

The CALAC+ Programme Climate and Clean Air in Latin American Cities PLUS



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Embassy of Switzerland in Peru

Regional Hub Lima SDC

An alliance between cities.

What is good for the air is good for the climate

Chile, Colombia, Peru and Mexico

Theme

Clean Air and Climate Change Mitigation.

Partners

The programme is implemented by SWISSCONTACT in coordination with ministries of environment and of transport, public transport management bodies, and private transport sector entities.

General Information

The transport sector in Latin America is one of the main sources of greenhouse gas (GHG) emissions, the first cause of black carbon release, and has a negative effect on health and climate.

Public authorities are redoubling their efforts in the design, adoption, and implementation of strategies for integrated, low GHG and soot-emitting public transport systems and cleaner non-road mobile machinery (NRMM).

Project objective

To reduce harmful air pollutants and greenhouse gas emissions in Latin American capitals by clean and soot-free engine technologies in urban public transport and non-road mobile machinery to mitigate climate change and protect human health.

Beneficiaries

The urban population of Bogotá, Lima, Mexico City, and Santiago de Chile (approximately 34 million inhabitants). To a lesser extent, it will benefit the urban populations of other cities in the 4 partner countries, as well as Quito, Cuenca, and La Paz.

Budget

Total: SDC CHF 6'050'000

Duration

Phase 1: March 2018 - July 2021

Phase 2: August 2021 - July 2025



Despite increased political will and progress in recent years, the transport sector in Latin America remains a major source of GHG emissions and the main cause of black carbon release, contributing to both climate change and air pollution, causing detrimental health impacts. Latin American countries continue to face many challenges, such as poor fuel quality, old bus technology and high soot emissions from non-road mobile machinery (NRMM), as being used in the construction sector.

CALAC+ is implemented by Swisscontact and supports its partner countries in developing and implementing ambitious air quality management plans and policies, focusing on urban public transport and NRMM and with direct interventions in Chile, Colombia, Mexico, and Peru.

Phase 2 of the **Climate and Clean Air in Latin American Cities - Plus Programme** (Clima y Aire Limpio en Ciudades de América Latina, CALAC+2) will support the consolidation and implementation of local and national measures to reduce air pollutant and greenhouse gas (GHG) emissions from urban transport and NRMM, to protect climate and human health. CALAC+2 will promote policy and technological changes through regional cooperation, building on Swiss experience, and share the programme's experience globally.

The programme will ensure the sustainability of its results on two fronts:

Institutional: empowering local actors by strengthening their technical capacities; ensuring that capacity building is geared towards ownership and responsibility for implementation, seeking their commitment to implement the standards on which they are based; incorporating pollution reduction measures into plans and regulations.

Financing: securing funding for the necessary technology investments in cleaner buses and MRMMs by improving access to finance for the introduction of cleaner technologies and exploring financial schemes to secure investment in cleaner buses and MRMMs that can be taken up by government and private sector actors.

CALAC+ 2 again offers an excellent opportunity to share global, regional, and Swiss experiences, in particular regarding the development of public policies for air quality management, the regulation and enforcement of improved emission standards for buses and NRMM, the regulation of diesel particulate filters, as well as the introduction of new engine technologies. In line with global and regional linkages, CALAC+ will intensify its engagement with the Climate and Clean Air Coalition (CCAC). Switzerland, the four CALAC+ partner countries, as well as Swisscontact are all CCAC partners.

The Programme supports the achievement of several of the Sustainable Development Goals (SDGs) contained in the 2030 Agenda, in particular SDGs 3 (good health and well-being), 7 (affordable and clean energy), 11 (sustainable cities and communities), and 13 (climate action).

Intervention strategy

The second phase of CALAC+ will continue with the dynamics achieved in the first phase, promoting in Chile, Colombia, Mexico, and Peru the design and implementation of urban transport measures, such as the introduction of clean urban buses and the creation of regulatory frameworks that introduce the use of MRMMs with cleaner technology that reduces emissions of air pollutants and greenhouse gases. This contribution is relevant and highly appreciated by the CALAC+ countries, as these four partner countries have decided to migrate in the medium term to cleaner technologies that not only significantly reduce the contribution to global warming, but also reduce the negative impact on health.

General objective

To reduce harmful air pollutants and greenhouse gas emissions in Latin American capitals by deploying soot-free clean engine technologies in urban public transport and non-road mobile machinery, to mitigate climate change and protect human health.

Expected outcomes

Outcome 1 Cleaner urban transport

Emissions of ultrafine particles, black carbon, and greenhouse gases from the public transport system are significantly and sustainably reduced.

Outcome 2 Public policy incubator for non-road mobile machinery

Proposed policies and regulatory frameworks for the reduction of emissions of ultra-fine particulate matter, black carbon, and greenhouse gases from non-road mobile machinery in urban areas are implemented.

Outcome 3 Regional and global cooperation

Proven cost-effective policies, actions, and technologies are systematised and shared at regional and global levels.

CONTACT

Swiss Agency for Development and Cooperation SDC
Climate, Disaster Risk Reduction and the Environment Section
Regional Hub Lima SDC

www.cooperacionsuiza.pe/cosude
lima.sdc@eda.admin.ch

Rafael Millán
Regional Programme Officer
rafael.millan@eda.admin.ch

Visite: <https://programacalac.com>