crisis we are facing cannot be ignored. While NP's work focuses on preventing violence and protecting civilians impacted by conflict it is clear that not only do we need to adapt our programming to include climate-related protection concerns, but as an organization we must also learn to be better climate citizens. It is simply not enough for us to contribute to mitigating the impact of climate change for others, we must, as NP, proactively and intentionally ensure that our operations are as clean and gentle as possible for the planet.

Knowledge is power. In order to prepare ourselves for this journey, NP has partnered with the Climate Action Accelerator (CAA) to complete an organizational-wide assessment of our carbon footprint. In doing so, we have the information that we need to know where we are and what we need to do together to achieve our commitment to reducing NP's carbon footprint by 50% by 2030.

With this process we are making changes in how we operate. Some of you will be called upon to help implement those changes. Most of us will feel some impact of these changes in areas like how we procure goods and services, the frequency and manner in which we travel, how we generate and use electricity and so on. As we know from our work on violence reduction, sustainable progress comes from making meaningful change and that is the commitment NP is now making.

We invite each and every one involved in NP to be part of this process both in your function in the organization as well as in the choices you make in your non-work lives.

We are looking forward to working together on this exciting and positive effort.

Tiffany Easthom

Executive Director

Why we must act now

Climate change, conflict and the protection of civilians are intimately connected. The climate crisis erodes our physical environment and cascades into social interactions. Resources, communities' relationships, economics, and social security nets are put under great stress. The evidence from the Intergovernmental Panel on Climate Change (IPCC) reports is clear: climate change is a risk multiplier as it aggravates existing vulnerabilities and inequalities. Conflicts are exacerbated, which hinder further climate responses and, in the midst of it all, civilians struggle against an onslaught of threats to their security, well-being and livelihoods.

Working on reducing Nonviolent Peaceforce's (NP's) carbon footprint is essential to contribute to a more just and peaceful world. 'The climate crisis has arrived and is accelerating faster than most scientists expected. It is more severe than anticipated, threatening natural ecosystems and the fate of humanity' (Ripple and al, Bioscience, 2019). As the environmental crisis we face is intrinsically global, all actions count. Nonetheless, acting as an organization has the power to go beyond reducing one's own carbon footprint. Together with other organizations from the sector, our actions can make climate actions look more accessible and inspire partners and counterparts to follow the same objectives.

In general the least resilient communities are hardest hit by climate change and many of them live in areas where NP works. Our accountability to affected communities is the ultimate reason for why we must act now. Building a worldwide culture of peace inevitably includes taking the environment into consideration. Have We therefore need to act faster in raising awareness and taking concrete measures to reduce our carbon footprint and support communities most affected.

NP provides protective presence at Nyabol Bridge and speaks with a community member on a dike while a woman uses a tarp to gather flooded firewood. Near Bentiu POC Site, South Sudan, Mar 2022. © NP

Our vision

As a humanitarian organization, NP has a responsibility to respond to the needs of affected communities and in many regions where we operate, the ecological crisis exacerbates those needs. For present as well as for future generations, we have a duty to act against global warming.

We commit to significantly reducing our interventions' greenhouse gas emissions, aligning ourselves to the Paris Agreement targets of -50% by 2030. We will promote the implementation of environmentally friendly alternatives for our travel policy, procurement policy and energy provision.

By doing so, we aim to set an example to inspire our counterparts and other organizations on the same path.

Our commitments

We will reduce our carbon emissions by 50% by 2030 compared to 2019, without purchasing carbon offset credits.

We will reduce air travel mileage by 35% by 2030, introduce sustainable travel practices everywhere feasible and promote the use of train instead of European short hauls.

As of 2024, we will implement an Environmental Guideline, setting out the criteria that guide us in each of our travel and purchasing decisions.

We will switch to fossil free energy by default in all our facilities, aiming to reach 90% of carbon free electricity in our yearly consumption by 2030.

Our offices lead by example, implementing eco practices at work and adopting a zero single use plastics policy.

