



Universidad del
Rosario

ENVIRONMENTAL MANAGEMENT SYSTEM

Air Program



CONTENT



About University

Planning EMS

Environmental Impacts

Air Program – Estrategies

Sinergy Air – Flora and Fauna

Conclusions

ABOUT UNIVERSITY



SEDE NORTE

1.800 students



3.000 students

SEDE QUINTA DE MUTIS



**UNIVERSITY HOSPITAL
MEDERI**

3.500 m2



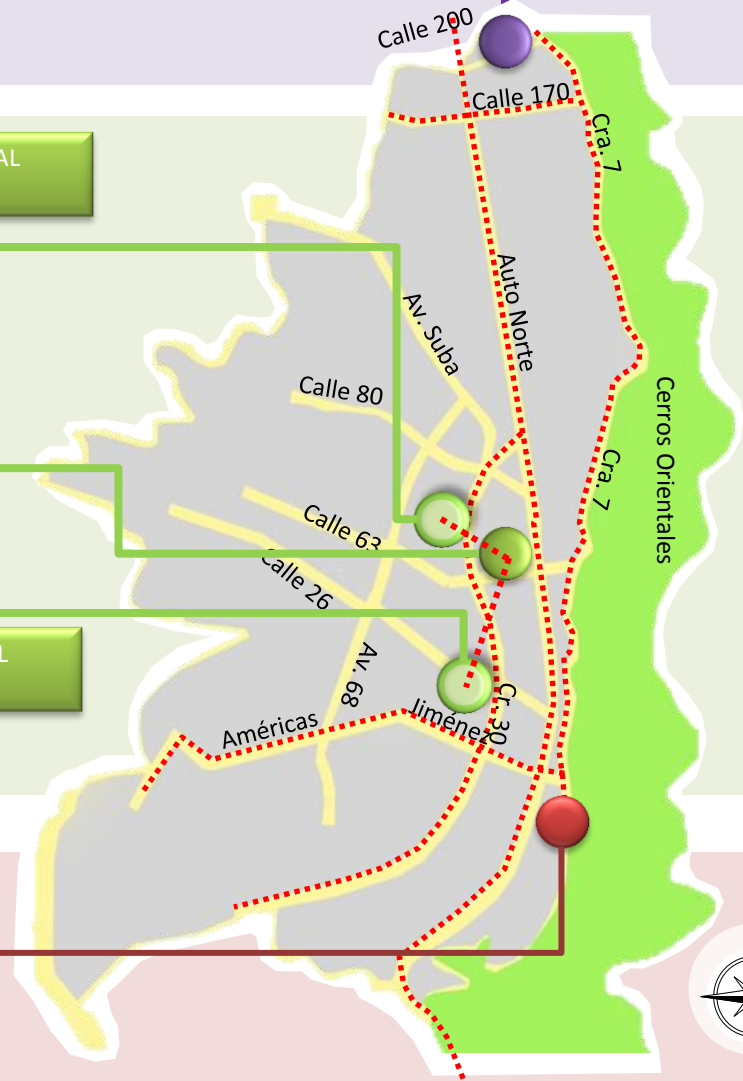
