

Portfolio-level monitoring of air quality, climate, socio-economic and equity trends related to CAF-funded projects: a pilot for Poland

Background

The [Clean Air Fund](#) is a global philanthropic organisation that works with governments, campaigners, researchers, funders and businesses to create a world where everyone breathes clean air. We fund and partner with organisations across the globe that promote air-quality data, build public demand for clean air and drive action. We also influence and support decision makers to act on air pollution.

Poland Portfolio at Clean Air Fund

Clean Air Fund has selected Poland as one of its first lighthouse geographies. Over the last few years, we have funded several dozens of projects to better air quality in the country and the quality of air in Poland has improved indeed. Our funding has been directed primarily to generating data, campaigning and technical assistance. We focused on two major sources of air pollution – the combustion of solid fuels in buildings and the combustion of diesel and petrol in road transport. With a vibrant portfolio of c. 15 grantees, we plan to support Poland on its path to full compliance with the revised Ambient Air Quality Directive by 2030.

Context

CAF funds numerous interventions in Poland, aiming at reducing air pollution stemming from household heating and passenger transport. Nevertheless, the knowledge of the environmental, climate, health, socio-economic and equity trends which can be related to the interventions is insufficient.

Moreover, as many of these interventions work towards similar outcomes, it becomes challenging to discern which ones prove most effective. This leads to a lack of crucial evidence necessary for informed decision-making. This evidence is vital for guiding the interventions funded by CAF, pursued by grantees, and by other stakeholders, including national, regional, and local administrations.

Closing this knowledge gap will bolster the case for clean air interventions and enhance communication regarding the co-benefits of clean air. By fostering discussions, the creation of the tool can also facilitate closer alignment and collaboration among stakeholders committed to improving air quality.

Project details

The project aims to establish a new, robust, and dynamic mechanism providing vital intelligence and insight to CAF, its grantees, and key stakeholders in Poland, regarding the effects of air quality interventions observed.

The project will concentrate on developing and testing a tool for monitoring air quality (PM2.5 and NO₂), climate (CO₂), health, socio-economic and equity changes relevant to CAF-funded projects in Poland, as well as exploring methods of interpreting the data and transforming it into actionable recommendations. It will establish and periodically monitor the key metrics, explore correlations between the CAF-funded projects and changes in the above areas, enable concurrent observation of external (non-CAF-related)

factors contributing to the status quo or change, and pilot a practical application of the gathered knowledge (case studies).

Two key sectors contributing to air pollution in Poland will be scrutinised: housing and transportation. The project will be aligned with CAF's wider impact framework and potentially could be scaled to other portfolios.

Prospective project outcomes and activities

Outcome 1: By September 2025, a robust and dynamic tool has been piloted, which can track environmental, climate, health, socio-economic and equity changes associated with AQ interventions in Poland and strengthen the decision-making process of CAF and key AQ stakeholders in the country.

Main Activities:

- Detailed scoping, including reference to CAF's wider impact framework, setting the metrics to be used in the tool and establishing sources of the input data.
- Construction of mechanisms for updating data in the tool on a regular basis (and to the extent possible automatically).
- Creating a robust tool for: a) periodic monitoring of the AP emission levels allowing calculations of correlations between the AP emission levels and interventions which could be associated with the changes in the AP levels; and b) modelling climate, health, socio-economic and equity impacts of the AP interventions (stemming from changes in the AP levels), based on the environmental impacts and involvement of equity lens.
- Design and implementation of simple, intuitive, and appealing interface of the tool.
- Testing and presentation of the tool to CAF and stakeholders indicated by CAF.
- Improving the tool, based on CAF and stakeholders' recommendations (content, operations, user experience, other), gathering insights from CAF and stakeholders on ways to use the tool.
- Testing methods of supplementing the tool with additional knowledge and harvesting insights for a further deployment of the tool (e.g. stakeholder workshops, sharing access, others).
- Recommendations as to the permanent operation of the tool and best ways of its utilization.

Outcome 2: By September 2025, 2 case studies of impact achieved to date by CAF grantees in Poland are prepared with use of the tool.

Main Activities:

- Defining the detailed scope and format of 2 case studies, including one focused on introduction of LEZ in Warsaw.
- Obtaining relevant data with use of the tool and establishing correlations; presentation of results and validation of correlations with stakeholders; preparation of compelling narratives.
- Finalizing the case studies, alongside press releases ready to be publicly communicated.
- Preparation of guidelines and templates for briefing notes and press releases.

Overview of proposal requirements

- Proposals should not exceed 10 pages, excluding company/organization profile and team profiles.
- You must include CVs (maximum 2 pages) of project team members.
- A high-level project budget, including numbers of days, day rates and all applicable taxes.

Proposals must include the following components:

Project Design

- A detailed methodology, setting out the stages plus any challenges with gathering the necessary information and the plan to mitigate these.
- Describe the main risks with conducting the project and how you intend to mitigate them.

Project outputs and deliverables

- A clear list of the intended project outputs and deliverables including content, such as the methodology, description of the ways of acquiring data, tool and its interface, its validation, case studies, press releases, templates and others.

Examples of similar projects you've worked on

- Please include short half-page case studies of work you've done for previous clients including the outcomes you achieved.

Demonstrated technical expertise

- The partner organisation should have access to air pollution and climate science expertise given the technical nature of the task, as well as equity expertise. If needed, Clean Air Fund can facilitate access to experts, so all proposals will still be considered.

Networks in Poland

- For the purposes of this project, Clean Air Fund has a strong preference to work with organisations that are either based in Poland or can demonstrate strong networks in this country and can direct resources to stakeholders.

Timeline and Budget

- Proposal should include a timeline of no more than 12 months.
- The maximum budget for this project is USD \$200,000 including applicable taxes.
- Please include a detailed Gantt chart outlining your activities
- Please note this in an RfP for a short, fixed term project. There may be future opportunities to support this programme of work within Clean Air Fund.

Proposal Timeline

Any questions on the RFP should be submitted by COB 17 July 2024. The deadline for submission of proposals is COB 22 July 2024. Proposals should be submitted via email to askubida@cleanairfund.org. To make sure the e-mail was received we advise to send it with a "Request a Read Receipt" mode.

Activity	Deadline
Publish RfP	5 July 2024
Deadline for submitting questions	17 July 2024

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Deadline for submitting proposals	22 July 2024
Review of proposals	24-26 July 2024
Clean Air Fund decision on preferred bidder	July 2024
Proposal finalisation and agreement	August 2024
Contracting and project start	September 2024