Each NP staff and partner has the opportunity to contribute to change and to the implementation of environmentally friendly practices. We invest in their training, giving them the tools and the means to act.

We integrate environmental and climate issues into our programming, acting for the promotion and dissemination of environmental actions among the communities we serve and the community organizations we partner with.

We learn from our partners, support them and influence actors in our ecosystem along the path of a demanding climate and environmental commitment. We share our experience and tools and are transparent each year on our progress and challenges.

Reducing NP environmental footprint, a strategic priority

To reduce our impact successfully, we need to know what our current footprint is. A GHG footprint makes it possible to assess the contribution of an organization to climate change, as well as the sources that need to be tackled.

The methodology chosen for the assessment of the climate impact of NP's activities complies with ISO 14064 international standard, follows the GHG Protocol methodology and includes both direct and indirect emissions.

NP's 2019 carbon footprint
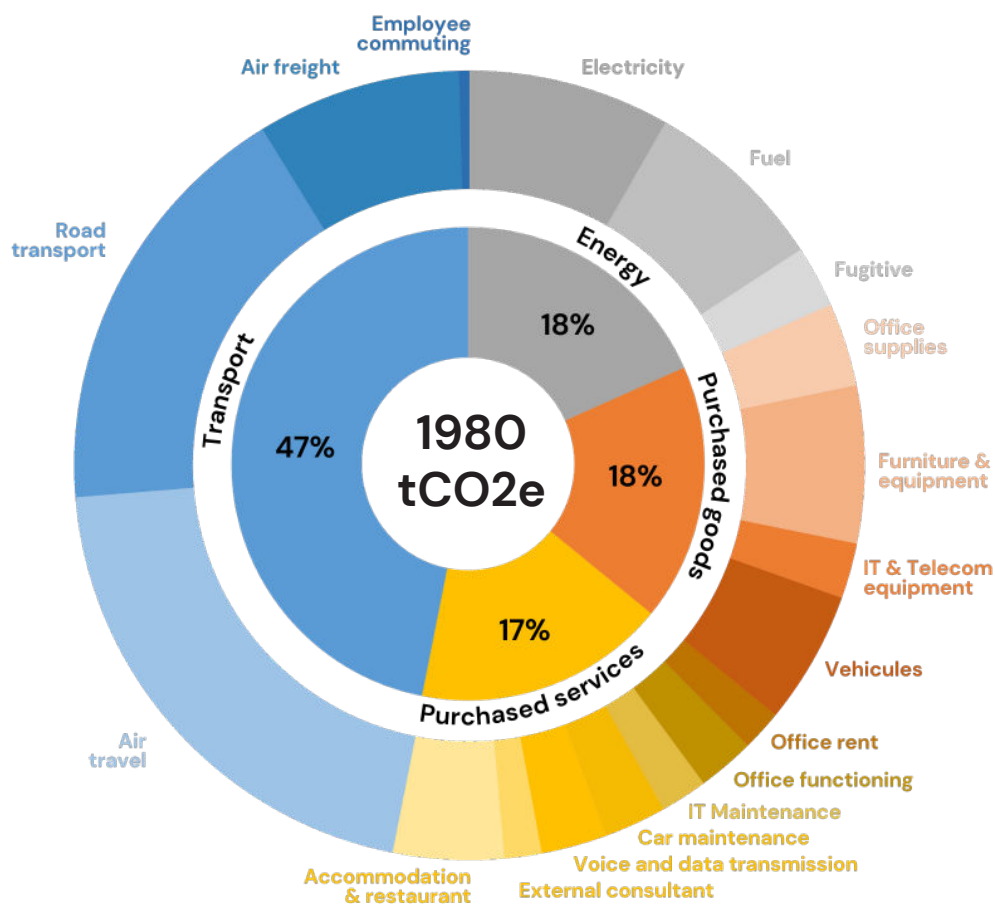
Our footprint is estimated at 1980 tons of CO2 equivalent in 2019, before our activities were impacted by COVID-19. It quantifies the sources of greenhouse gas emissions for which NP is accountable.

