



GHG Inventory Mitigation 2010-2015

CLIMATE CHANGE ACTION PLAN - BUENOS AIRES 2010-2030

agenciaambiental.gov.ar   /BACiudadVerde



Buenos
Aires
Ciudad



EN TODO
ESTÁS VOS

GREENHOUSE GASES INVENTORY

The Greenhouse Gases (GHG) Inventory is a tool to identify the most relevant sectors regarding tonnes of emitted CO₂ equivalent, when quantifying the various activities of an area. Taking into consideration the technical accuracy involved, the inventory requires a constant updating and methodological review. Buenos Aires City has a GHG inventory covering the period 2000 - 2013; in the last year, emissions were estimated in 11.7 million tonnes of CO_{2eq}.

Scope 1

All direct emissions from sources within the city boundary



Scope 2

Energy-related indirect emissions from the use of grid-supplied energy



Scope 3

All other indirect emissions



Buenos Aires City total emissions by sector (2013)



In line with international efforts, the City is working on the methodological calculation review of its dynamic inventory. Buenos Aires seeks to comply with the standards set in the international protocol GHG measurement methodology for cities (GPC - Global Protocol for Community Scale GHG Emissions Inventories), which was officially launched in Lima last COP 20, in December 2014. The process will enable governments to keep track of local emissions in a comparable way among cities, as well as to set a reduction target.

However, during the period 2010-2015 the government implemented various actions and mitigation projects in different sectors of the City, which will reduce an estimated amount of 320 thousand tonnes of CO_{2eq} in 2015, and are presented as follow.

ENERGY

Avoided emissions
in 2015 due to
implemented actions
in the sector
100,000 t CO_{2eq}



GOAL 2015



Street lighting

91.000 street bulbs and **100%** traffic lights with LED technology.



Public buildings

100% of public building typologies analyzed and monitored for energy consumption patterns.

Renewable energy incorporation.

Implementation of integrated plans for energy efficiency in schools.

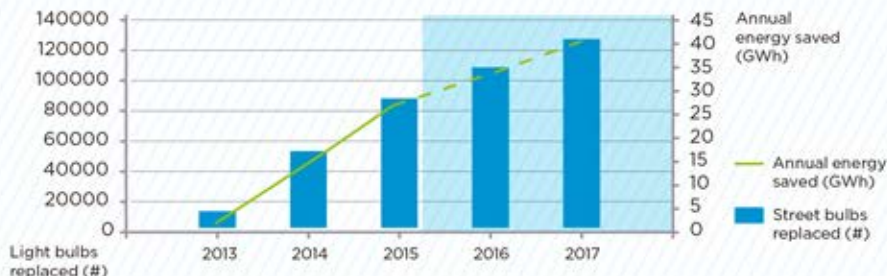


Residential, commercial and industrial sector

More than **100 companies** participating in the Cleaner Production Program.

Sustainable Construction and Energy Efficiency training programs.

LED REPLACEMENT IN STREET LIGHTING



TRANSPORT

Avoided emissions
in 2015 due to
implemented actions
in the sector
164,000 t CO_{2eq}



GOAL 2015



Public Transport

55,5km BRT lane extension.
54,5km subway path extension.



Healthy / Sustainable Mobility

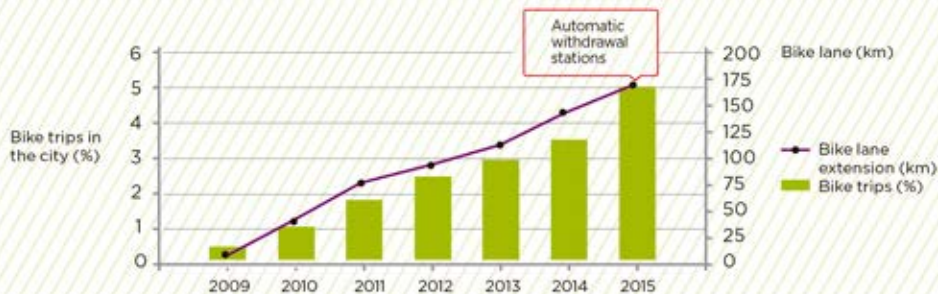
160km bike lane extension.
200 automatic stations for public bikes withdrawal.
Pedestrian priority area extension.



Awareness

Sustainable mobility training included in driver's licence exam.
Road traffic safety awareness in schools.

BIKE TRIPS EVOLUTION IN THE CITY



WASTE MANAGEMENT

Avoided emissions
in 2015 due to
implemented actions
in the sector
56,000 t CO_{2eq}



GOAL 2015



Treatment and management of municipal solid waste

52% reduction of the generated waste in 2013.

100% of the city provided with containers.

1.100 tonnes/day treated in the mechanical biological treatment plant.

32 green points for recyclable items disposal.

Inauguration of the Recycling Center in Villa Soldati.

Improvements in the green classification centres.



Awareness

Buenos Aires Composting program.

Training in source separation of waste.

WASTE DISPOSAL REDUCTION TARGET IN LANDFILL



Authorities

Buenos Aires City Government

Mauricio Macri

Mayor

Horacio Rodríguez Larreta

Chief of Executive Cabinet

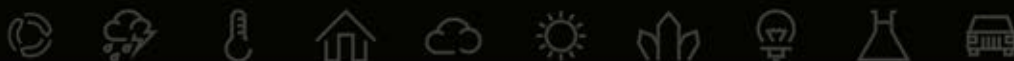
Edgardo Cenzón

Minister of Environment and Public Space

Juan Carlos Villalonga

President of the Environmental Protection Agency

www.buenosaires.gov.ar/agenciaambiental/cambioclimatico



buenosaires.gov.ar   /gcba