**UNIVERSITY HOSPITAL
BARRIOS UNIDOS**

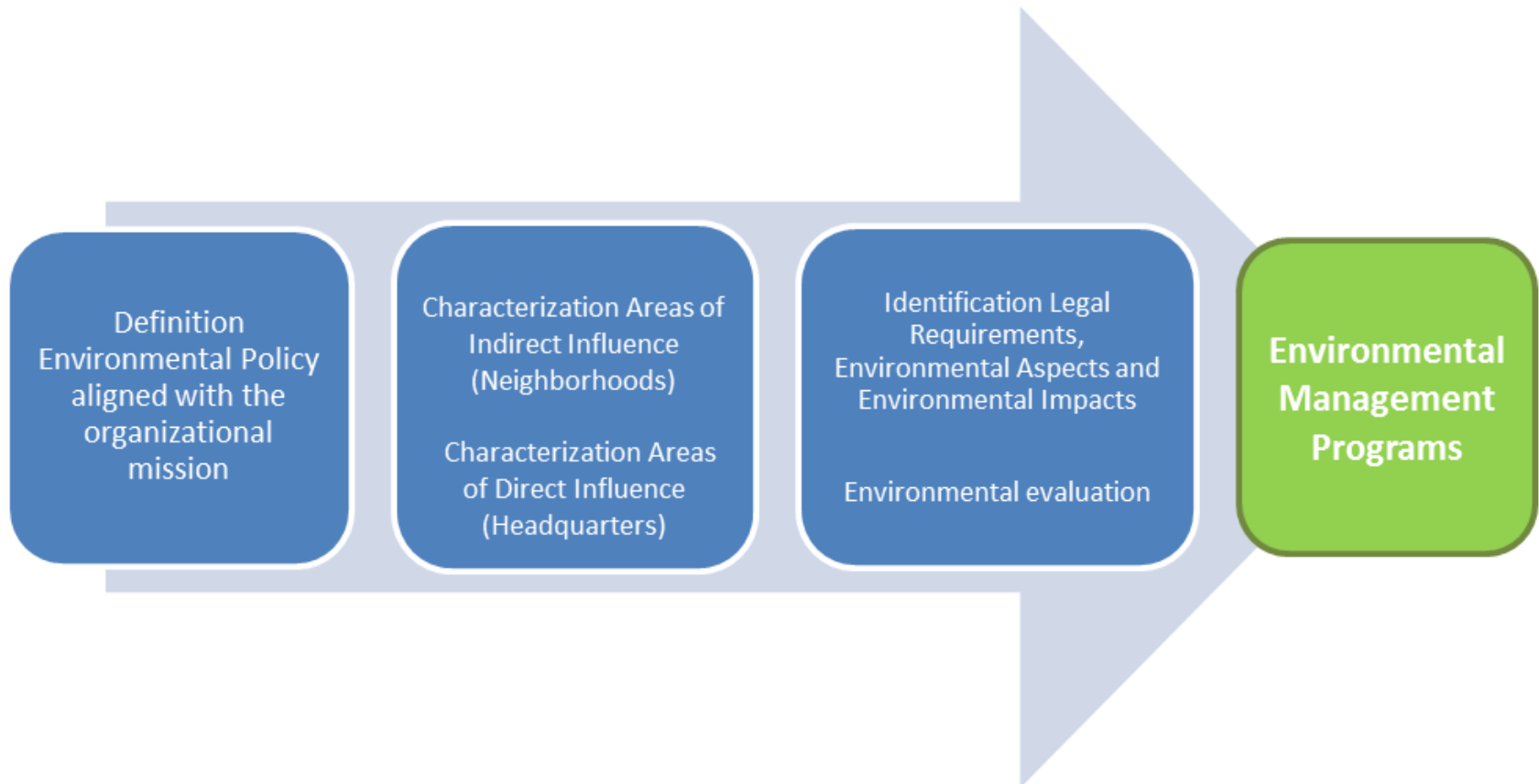
1.200 m2

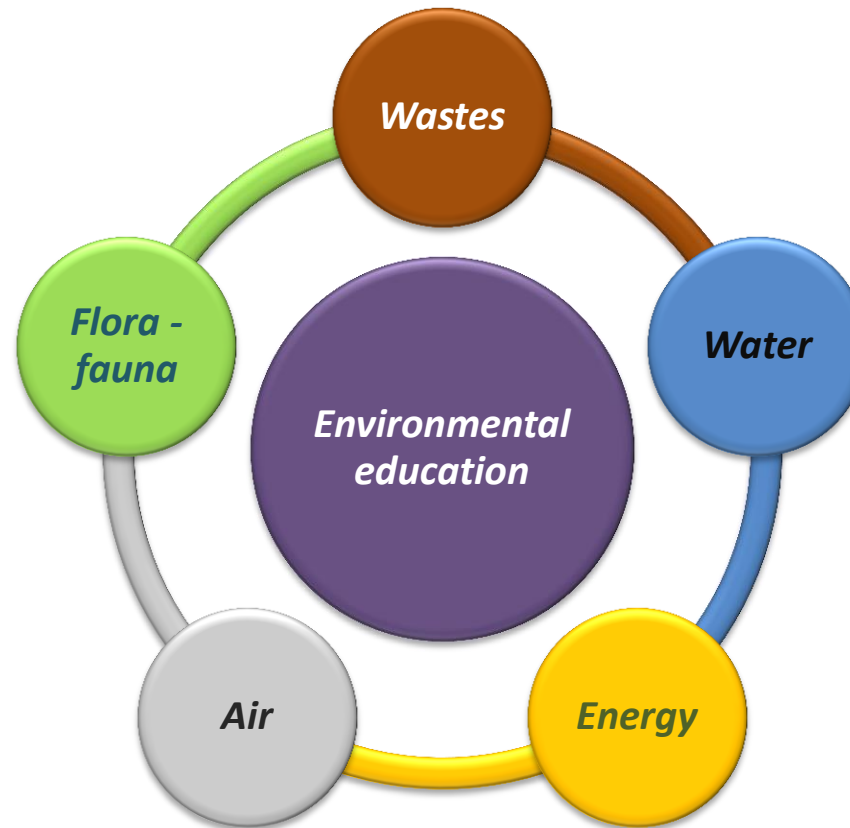


SEDE CLAUSTRO

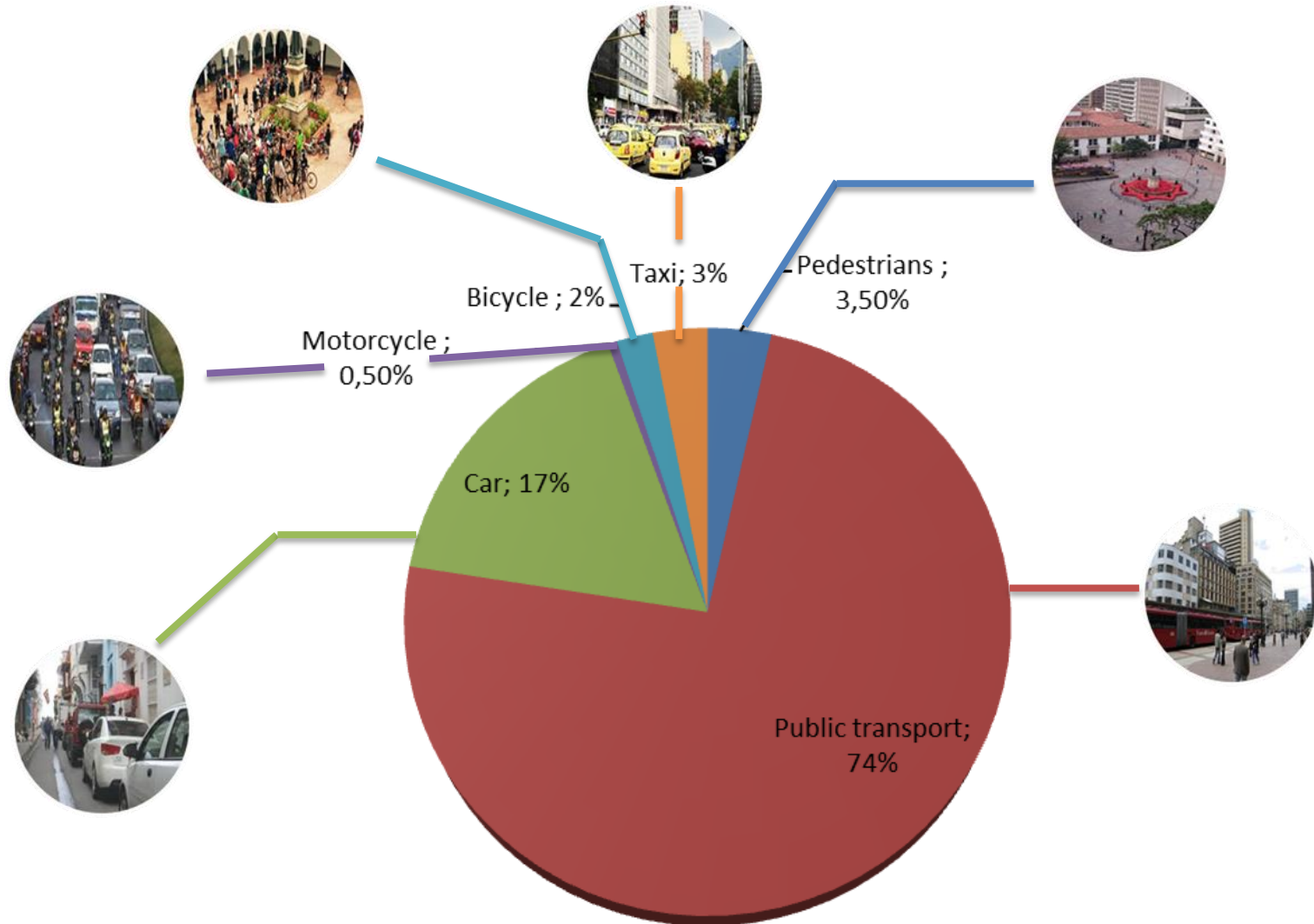
8.800 students







The objective of the air program is to implement strategies that seek to improve air quality in the areas of influence of the university by reducing the consumption of fuel and encouraging the local community to use alternative means of transportation such as walking, bicycles, carpooling, public transportation and reducing the use of private cars which are widely used in Bogotá.





0,154 Footprint



33,36 consumption fuel



4,60%



17,62 days per year



1. Infraestructure

January 2013 - 70 spaces



April 2012 - 50 spaces



February 2012 - 10 spaces



Group UR en bici



@URenbici



Infraestructure – Main campus (January 2016)



186 spaces





Infraestructure – complementary services

stretch
zone



Bike
Station



dashboard



dressing
rooms



Showers



hydration
points





Infraestructure – Quinta de Mutis (July 2016)





Infraestructure – Quinta de Mutis

Map of
bicycle
paths



Bike
Station



Dressing
rooms



Showers



Hydration
points



SEDE QUINTA



Caravans “UR en bici”

