Participants:
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BOGOTÁ

URBAN **SUSTAINABILITY** – MOBILITY AND **PUBLIC SPACE**

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Location and General Facts

Colombian Flag

Colombia is located in the North part of South America and it has an estimated population of **48,786,100 inhabitants.**

It shares borders with **Venezuela, Ecuador, Perú, Brasil, Panamá and the Caribbean Sea at the north.**

It´s capital city is **Bogotá D.C.** which is located in the central part of the country , in the middle of Andes Mountains, **2600 meters above the sea level.**

Petrolium is Colombia´s main export (45%), followed by Coffee, Coal, Nickel, Emeralds and others.

Inhabitants: 8,9 million

Density: 17,768 inhabitants / Km2

BOGOTÁ D.C.

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Colombia´s Main Cities

BOGOTÁ D.C. – 8,9 million inhabitants

MEDELLÍN – 2,4 million inhabitants

SANTIAGO DE CALI – 2,3 million inhabitants

BARRANQUILLA – 2,3 million inhabitants

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What has happened in Bogotá in the last 20 years???

- Change in the political culture.

- Better Financial Management.

- Integration of different fields of knowledge regarding city management.

- Recovery and renewal of the different public spaces.

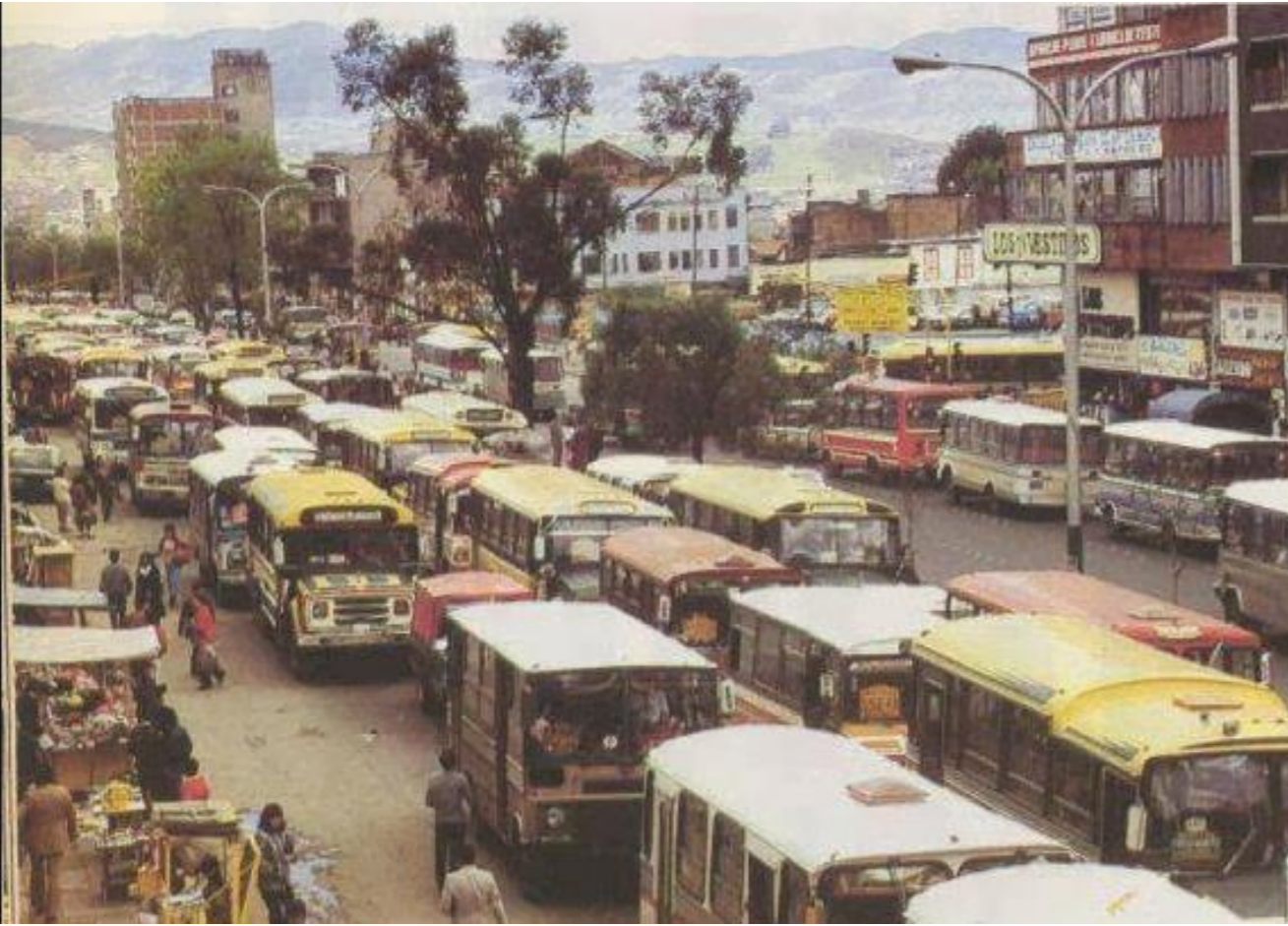- Investment in transport infraestructure and mobility strategies.

URBAN TRANSFORMATION

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PUBLIC SPACE REGENERATION PROJECTS

