

# *APEC designates San Borja as a "Low-Carbon Model Town"*

On November 18, 2013, in the city of DA NANG - VIET NAM, San Borja was officially designated as a "Low-Carbon Model Town" by the APEC Forum, becoming the first Latin American city and the fourth in the world to implement the low carbon city project.

In 2014, the Sustainability and Climate Resilience Consultant at Hitachi Consulting of the Asia Pacific Economic Cooperation - APEC, prepared the "Final Report: Low Carbon Model Town (LCMT) Project Phase 4 Feasibility Study", which was officially presented and delivered to the district in December of the same year.

The Municipality of San Borja, in compliance with the recommendations of the aforementioned report, assumes the goal of reducing carbon emissions by 85% by 2035.

For which the work plan for a sustainable city approved by MAYOR'S DECREE N° 010 - 2017 - MSB - A, December 27, 2017 is prepared.



Designación de APEC  
San Borja: Ciudad Modelo de  
Baja Emisión de Carbono  
**2014**

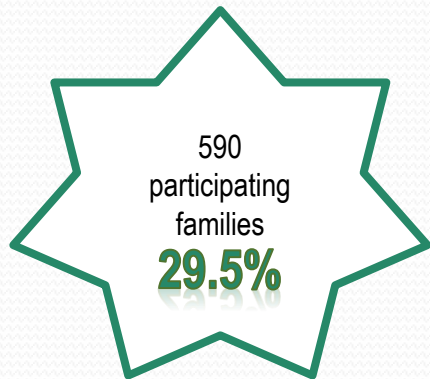


# Green SAN BORJA

Target for the year 2035: Implement 12 urban bio-gardens (one in each sector) in the district, benefiting 2,000 families.

## ACTIVITY

Project for  
Implementation of Bio-gardens



## ADVANCE TO 2021

5

- Bio-garden BOULEVARD II
- Bio-garden LIMATAMBO
- Bio-garden KALLPAWASI
- Bio-garden MALVINAS
- Bio-garden BOULEVARD I

# IMPLEMENTATION OF URBAN BIO-GARDENS



**Bio-garden Boulevard I**



**Bio-garden Boulevard II**



**Bio-garden Limatambo**



**Bio-garden Kallpa Wasi**



**Bio-garden Malvinas**

# SUSTAINABLE MOBILITY

Target for the year 2035: **“Muévete en Bici” (Move by bike)** connected with Surco, Surquillo and San Isidro

## ACTIVITY

Interdistrict connection



## ADVANCE TO 2021

**3**

- SURCO
- SURQUILLO
- SAN ISIDRO

# SUSTAINABLE MOBILITY

Target for the year 2035: 50 KM OF BIKE LANES WITHIN SAN BORJA

## ACTIVITY

50 KM of bike lanes

## ADVANCE TO 2021

53 KM

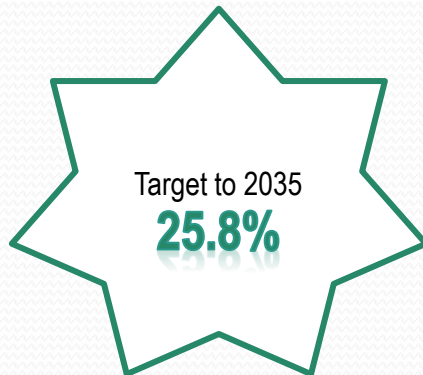


# SUSTAINABLE MOBILITY

Target for the year 2035: 4 025 **MT CO2** AVOIDED

## ACTIVITY

**INCREASE OF USERS  
AND BICYCLE LANES**



## ADVANCE TO 2021

**1039 TM CO2 eq**



Source: Municipal Thematic Observatory - OMT

# ENERGY PLANNING

Target for the year 2035: DISSEMINATING AND PROMOTING THE USE OF ALTERNATIVE ENERGIES - 66500 PEOPLE SENSITIZED

## ACTIVITY

SENSITIZATION



## ADVANCE TO 2021

**20 000**  
SENSITIZED

DISSEMINATING AND PROMOTING THE EFFICIENT  
USE OF ALTERNATIVE ENERGIES



**KALLPA  
WAS—•**  
Casa de las  
energías

  
**San  
Borja**  
ACTITUD

# ENERGY PLANNING

DISSEMINATING AND PROMOTING THE EFFICIENT USE OF ALTERNATIVE ENERGIES



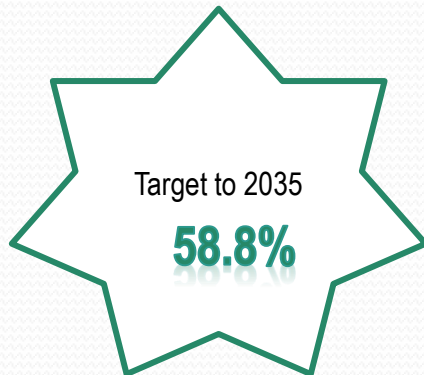


# ENERGY PLANNING

Target for the year 2035: More than 1 **MT CO2** avoided per year and a production of 456 MT organic fertilizer.