The scope includes our headquarters in Geneva, our 5 country offices, encompasses 355 full-time equivalent employees and a budget of 16.3M CHF. As shown in the graph, transport is responsible for 47% of the total footprint, purchased goods and services are together responsible for 35%, and energy for 18%.

To find out more about our footprint you can access the full report here.

Our reduction pathway

Key solutions

To reduce our footprint, NP, with the support of the Climate Action Accelerator, has selected eight tailored solutions. They are presented in the following pages. Based on their impact, the efforts required to implement them and their compatibility with our operations, those solutions are the main levers actionable by NP. Together, they are the building blocks of a decarbonization trajectory which will help us halve our carbon emissions by 2030.

Within these solutions, four are especially important as they account for more than 80% of the emissions reduction efforts:

- Reduce energy consumption, improve thermal efficiency and optimize materials.
- Reduce the footprint of purchased products and services.
- Reduce business travel by air.
- Reduce vehicle fuel efficiency.

To gain efficiency, they will need to be implemented in priority besides other solutions that promote staff awareness, commitment and ownership of NP's climate and environmental roadmap.

Solutions domains

TRANSPORT
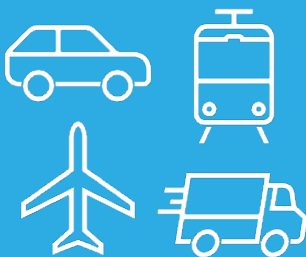
PROCUREMENT

ENERGY & BUILDINGS

EVENTS

DIGITAL

CROSS-CUTTING

NP's projected decarbonization trajectory 2019-2030

A greenhouse gas emission pathway to 2030 has been established and reduction targets have been set. The vast majority of reductions originate from NP's organisational policies and practices in the areas of travel, energy and procurement.