Before

Now

TRANSMILENIO - year 1999

BOGOTA

Before

SAN VICTORINO´S SQUARE

BOGOTA

Now

SAN VICTORINO´S SQUARE – year 2000

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Before and Now

Now

LA JIMENEZ ENVIRONMENTAL CORRIDOR

BOGOTA

Now
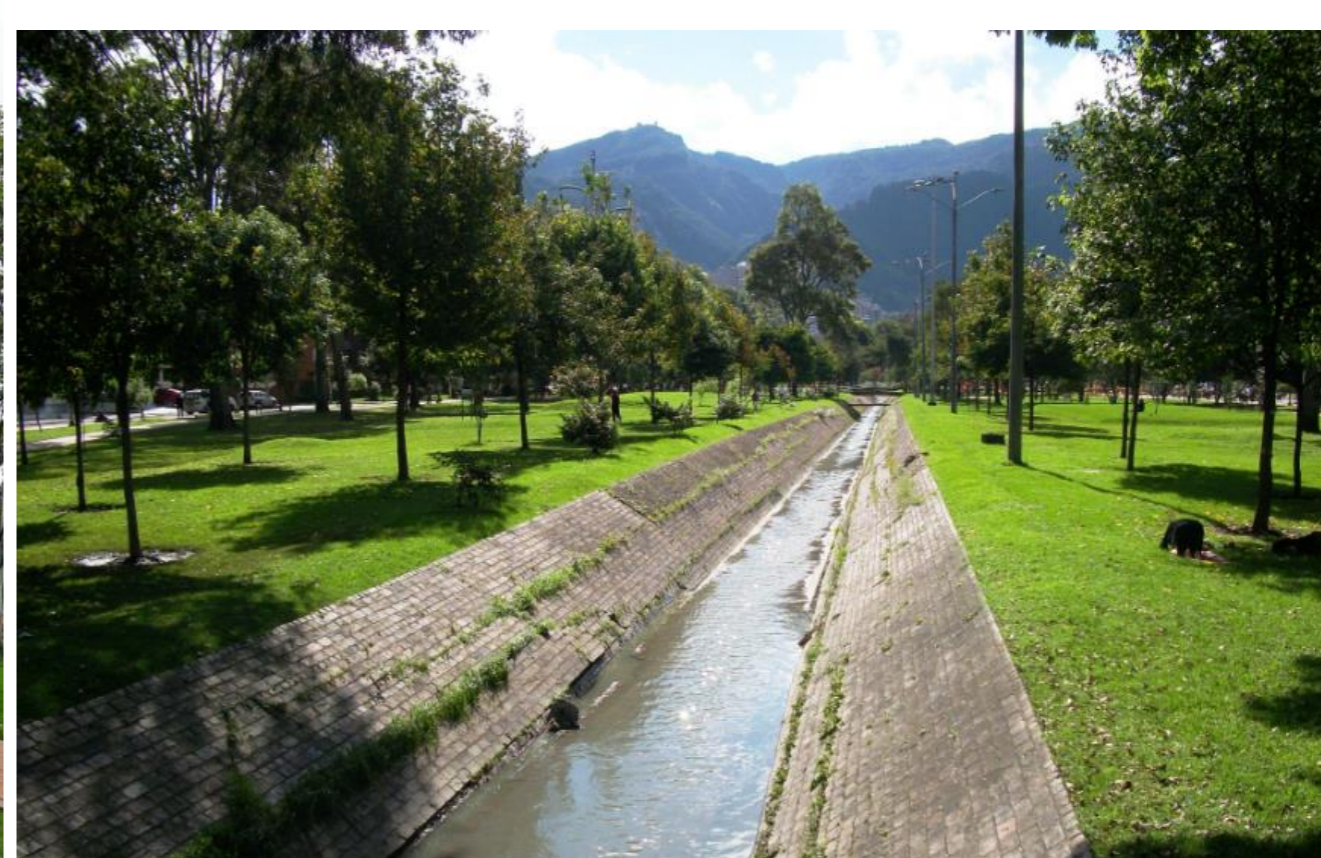
El VIRREY LINEAL PARK - year 1999

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Now

PARK OF 93 STREET- year 1995

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Parks Network

Bicycle Road Network

CONVENCIONES

- △ Parque Metropolitano administrado por el IDRD
- △ Parque Metropolitano administrado por otros
- ● Parque Zonal administrado por el IDRD
- ● Parque Zonal administrado por otros
- ☐ Escenario administrado por el IDRD
- ■ Escenario administrado por otros
- ◣ Parque Lineal administrado por el IDRD
- ◆ Parque Regional administrado por el IDRD