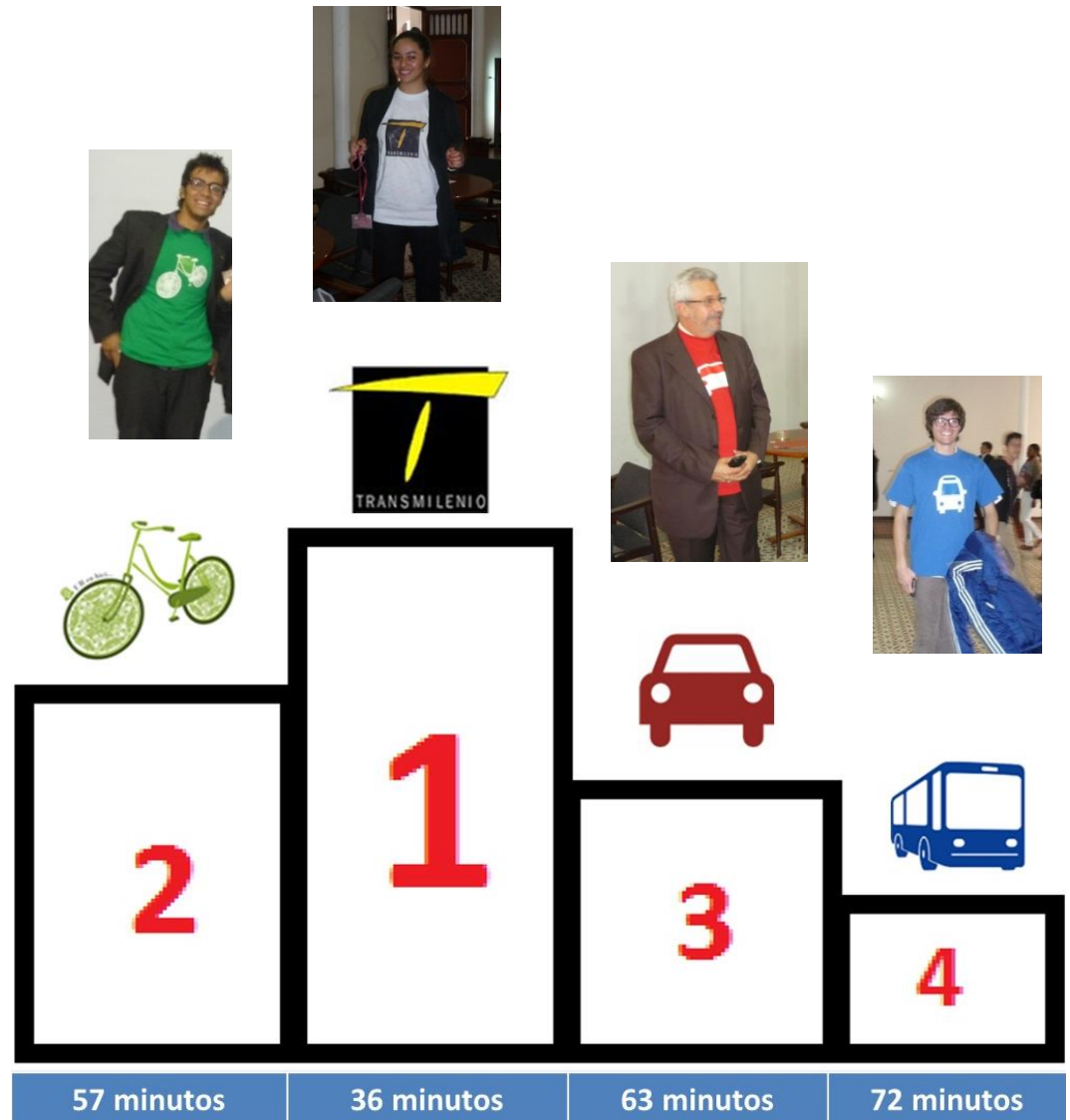




Transport Race



<https://vimeo.com/channels/cinemapvc/58682726>



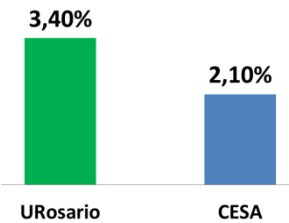
THE MOBILITY CHALLENGE



<https://youtu.be/R6gKKQVH1oM>

Jose Manuel Restrepo retweeted
Jose Manuel Restrepo @jrestrp · 16 h
Lo más valioso de este reto es que @urosarionews @CESA_edu se comprometieron a fortalecer la movilidad en bicicleta en Bogotá @mejoren bici

mejor en bici @mejoren bici
RESULTADOS #TeRetoAMoverte:
@urosarionews 3,4% (356 bicicletas)
@CESA_edu 2,1% (29 bicicletas)
Felicitamos a las Universidades x su aporte



SHARE BICYCLE SYSTEM



	Last month	Accumulated
 Número de viajes	▶ 986	6.856
 Distancia Recorrida Kilómetros	▶ 4.989	40.209
 Ahorro emisiones CO2 Kilogramos	▶ 1.164	6.094
 Ahorro de tiempo Días	▶ 18,83	130,93
 Ahorro de dinero Pesos	▶ 700 USD	6000 USD