Nonetheless, to cater for the fact that regardless of individual choices of an organization, societies as a whole are decarbonizing, these 'structural effects' are factored in for selected solutions. Airplanes and trains, for instance, are increasingly energy efficient and national electricity grids are progressively being decarbonized, at different rhythms depending on countries.
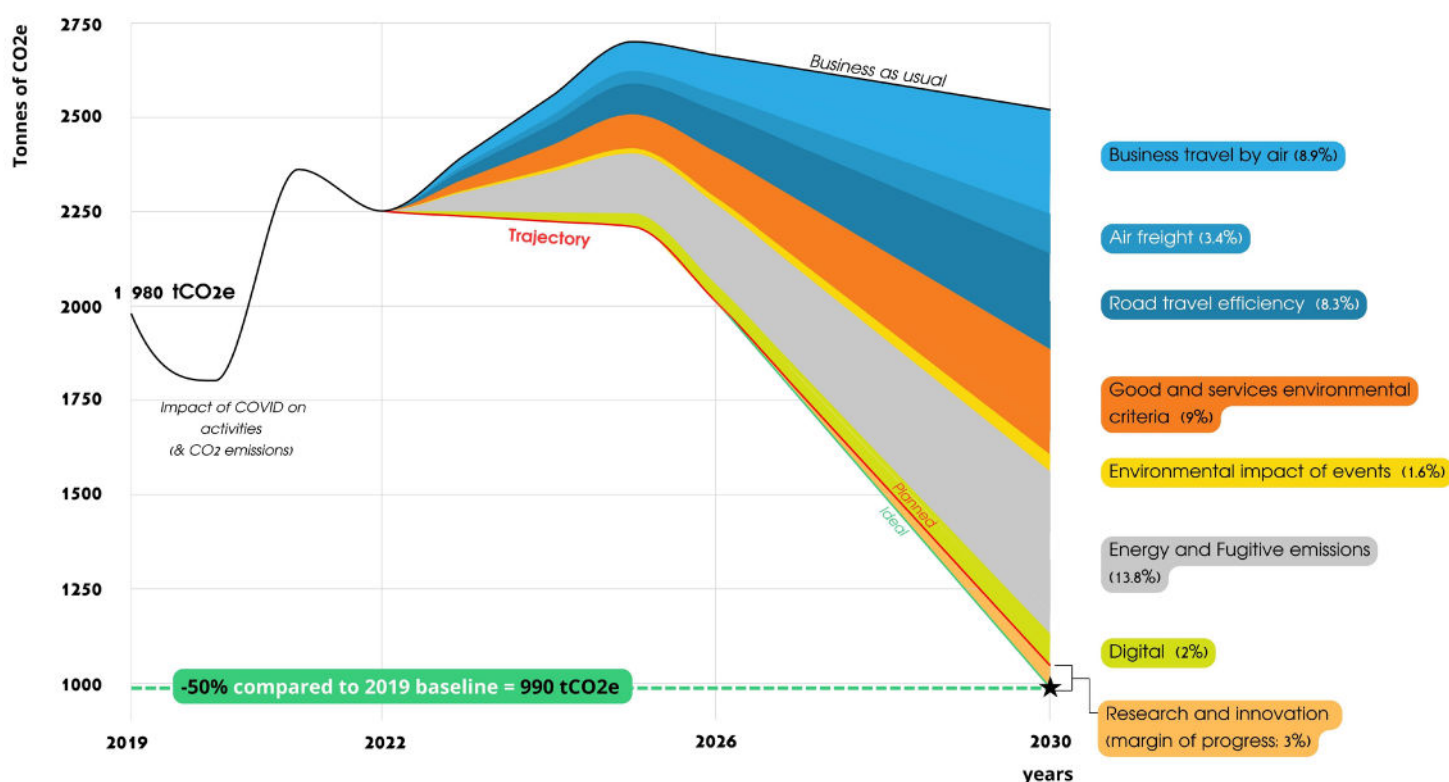
An 8-year plan includes many uncertainties. Growth of NP's volume of activities, effects of decarbonisation policies on production, and the pace of deployment of solar energy in Africa and the Middle East are all factors that will entail an adjustment. In 5 to 8 years, innovations will enable the kind of product substitution that is not yet possible today. That is why a margin of progress has been added from 2026 onwards to move towards our ideal target.

Our reduction strategy

TRANSPORT

47% of total footprint

emissions in 2019
930 tCO$_2$e

emissions in 2030
540 tCO$_2$e

WHY IT MATTERS: Transport is the main source of NP's carbon footprint. It also has a knock-on effect on other sources: less travel reduces the need for hotels and restaurants. Solutions related to transports represent over 40% of the total global reduction potential.

Solutions & Actions

Expected results

Reduce business travel by air

- Develop an internal travel policy encouraging the virtual work experience and limiting travel occurrences to essential reasons
- Choose alternative or more efficient modes of transportation and companies (airlines, direct flights, trains)

- By 2030, the mileage related to air travel compared to 2019 is reduced by 38%
- By 2030, 100% of European trips with less than 3 hours difference (city centre to centre) between plane and train are travelled by train
- By 2030, 60% of corresponding flights through relevant European hubs, with less than 3 hours difference from city centre to airport, are made by train. Airplane travels emissions are reduced by 25% by 2030, through sustainable travel choices ('greener' airlines or aircraft, direct flights) whenever available

Optimize vehicle fuel efficiency

- Use more energy-efficient vehicles (range/weight, energy class, alternative engine)
- Optimize road travel within and to missions/projects to limit kilometres travelled
- Encourage the virtual work experience

- Road travel mileage is reduced by 35% by 2030
- Road travel consumes 35% less fuel per kilometre by 2030 due to the choice of lighter, more fuel efficient vehicles

Reduce air freight

- Switching from air to road or sea freight
- Better planning and anticipation of orders
- Choice of 'greener' freight companies (less emissive transport vehicles)

- 50% of air freight is changed to road freight where feasible

PROCUREMENT

23% of total footprint

emissions in 2019 **430 tCO$_2$e** → *emissions in 2030* **300 tCO$_2$e**

WHY IT MATTERS: Putting in place environmental procurement criteria does not only contribute to directly reducing the carbon impact of purchased goods & services. It also sends a clear signal to suppliers that decarbonizing their operations and developing low-carbon products will be a strategic issue for the years to come, thereby creating an accelerator effect.