BOGOTÁ
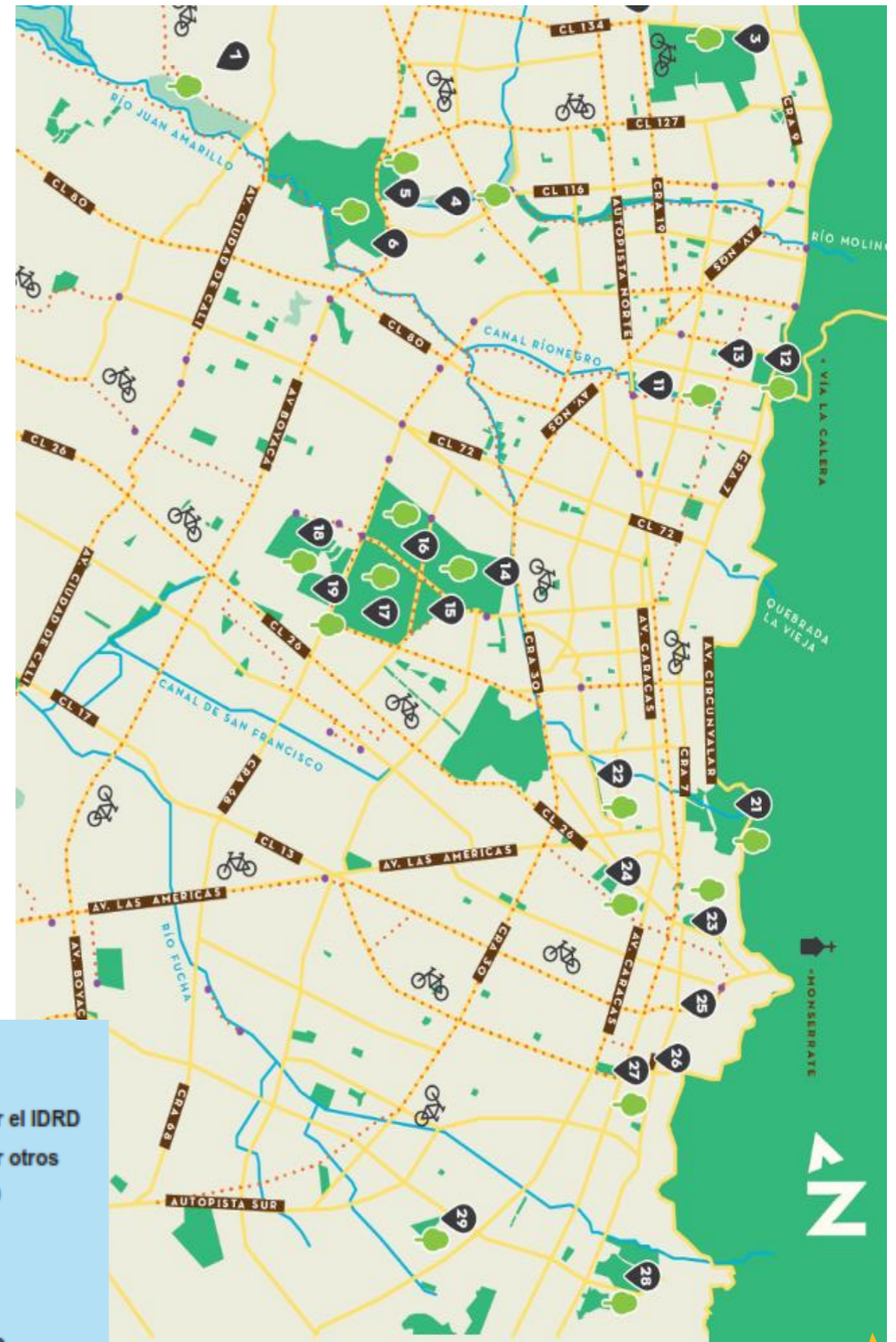
Public Space Infrastructure

Childrens Parks

Bicycle Road Network

Open air fitness Spots

Pedestrian Alleys

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Activities in the Public Parks

BOGOTA

Activities in the Public Parks

Activities in the Public Parks

Foto: Javier Egas 2009

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URBAN MOBILITY

Mobility overview

How we have expanded?…

How we move?…

Source: Urban Development Institute. 2014.

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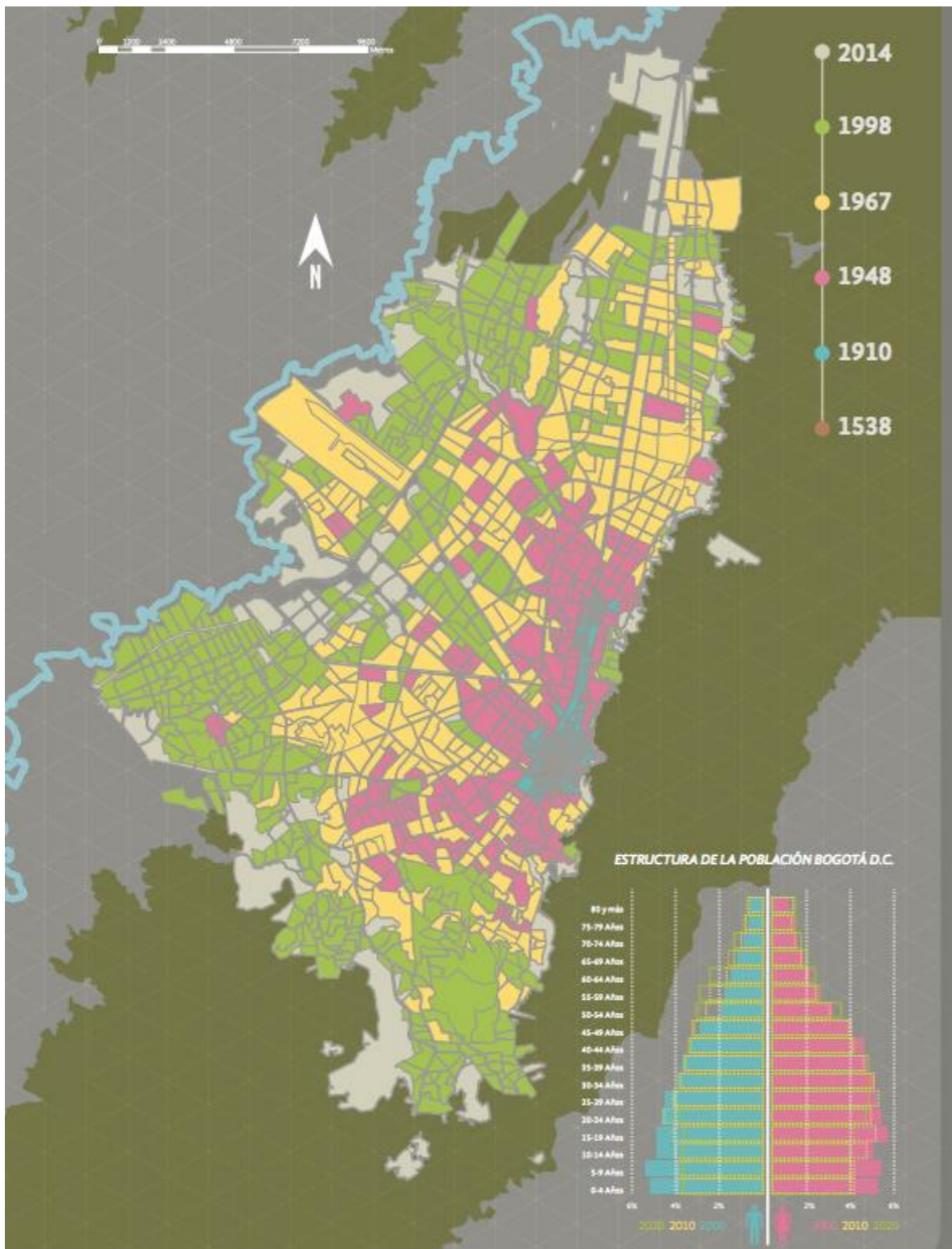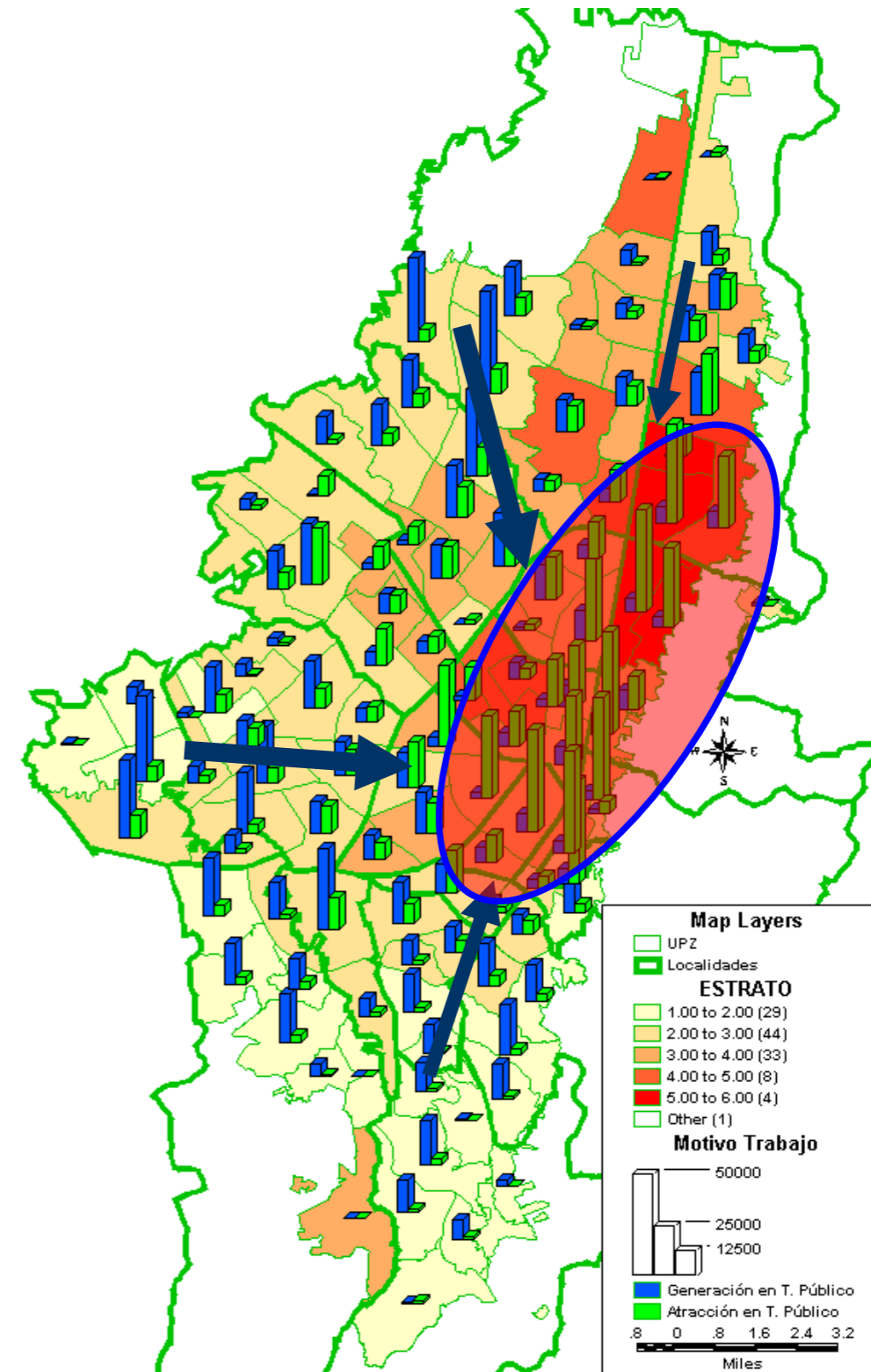
Mobility overview