Number of registered 1.404

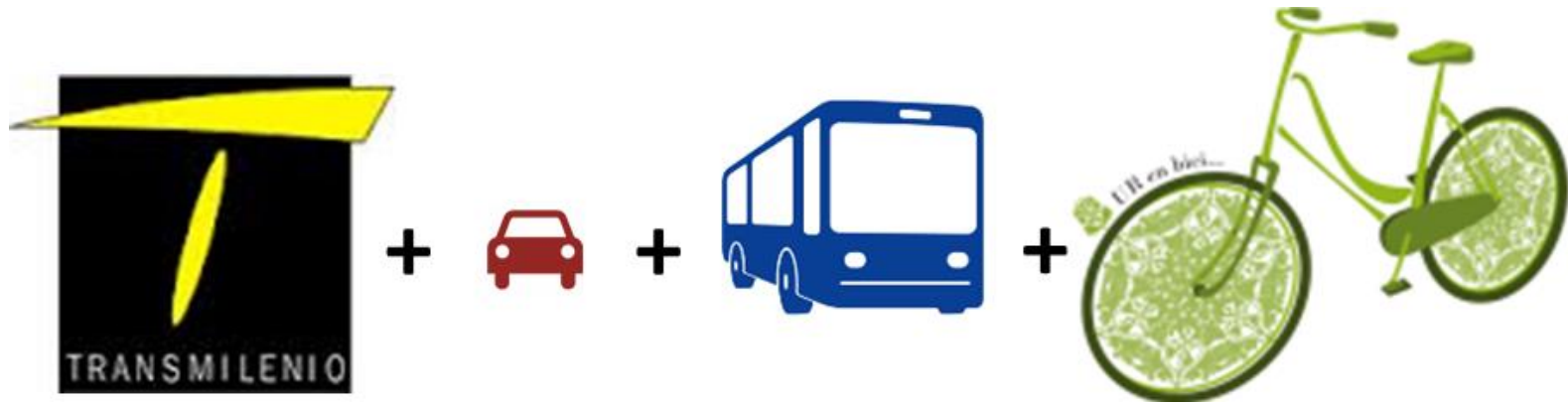




<http://www.movilidadbogota.gov.co/web/node/1880>



CONCLUSIONS







SINERGY AIR – FLORA AND FAUNA











SINERGY AIR – FLORA AND FAUNA









SUSTAINABILITY – EMS “For a Sustainable University”



Waste



Per Capita
production of
wastes

1,01

Kg/rosarista/mes,

53% Non-
Recyclable,
40% Recyclable,
7% Dangerous

14.000 USD
per year



Water



Per Capita
consumption of
water

300,4

L/rosarista/mes

9.000 USD
per year



Energy

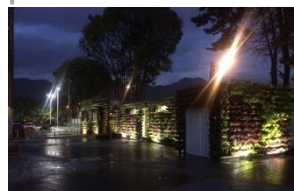
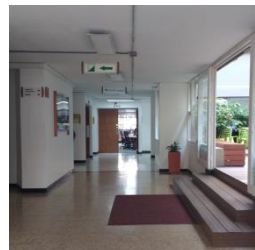


Per Capita
consumption of
energy

19,99

**Kw.h/rosarista/
mes**

22.000 USD
per year



Air



Footprints for
mobility



0,154 Ha Bosque



33,36 gal combustible



4,60%



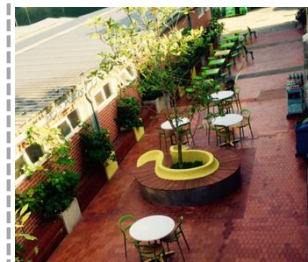
17,62 días al año



Flora- Fauna



Since 2013, about
8000 m2 of green
areas have been
intervened and
revitalized under
an
environmental,
social and
pedagogical
approach
permeated by the
Botanical
Expedition



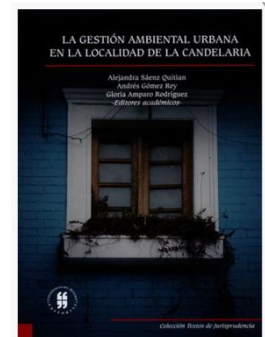
Education



Research in the UR
from the
implementation of
the EMS,
articulation of the
intervened spaces
with the academic
programs.

Creation
Scholarship
"Dream to be
Sustainable"

7000 USD / year



CONTACT

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