## ACTIVITY

Organic fertilizer production  
per year



## ADVANCE TO 2021

268 tons  
of compost produced  
per year

Total of 11 tons CO2

# SAN BORJA RECYCLES

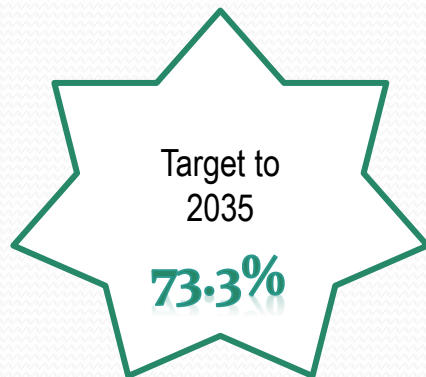
Target for the year 2035: 150 UNDERGROUND CONTAINERS

## ACTIVITY

INVESTMENT PROJECT FOR THE  
IMPLEMENTATION OF CONTAINERS

ADVANCE TO  
2021

110 underground  
containers



# SAN BORJA RECYCLES

## Implementation of fixed and mobile points



Mobile points tour the district's parks



Fixed points placed in strategic locations where most of the housing complexes are located..

# SAN BORJA RECYCLES

Target for the year 2035: That 80% of the collection of the San Borja Recycles program is recyclable material.

## ACTIVITY

### SELECTIVE COLLECTION OF SOLID WASTE



## ADVANCE TO 2021

NON-RECYCLABLE MATERIAL	54.58 TM
RECYCLABLE MATERIAL	606.86 TM
TOTAL MATERIAL COLLECTED	661.44 TM

**94.22 % recyclable material**

# SAN BORJA RECYCLES



# URBAN PLANNING - Green Streets

Target for the year 2035: **Small gardens** project and promotion of the Green Roof Program

## ACTIVITY

**Small gardens project and promotion of the Green Roof Program**



## ADVANCE TO 2021

1

Green roof Municipal Palace



# URBAN PLANNING - San Borja River Park

Target for the year 2035: Canalization Project of the Surco River

## ACTIVITY

Canalization Project of the Surco River

Target to 2035.

50 %

## ADVANCE TO 2021

1

Canalization, San Borja Norte Av. with Artes Norte Av.



# Eco-Efficient Design Eco-efficient Buildings

Target for the year 2035 : Promoting standards for sustainable construction

## ACTIVITY

THE AIM IS TO STRENGTHEN AND  
PROMOTE ECO-EFFICIENT  
CONSTRUCTION.



## ADVANCE TO 2021

50%

- 3 MUNICIPAL ORDINANCES
- 2 MAYORAL RESOLUTIONS



# ORDINANCE N° 496-MSB

"Creates the Green Building Promotion Program."

## Height bonus

Buildings that comply with this new green building system will obtain a building height bonus as an incentive.

Exceptionally they will be able to obtain a height of 12 stories, in the same way those located in special regulation zone 3 will obtain a maximum height of 8 stories.

This benefit does not exonerate the buildings from complying with the other urban parameters..



## Green building projects must meet minimum requirements:

- Free area of 20%.
- Side and rear setbacks must have
- 50 % destined to green areas
- Green roof
- Subway containers
- Sustainable building certification



## GREEN ROOFS

A new way of building has begun

NEW GREEN AREAS for the city from the private sector.

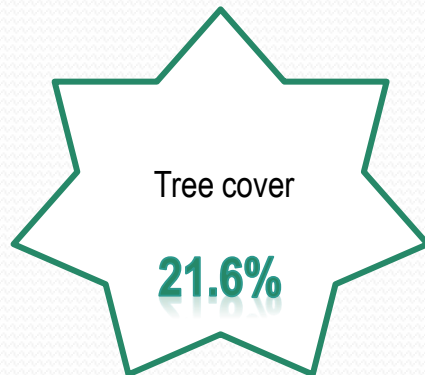
4,285.84 m<sup>2</sup> of new green areas have been generated, which will contribute to the better development and quality of life of the population, not only of San Borja but of the city of Lima in general.

# SAN BORJA URBAN GREEN

Target for the year 2035 : 100,000 TREES IN THE DISTRICT, REFLECTING A TREE COVER OF 25%.

## ACTIVITY

Development of the 2nd Georeferenced Forestry Inventory



## ADVANCE TO 2021

Existing trees  
86228



Tree planting in San Borja

# Tree planting in San Borja



# SAN BORJA URBAN GREEN

Target for the year 2035 : **MORE THAN 100,000 MT CO2 AVOIDED PER YEAR**

## ACTIVITY

Work plan for planting and maintenance of trees

## ADVANCE TO 2021

**38600**

**MT CO2 CAPTURED BY  
URBAN TREES**

MT CO2  
AVOIDED

**38.5 %**





MUNICIPALIDAD  
DE SAN BORJA