How we move?…

Modal split in 2015

Pie chart values:

- Ilegal 97.310 — 1%
- Alimentador 221.646 — 1%
- Otros 95.165 — 1%
- Especial 663.196 — 4%
- Intermunicipal 185.482 — 1%
- Bicicleta 784.502 — 5,4%
- Taxi 719.202 — 4,9%
- Moto 819.135 — 5,6%
- Peatón 3.077.721 — 21,0%
- Auto 1.851.479 — 12,7%
- TPC-SITP 3.820.451 — 26,1%
- Transmilenio 2.289.894 — 15,7%
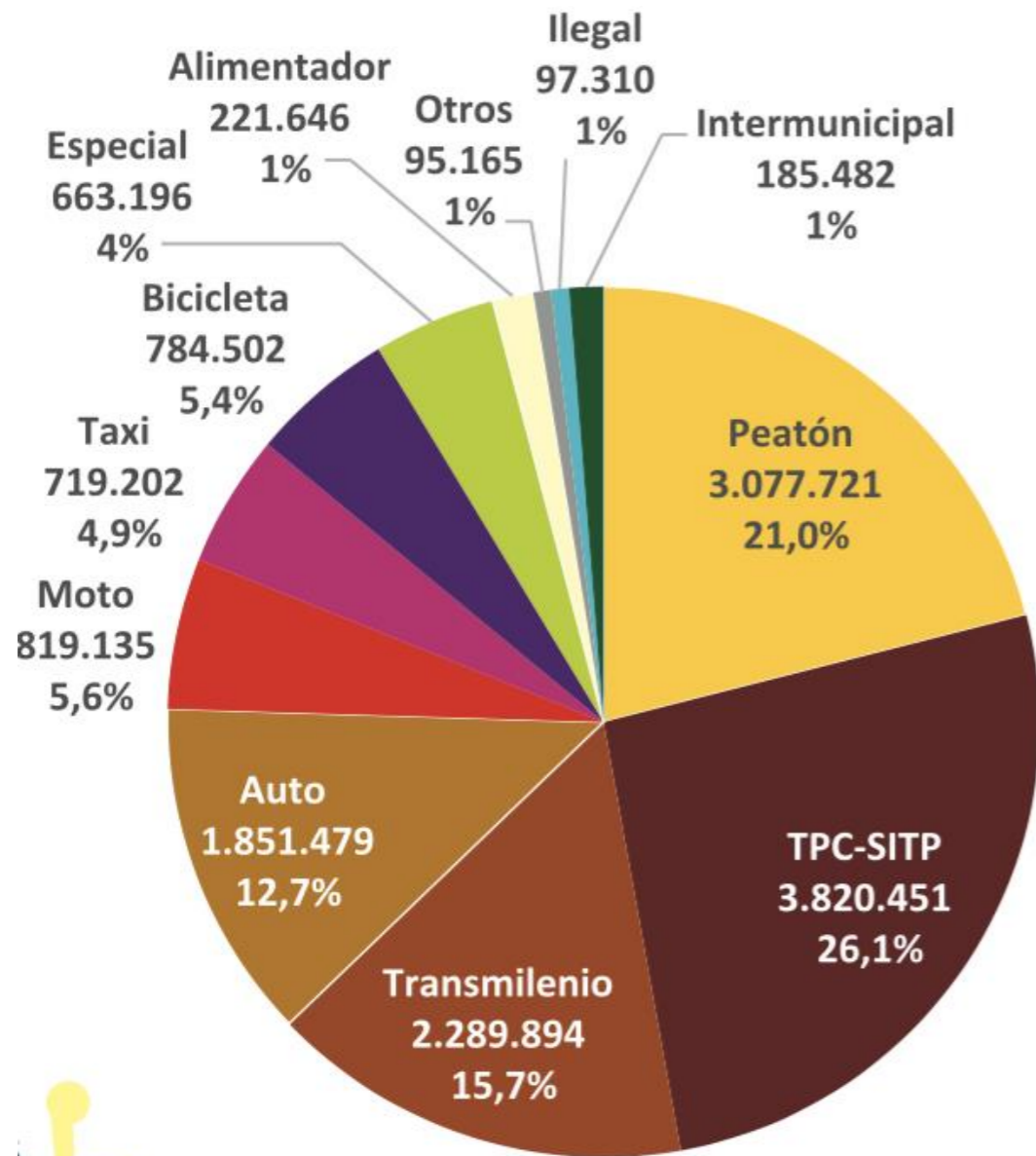
26,4%