Solution & Actions

Expected results

Purchase items and services from suppliers with the lower carbon footprint

- Require visibility from suppliers' product carbon value and life cycle information. Include environmental criteria in a Sustainable Procurement Guideline. Identify lower carbon or lower waste generating alternatives for key items, including single-use plastic items

- Avoid emissions of gases with a very high warming potential: purchase non-HFC or low-heat HFC refrigerants, choose low-carbon air conditioners and heaters

- Give preference to local and regional sources for a defined list of items to reduce kilometres travelled by goods

- Apply the 5R strategy to unavoidable plastics

- Through more sustainable choices of providers and low-carbon alternatives, the lifecycle emissions of procured goods and services are reduced by 50% by 2030

- Sustainable procurement criteria are put in place for office supplies and equipment, hotels and events

- A ban on single-use plastics (ex. bags) is implemented in all NP offices by 2024

NP Ukraine hosted a Networking and Partnership Meeting with volunteer collectives, civil society organizations, national NGOs, and international NGOs. This was the largest gathering of organizations in Southern Ukraine since February 24. Odesa, Ukraine, Nov 2022. © NP

ENERGY & BUILDINGS

18%
of total footprint

emissions in 2019
360 tCO$_2$e

emissions in 2030
30 tCO$_2$e

WHY IT MATTERS: Energy is the third largest source of our carbon emissions. NP endeavours to better control and reduce its energy consumption and significantly lower its dependency on fossil fuels by investing in renewable energy across the organization.

Solution & Actions

#### Reduce energy consumption and carbon intensity of electricity

- Reduce demand and usage by controlling (manually or automatically) and measuring temperature, lighting, and equipment usage
- Choose energy-efficient lighting and equipment (e.g., LED lighting)
- Increase the thermal insulation of energy-intensive premises
- Prefer the renovation of existing buildings and favour eco-construction techniques for future buildings
- Buy from green energy suppliers
- Produce electricity from renewable sources (install photovoltaic panels) in programme sites

Expected results

- 90% of the electricity produced by generators is replaced by photovoltaic energy sources by 2030
- Energy consumption is reduced by 50% by 2030
- The average emission factor for electricity consumption is reduced by 100% by 2030
- Fugitive emissions are reduced by 90% by 2030

EVENTS

5%
of total footprint

emissions in 2019
90 tCO$_2$e

emissions in 2030
70 tCO$_2$e
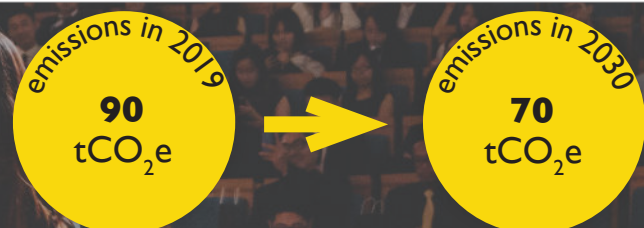
WHY IT MATTERS: Events are an important aspect of our mission, involve various services and goods and they are a good opportunity to share our environmental concerns and show our actions to the public.

Solutions & Actions

Reduce the environmental impact of events (conferences and workshops)

- Establish an environmentally friendly events playbook for external events in Switzerland like UCP 22 conference in Geneva (transport, goods and services including catering energy, waste, communication)
- Establish an environmentally friendly events playbook for internal events

Expected results

Sustainable procurement criteria are put in place for events and related goods and services

Switch to a flexitarian menu when using restaurant services

DIGITAL

7%
of total footprint

emissions in 2019
170
tCO$_2$e

→

emissions in 2030
110
tCO$_2$e

WHY IT MATTERS: Reducing the emissions linked to NP's digital equipment will positively impact the emissions linked to the procurement of goods (IT equipment) and services (IT maintenance) as well as energy (data storage). It is important to think about sustainable development of digital practices, as the use of digital tools will continue to increase an will be amplified by changing travel practices.

