

2021

Action Fund Brazil

Summary Report



Action Fund Brazil

Google.org

October, 2021

Project timeline

01

**December
2020**
Kickoff event

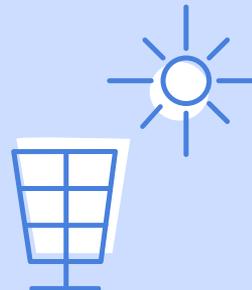


**February
2021**

Community engagement actions and meeting with local governments for project validation

**July
2021**

Application of Solar Panels and Biodigesters in Morro da Cruz's Schools - Porto Alegre



**August
2021**

Field Visit and Presencial meetings for presenting preliminary results in Porto Alegre's projects

**September
2021**

Meeting with Curitiba's local government to present and validate indicators for the Climate Change Panel.

**April
2021**

Brazil Climate Center - Concrete results on the local social and financial impacts of the current contamination coming from the transport sector in Porto Alegre

**September
2021**

Application of solar energy systems in 29 de março community - Curitiba

**Periodically
(40 days)**

ICLEI follow up meetings

Action Fund Brazil contemplates **concluded four projects** that are now under the implementation phase

Main Indicators



3000
people directly impacted



3.436.878
people indirectly impacted



1522,601 tCO₂e
Estimated Lifetime Avoided CO₂ Emissions

Summary

The four projects that compose the Action Fund Brazil concluded their preparation phase between March and June, being now under the implementation phase: **solar panels, collectors and biodigesters** have been recently applied to the communities and online platforms for panels and data sharing are already online in a beta version. In the reported period, we implemented a close follow-up strategy to support the organizations to quickly react by overcoming barriers and replanning steps due to Pandemic restrictions.

Alongside the support routine for the implementation of the Action Fund with the NGOs, ICLEI has worked on other fronts with the contemplated local governments. Promoting this multilevel engagement allows us to integrate the narrative of climate action and to work systemically on Action Fund's appropriation by the key stakeholders.

In the case of Curitiba, ICLEI South America supported the city technically in its recently launched Climate Action Plan. **The two projects contribute directly to the monitoring of climate change and mitigation efforts mapped by the diagnosis carried out for the energy sector, specifically to energy efficiency measures and the identified solar potential.**

In August, we launched in Porto Alegre its GHG inventory update, which stressed the need for action in the transport and energy fronts. On the occasion, site visits were carried out together with local governments representatives, as the presentation of preliminary results of both Action Fund's projects and its strategy as mitigation actions.

Other Highlights

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ICLEI has assured **stakeholder engagement, field visits, talks and connections**



Team Meeting with ICLEI, Brazil Climate Center and Nicole Lombardo (Google EIE engineer) to discuss differences found in the EIE tool and Brazilian reality. It identified necessary adaptations in the EIE calculation methodology, such as the ethanol blend on gas, inbound or outbound routes and city to city local differences. An initial idea was discussed of how to adjust the platform to Brazilian cities and to make feasible the insertion of local data.



Alongside with the project's implementation, ICLEI has promoted benchmarking sessions among the organizations and ICLEI Staff, aiming to promote networking, main barriers, lessons learned and knowledge sharing.



High engagement and visibility in Porto Alegre. The mayor and secretaries made two site visits to the public schools in the vulnerable neighborhood Morro da Cruz, with high media and local repercussions. Based on the potential impacts and results expected from the project, the city is currently studying forms to finance the expansion of the PV and biodigester technologies to all local public schools, counting on ICLEI's support on its advocacy.

Projects Overview 04



Morro da Cruz Circular

Interventions based on a participatory approach for circular economy and renewable energy actions in two municipal schools and Gaucho Traditions Center, located in the vulnerable neighborhood Morro da Cruz

- **Organization:** Center of Urban Intelligence of Porto Alegre (CIUPOA)
- **Location:** Porto Alegre
- **Expected conclusion:** May/2022

Current phase: workshops with students, professors and the community for the development of the circular development vision.

Quick facts

- 60% of the work plan concluded
- 2100 people directly impacted (estimated)
- 1162 tCO₂e (lifetime avoided emissions)
- Photovoltaic system and biodigesters already installed on the rooftops



SOLAR - Sustainability for all

Remodelling of a community centre of the vulnerable community “29 de março”, in Curitiba. Based on local needs, the project applied a photovoltaic energy system, solar heating and LED public illumination.

- **Organization:** Ambiens Cooperative Society
- **Location:** Curitiba
- **Expected Conclusion:** March/2022

Current phase: finishing the community centre’s remodelling and application of the solar energy systems (photovoltaic and heating).

Quick facts

- 60% of the work plan concluded
- 350 people directly impacted
- 44,28 tCO₂e avoided CO₂ emissions



Curitiba's Climate Change Panel

This proposal aims to develop a public panel that allows the monitoring of indicators related to climate change, as well as deep analysis about the phenomena in Curitiba

- **Organization:** SENAI Curitiba
- **Location:** Curitiba
- **Expected conclusion:** March/2022

Current phase: workshops with students, professors and the community for the development of the circular development vision.

Quick facts

- 60% of the work plan concluded
- 60 people directly impacted
- Public online platform available in a beta version

Electrification of the Public Transportation in Porto Alegre

Development of indicators and analysis to support the energy transition for the public transportation in Porto Alegre, aiming for its electrification.

- **Organization:** Brazil Climate Center
- **Location:** Curitiba
- **Expected conclusion:** March/2022

Current phase: Application of questionnaires for public consultation and the development of different scenarios considering electrification and its potential impacts.

Quick facts

- 80% of the work plan concluded
- 500 people directly impacted
- 316321 tCO2e avoided emissions (potential - in case the study is applied)
- In direct contact with the local government for data exchange

Current phase: Application of questionnaires for public consultation and the development of different scenarios considering electrification and its potential impacts.

Media engagement and Events

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Picture's link

Between April and July, a series of eight posts of the Action Fund Brazil's projects was promoted in ICLEI's social media. With the objective of disseminating the current status of Action Fund and reinforcing the projects, **6072 people were directly reached.**

Events

Innovate4Cities - UN Habitat, GCoM and IPCC

Panel organized in partnership with ICLEI Mexican and Caribbean Secretariat to bring a Latin-American perspective to the use of climate data, via Google EIE, by civil society and local governments by showcasing the Action Fund Projects. The event gathered three regional offices of ICLEI, Google.org, the six organizations and two city practitioners (Porto Alegre, Brazil and Santa Catarina, Mexico).

Urban Circuit - UN Habitat

In October, 2 panels were conducted by the Action Fund's local organizations of Curitiba in the event "Circuito Urbano", promoted by UN Habitat. They presented and discussed themes related to their projects' objectives and impacts. The panels were online and open to the public, and speakers were projects' stakeholders (community leaders, ICLEI, local government, technicians, universities.)

Curitiba - Field Visit and Preliminary Results Presencial Meeting

A field visit together with the local government and community representatives is estimated for early february/22. Similar to the event in Porto Alegre, we aim to check the installations and certify the appropriation of the project and its results by the local government, stressing its fundamental importance to the implementation of local climate action.