Growing population of cyclists (half million trips per day),

47,7%

more than 6 million trips in public transit,

18,3%

18% use of individual motorized modes,
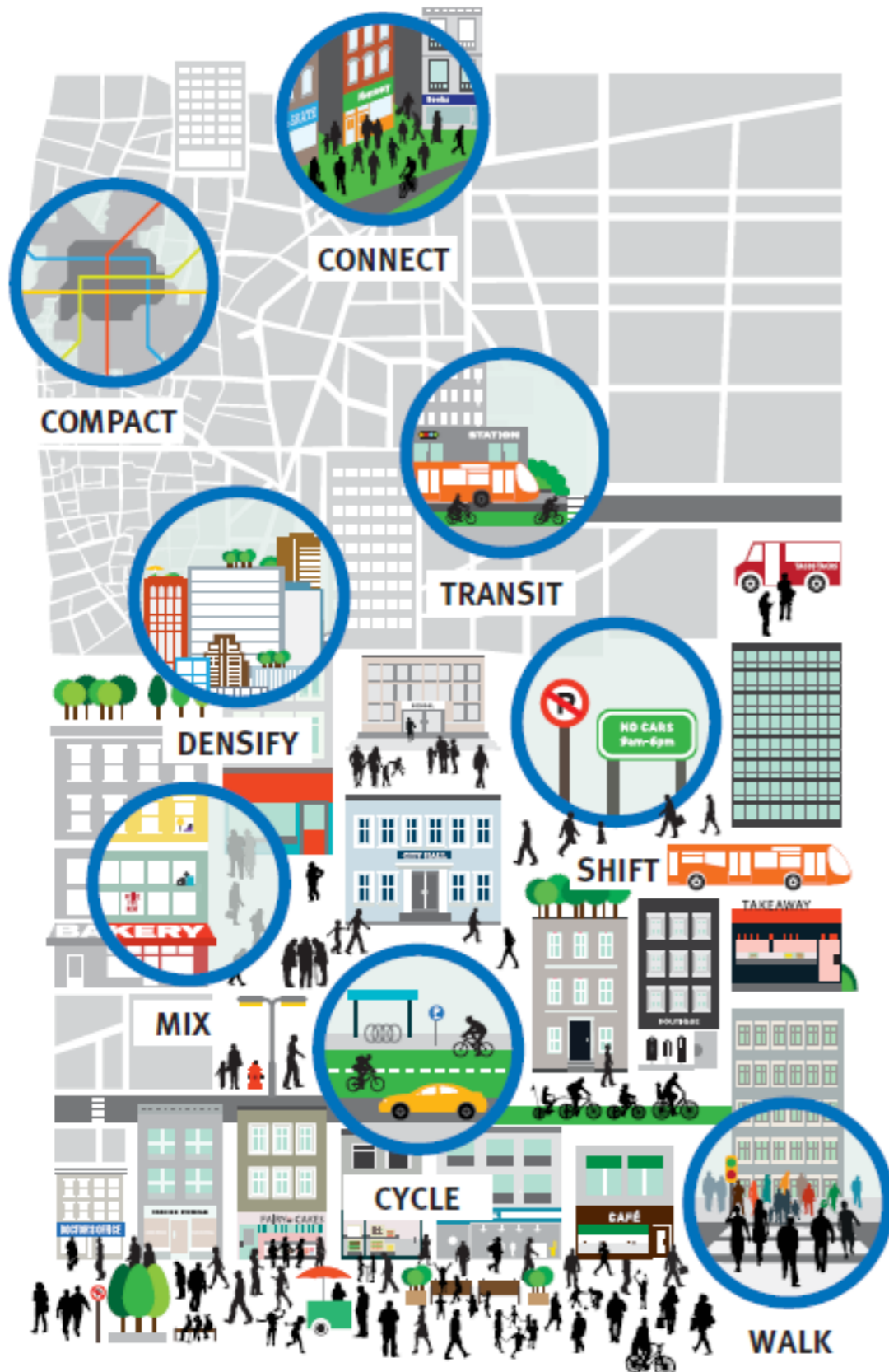
1,5 million cars, 400.000 motorcycles

Source: Mobility survey 2015. District Mobility Secretariat

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We had stablished our priorities…