Solutions & Actions

Expected results

Optimize IT materials, services and uses

- Select eco-designed hardware and services (devices, website, terminal power, bandwidth, number of servers)

- Increase the lifespan of equipment to reach an average of 5-7 years

- Limit the number of devices by promoting the mutualisation of professional and personal uses where relevant (ex: mobile phones)

- Choose a data storage company in a country with a low carbon energy mix

- Reduce the weight and volume of data (video, data storage, shared documents)

- Reduce energy consumption of digital equipment (automatic shut-down)

- The purchase of new digital goods is reduced by 40% by 2030

- The energy consumption impact of digital practices is reduced by 40% by 2030

Attendees watch and record performances at the Asian American Federation Fall Festival, where NP provided a safety training demonstration and distributed safety information. New York City, US, Nov 2022. © Kimberly Young Sun/AAF

CROSS-CUTTING

WHY IT MATTERS: Cross-cutting good office practices, such as energy savings, the sorting of waste or the use of reusable containers for drinks, contribute to the procurement and energy carbon footprint reduction. They also encourage employees to actively participate in implementing the roadmap, take ownership of the solutions, and show interest in the organization's efforts to reduce carbon emissions.

Solutions & Actions

Expected results

Systematize eco-responsible practices on a daily basis, promote awareness & involvement of everyone

by producing and implementing a playbook of good work practices including:

- A 5R strategy (refuse, reduce, reuse, repurpose, and then recycle)

- Temperature regulation (air conditioning) and equipment usage (lights, computers...) to limit energy consumption

- Rationalization of user data exchange and storage (images / videos, shared documents, double-sided printing...)

- Promotion of local and more balanced collective catering (less meat)

- Regeneration of land where relevant (improve soils, plant trees)

- Teleworking regulations and lower carbon commuting where applicable

- A playbook is applied in NP offices ensuring respect of recommended temperature standards, responsible premise and waste management, teleworking regulations, promotion of flexitarian menu in office restaurant and digital user best practices

NP visits Qasabat al Ra'i field visit. Iraq, Nov 2022. © NP

Along the way, the benefits associated with the roadmap solutions are numerous and result in positive externalities. Through increased localization of support; improved staff health and well-being; development of the local economy; reduction of air, water and soil pollution; preservation of biodiversity; and in some cases, improved financial efficiencies; NP's social mission will be strengthened.

Drivers of transformation

Community member transplanting tomatoes. Myanmar, 2018. © NP

Leadership

The commitment to meet our reduction targets has to be unambiguous and strongly anchored throughout our organization. To reach this goal, the roadmap will encourage each staff member to act and contribute at their own level. NP's leadership will drive this process, regularly report on progress and mobilize the means necessary to achieve our target.

Responsibilities and human resources investment

Many of the solutions are policy-related or cultural rather than technical. The success in implementing the roadmap depends on all of us and our commitment to make the necessary changes. Policies and guidelines are critical to transformation, but we will also empower our staff to contribute and put forward their own creativity to help us meet our roadmap objectives. Building local capabilities and reinforcing skills and knowledge where it is needed represent a crucial investment.

Project governance

From 2023 onwards, implementation of the roadmap will be coordinated by the Executive Director. A transversal Steering Committee will ensure the involvement, ownership and accountability of all departments. Together it will lead, disseminate, guide and monitor actions with support from:

•   Project leaders and/or technical focal points within NP identified by solution category to turn solutions into actionable projects.

•   External experts associated to the action plan, notably those from the Climate Action Accelerator.

