

# The CALAC+2 Programme Climate and Clean Air in Latin American Cities PLUS 2



Schweizerische Eidgenossenschaft  
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Swiss Confederation

Swiss Agency for Development  
and Cooperation SDC

An alliance between cities. What is good for the air is good for the climate

Chile, Colombia, Peru and Mexico

## Theme

Climate change mitigation

## Partners

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

## General information

The transport sector in Latin America is a major source of greenhouse gas (GHG) emissions and the prime cause of black carbon release, and has a negative effect on health and the climate. Public authorities are redoubling their efforts in designing, adopting and applying strategies for public transport systems that are integrated and low in GHG and soot emissions, and for cleaner non-road mobile machinery (NRMM).

## Project objective

To reduce harmful air pollutants and greenhouse gas emissions in Latin American capitals through the use of clean, 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 Bogota, Lima, Mexico City and Santiago de Chile (about 34 million inhabitants). To a lesser extent, it will benefit 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



**The transport sector in Latin America – despite increased political will and the progress of recent years – continues to be one of the main sources of GHG emissions and the main cause of black carbon release, contributing both to climate change and to air pollution, with detrimental health impacts. Latin American countries still face many challenges, such as poor fuel quality, old bus technology and high soot emissions from non-road mobile machinery (NRMM), such as that used in construction.**

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

**Phase 2 of the Climate and Clean Air in Latin American Cities Plus Programme (CALAC+2)** will support the consolidation and implementation of local and national measures to reduce emissions of air pollutants and greenhouse gases (GHG) from urban transport and non-road mobile machinery to protect the climate and human health. CALAC+2 will foster normative and technological changes through regional cooperation, building on Swiss expertise, and share the programme's experience at the global level. The programme will ensure that its results are sustainable on two fronts:

**Institutional:** empowering local actors through the strengthening of their technical capacities; ensuring that capacity-building is geared towards ownership and responsibility for implementation, seeking commitments from them to implement the standards they build on; incorporating pollution reduction measures in plans and regulations.

**Financing:** ensuring that funding can be secured for the required investments in cleaner bus and NRMM technology, by enhancing access to finance for the introduction of cleaner technologies; and by exploring financial schemes for the acquisition of buses and NRMM that can be taken on by government and private sector actors to secure investments.

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

The Programme supports the achievement of several of the Sustainable Development Goals (SDGs) enshrined 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 construction of regulatory frameworks that introduce the use of NRMM with cleaner technology that reduces emissions of air pollutants and greenhouse gases. This contribution is relevant and highly appreciated by the CALAC+ countries, as in the medium term all of these four partner countries have decided to migrate 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 through the deployment of clean soot-free engine technologies in urban public transport and non-road mobile machinery to mitigate climate change and to 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 policies, actions and cost-effective technologies are systematised and shared at regional and global level.

## CONTACT

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