Priority pyramid for transport projects

We had used tools: TOD Standars

The Sustainable Transport Oriented Development is an urban tool for planning and designing around the public transit that builds compact urban cells, high density and allows people to enjoy mixed uses, services, public space for the social integration.
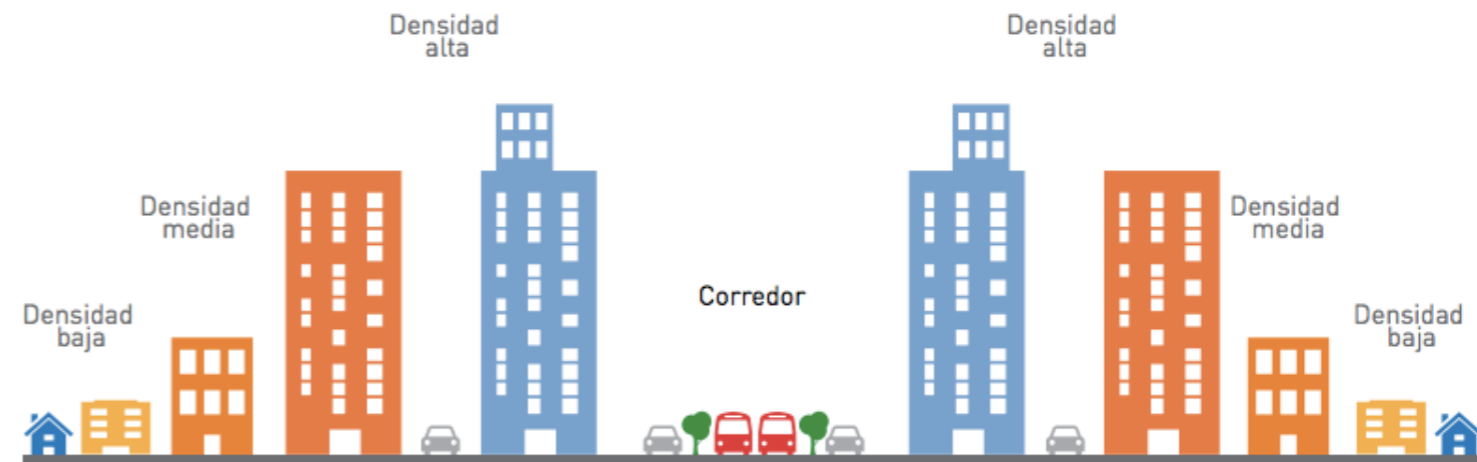

Figura 8. Ejes estructurantes de desarrollo urbano aledaño al transporte masivo en Curitiba.
Fuente: URBS Curitiba.

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We are committed to maintain the use of sustainable modes

| Economically Affordable | Politically feasible | Socially Inclusive | Caring about next generations |

And we translated it into a public policy..

NEW TRANSPORT MODES	**ROAD SAFETY - VISION ZERO**	**SUSTAINABLE MODES**
INCREAS QUALITY OF TRANSPORTATION	**PRIVATE VEHICLE MANAGEMENT**	**ADDRESS EMISSIONS**

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We have a mass system environmental friendly…

2'354.568 tons less of CO2eq (carbonic gas),
verify by *Kyoto's Protocol*

Saving **584.952** barrels of oil per year

Income for carbon bonus up to around **5 million dollars**

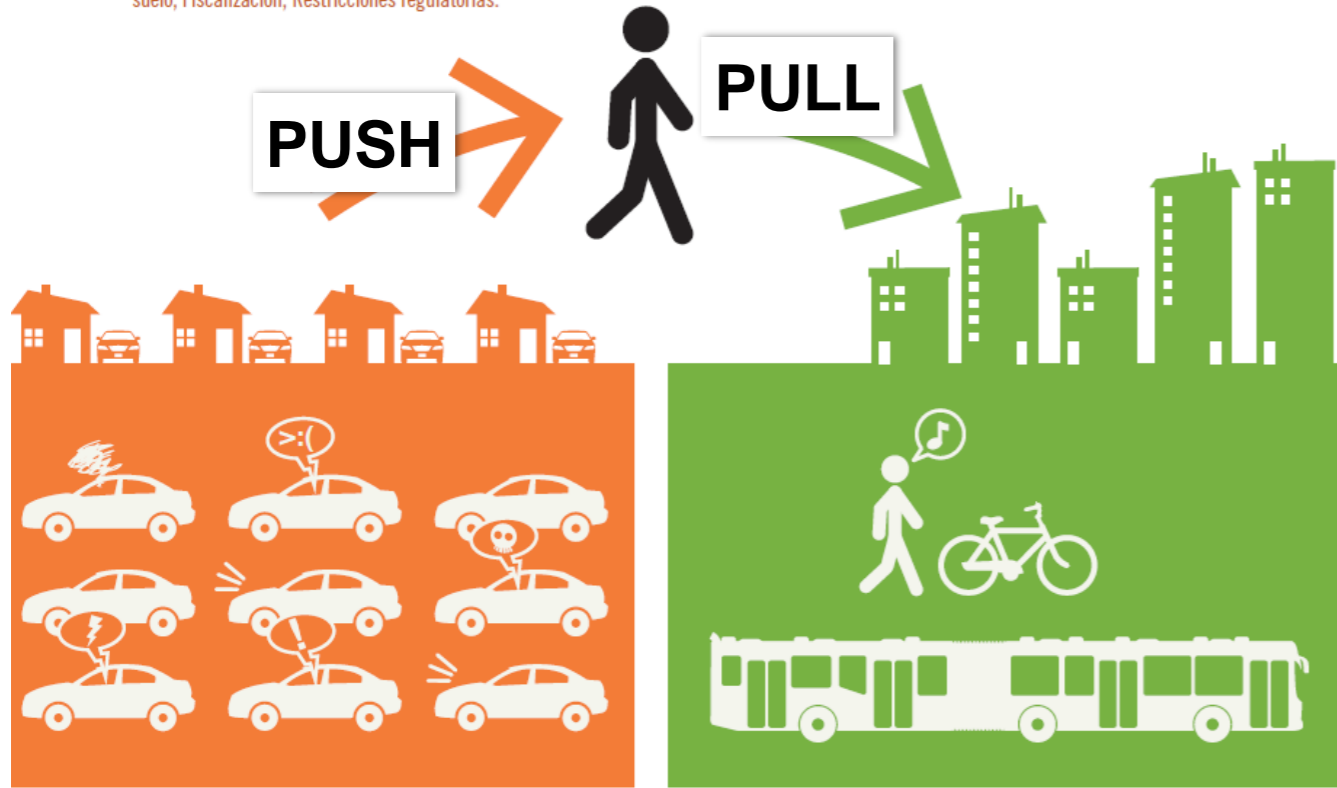*Mobile sources produces around 1.100 tons per year of PM (Particulate Matter)*

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We stablished rules and regulations for private car management

Park regulation

Plate restriction

Source: BID.