Heads of Mission will show leadership by prioritizing the implementation of solutions and awareness raising at the countries' programs level. Ensuring that our existing monitoring mechanisms integrate by 2023 the data needed for carbon emissions measurement will enable us to report transparently in a yearly progress statement.

Financial means

Commitment from our donors and partners will be crucial in creating an enabling environment and achieving these changes successfully. For instance, savings induced by investing in energy efficiency and travelling less should positively (not negatively) affect our operational budget, notably to allow the purchase of more sustainable products and services and building more local capabilities. Internally, the project programming cycles and funding requests will need to be adjusted to consider the objectives and indicators of the roadmap, in compliance with donors' increasing environmental requirements.

Priority areas of investment

Over 80% of the emissions reduction goal over the next eight years relies on only four main climate solutions. Others are considered critical to reduce local environmental degradation resulting from our field activities. A specific investment and project management effort will take place over the 2023-2026 period to accelerate the deployment of these key projects in order to reach the first milestone of a 25% decrease in emissions intensity by end 2026 (compared to business as usual in 2026).

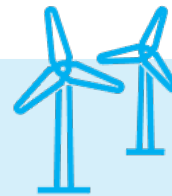| Carbon and waste long-term monitoring system | Responsible travel policy | Sustainable procurement charter and sourcing of key items | Good office practices playbook | Energy consumption in field offices | Vehicle selection criteria |

High level performance indicators

Our commitments	Expected outcomes
Programs	Number of projects, publications and events linked to climate change and environmental security.
People	100% of NP staff has been offered a chance to participate in a roadmap implementation workshop, essential training courses are provided for targeted staff, and the good office practices playbook is given to all new staff.
GHG emissions	Tonnes of CO2e emissions are as close as possible to 2050t CO2e in 2025 and below 1082t CO2e in 2030 (-50% from 2019 baseline)
Air travel	Tonnes of air travel-related CO2e emissions are close as possible to 450t CO2e in 2025 and below 250t CO2e in 2030 (-37,5% from 2019 baseline)
Cross-cutting	A "good office practices" playbook has been published and is implemented in all offices.
Supply chain	Tonnes of procurement-related CO2e emissions are close as possible to 770t CO2e in 2025 and below 490t CO2e in 2030 (-30% from 2019 baseline)
Energy	Tonnes of energy-related CO2e emissions are close as possible to 300t in 2025 and below 70t in 2030 (-77% from 2019 baseline). In 2030, 90% of the energy consumed in our offices is of renewable origin.

Key means to assemble

Measurement: Measure the organization's carbon emissions and the quantity and type of waste produced.	In 2023, measuring and monitoring systems for carbon emissions as well as for solid and liquid waste are in place for the entire organization.
Coordination: Ensure steering, monitoring and reporting on the commitments and projects identified in the roadmap.	A Roadmap Coordinator and Steering Committee are in place.
Responsibility: integrate environmental responsibility into the job profiles of operational and technical managers.	By 2024, all new NP contracts will include a clause relating to environmental commitments.
Compentencies: Integrate the necessary technical expertise into the organization and empower staff members to put NP's environmental commitments into practice.	• Sensibilization sessions have been provided to all staff members. • External partnerships are in place where necessary, particularly for energy.
Procedures and policies: Incorporate the levers to achieve the expected outcomes of the roadmap in all relevant departmental policies and procedures.	Policies and procedures in the priority areas of travel, supply and procurement, energy and facility management are reviewed by 2025 to support achievement of the corresponding expected outcomes.
Accountability: integrate environmental commitments and the means to achieve them into the programming cycle.	Each NP annual activity report will include monitoring of the roadmap and an account of progress made.

NP meets with community. Darfur, Sudan, 2022. © NP

Acknowledgements

Nonviolent Peaceforce

We thank all NP staff and collaborators who particpated in the co-construction of the roadmap, through interviews, questionnaires, workshops, proposing solutions on the participatory platform, and giving their technical insights on the feasibility of solutions.

Climate Action Accelerator

We thank the whole team for their support and assistance in the production of this roadmap, including footprint calculations, trajectory modelling and the production of the content presented.