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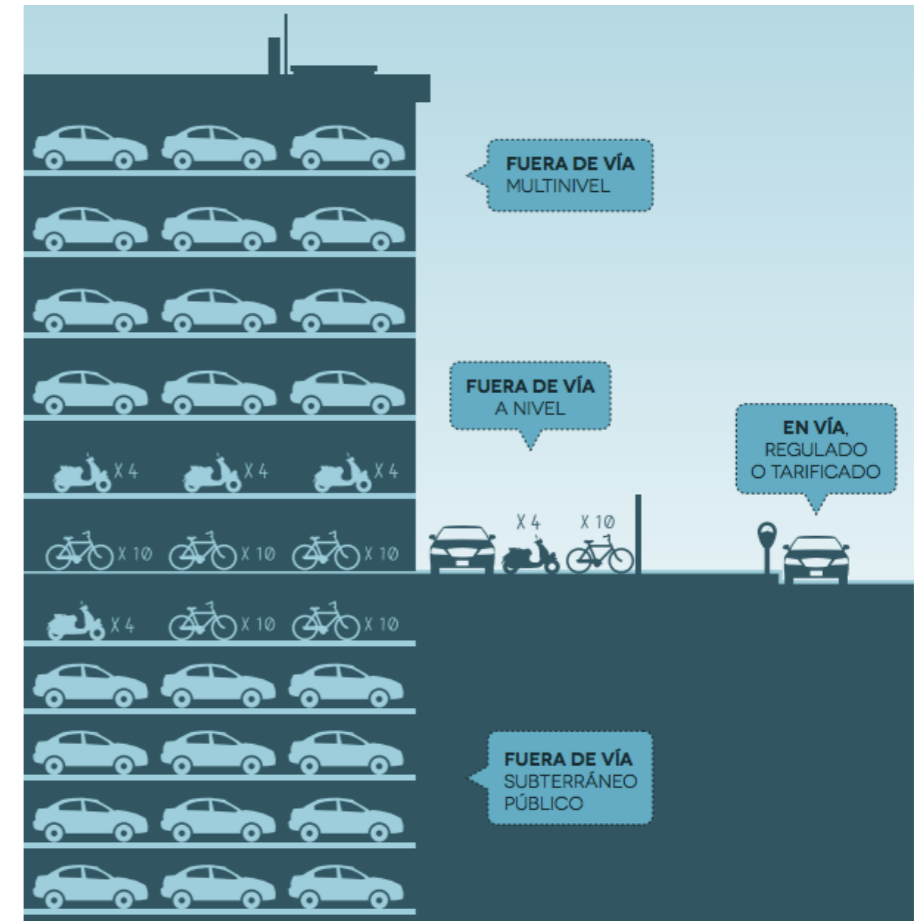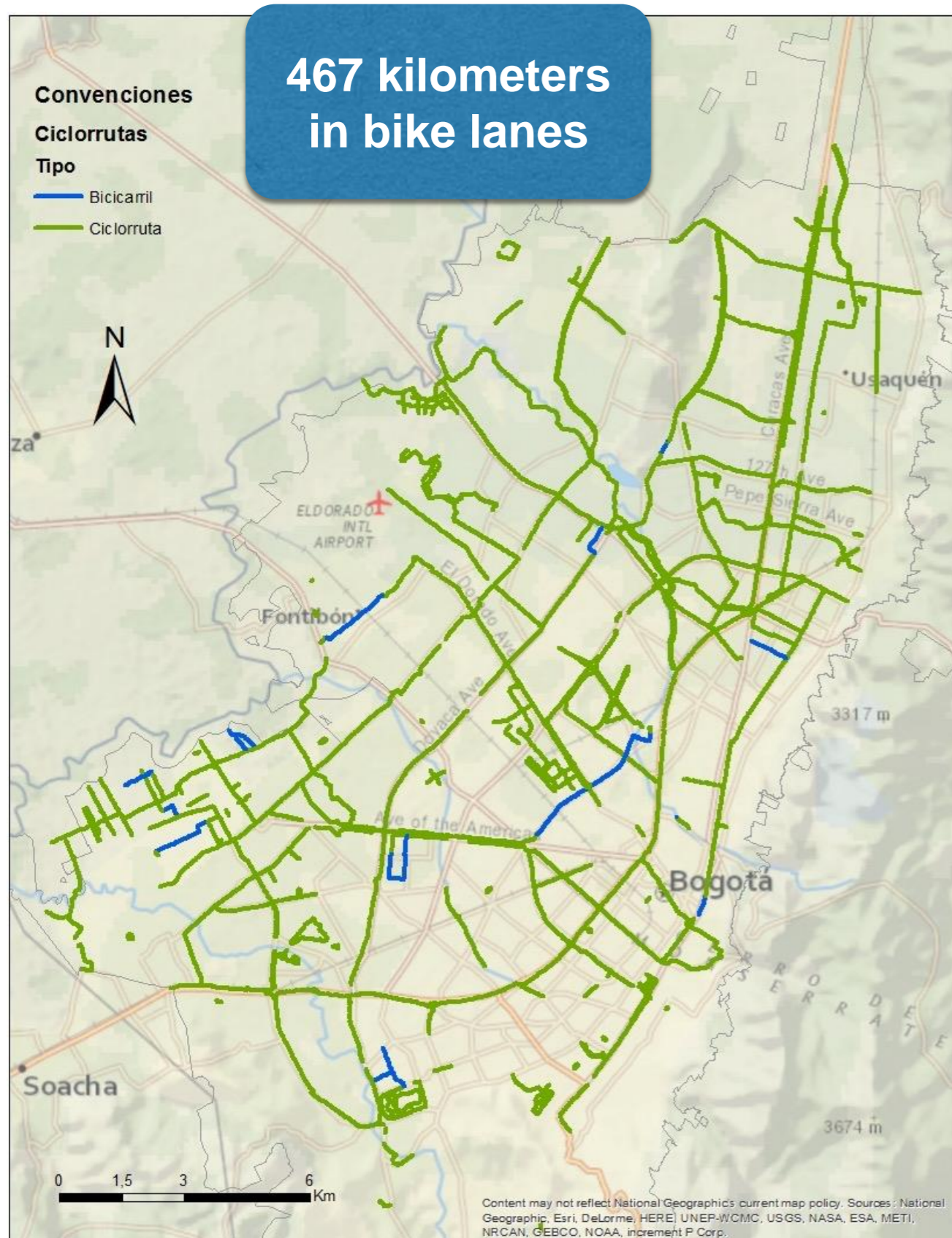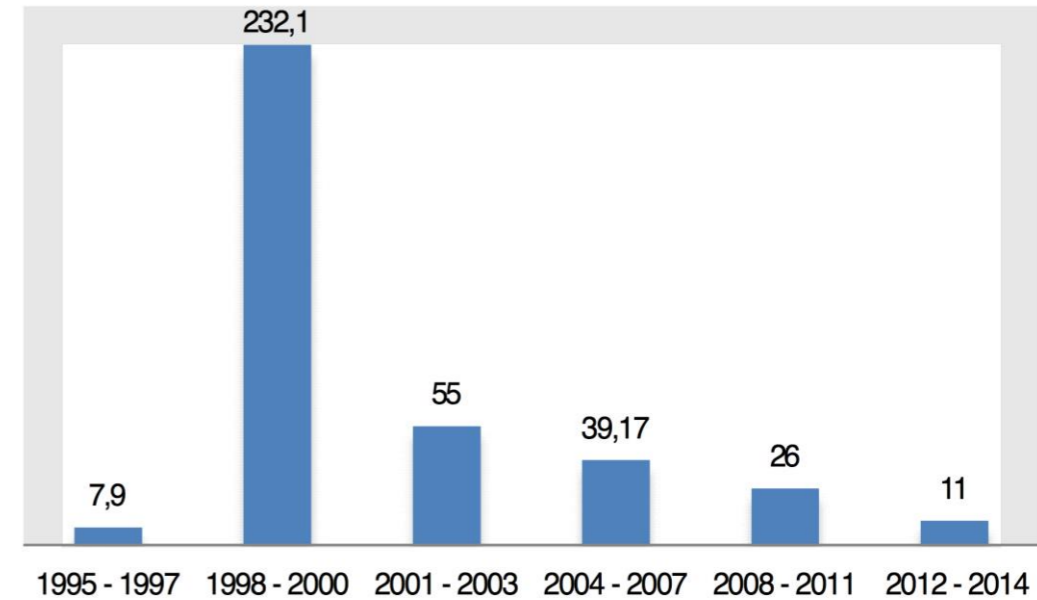
Now we move different…