About Nonviolent Peaceforce

Our mission is to protect civilians in violent conflicts through unarmed strategies, build peace side-by-side with local communities, and advocate for the wider adoption of these approaches to safeguard human lives and dignity. NP envisions a worldwide culture of peace in which conflicts within and between communities and countries are managed through nonviolent means. We are guided by principles of nonviolence, non-partisanship, primacy of local actors, and civilian-to-civilian action.

After training with NP, a group of former women combatants decided they wanted to tackle the issue of food insecurity. Breaking the norm of women being confined to the home, they started a livelihood farm. ↑ Lanao del Norte, Mindanao, Philippines, 2022. © Denise Rafaeli Cadorniga/NP

About the Climate Action Accelerator

The Climate Action Accelerator, a non-for-profit initiative, aims to mobilise a critical mass of community organisation 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.

Roles and responsibilities

Project	Leader	Date
Appoint a environmental roadmap leader	Executive Director	2023
Develop a general environmental purchasing policy	Executive Director	2023
Develop a specific environmental purchasing policy for events	Executive Director	2023
Develop an internal travel policy	Executive Director	2023
Elaborate a good office practices playbook	Executive Director	2023

Project	Leader	Date

Area	Solution	Indicator	Data to collect
Transport	Reduce business travel by air	Total distance traveled by air	Number of kilometers flown per flight
Transport	Optimize vehicle fuel consumption	Total distance traveled by road transport Liters of fuel consumed per km	Number of kilometers travelled by car Number of liters of fuel purchased for vehicles
Transport	Reduce air freight	Proportion of goods transported by sea	Volume transported by air/sea
Procurement	Purchase items and services from suppliers with the lower carbon footprint	Proportion in financial volume of purchases covered by environmental criteria Evolution of the value of emission factors by category of goods and services purchased	Financial value or quantity of goods and services used by category Emission factors of goods and services used by category
Energy and building	Reduce energy consumption and carbon intensity of electricity	Annual consumption in kWh per site	Annual electricity consumption per site and per building Documentation of construction or other techniques used
Digital	Reduce carbon intensity of digital equipment, data transfer and storage	Annual renewal rate of the digital equipment Average life expectancy of equipment by category Proportion of certified suppliers (equipment and services)	Number of equipment renewed Life expectancy of equipment by category Number of certified suppliers (equipment and services)
Transversal	Organize environment friendly events (conferences and workshops)	Proportion of events having implemented the best practices playbook	Number of events having implemented the best practices playbook
Transversal	Promote good office practices and responsible behavior	Proportion of offices having implemented the best practices playbook and appointed a green referent	Number of offices having implemented the best practices playbook

PURCHASE OF SERVICES
220 tCO2e

11%

3% Voice and data transmission **53 tCO2e**

Car maintenance **50 tCO2e** **2.5%**

2% IT Maintenance **38 tCO2e**

Office functioning **46 tCO2e** **2%**

2% Office rent **33 tCO2e**

TRANSPORT

Employee commuting **10 tCO2e**

1%

ENERGY
361 tCO2e

Electricity **163 tCO2e** **8%**

8% Fuel **148 tCO2e**

Fugitive **50 tCO2e** **2.5%**

18%

PURCHASE OF SERVICES
119 tCO2e

External consultants **30 tCO2e**

Hotels and restaurants **89 tCO2e**

1.5%   **5%**

TRANSPORT
914 tCO2e

21% Air travel **405 tCO2e**

Road travel **345 tCO2e** **18%**

47%   **8%** Air freight **164 tCO2e**

PURCHASE OF GOODS
353 tCO2e

18%

9% Furniture and all equipment **179 tCO2e**

5.4% Vehicules **107 tCO2e**

3.4% Office supplies **67 tCO2e**

Nonviolent Peaceforce

UPSTREAM ACTIVITIES   **REPORTING ORGANISATION**   **DOWNSTREAM ACTIVITIES**