Now

Since 1998 Bogotá is providing exclusive lanes for cyclists, nowadays the city has more than 400 kilometers. Every new road projects (BRT, mass rapid transit, highways) must include this special infrastructure.
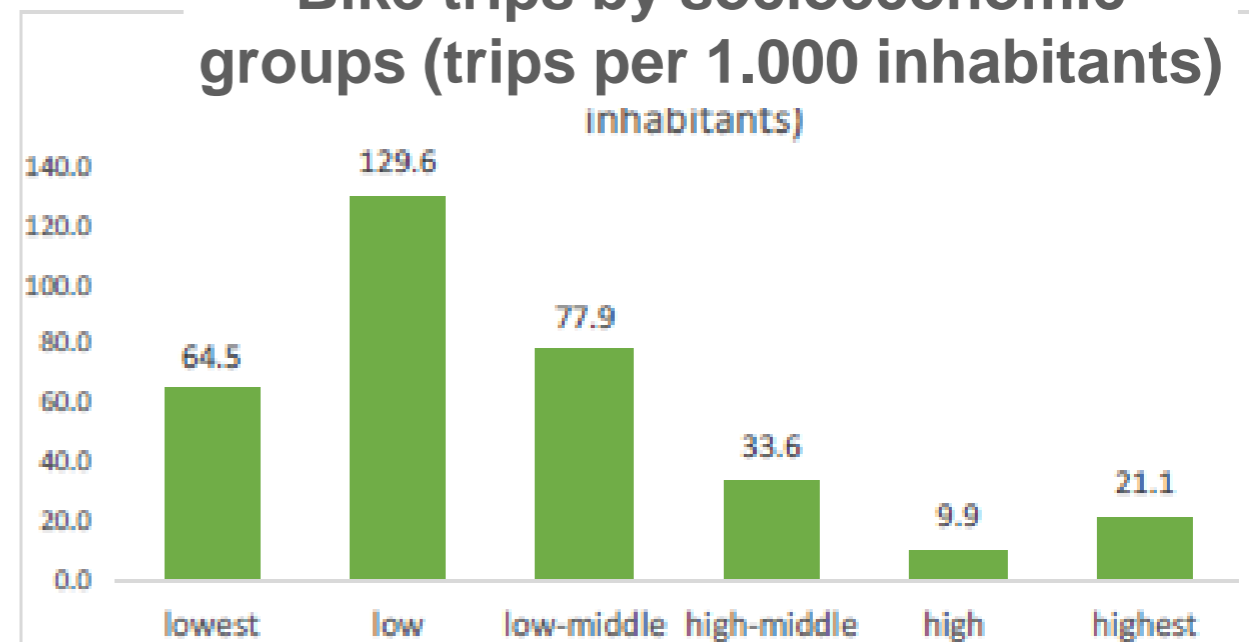
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Now we move different

467 kilometers in bike lanes

KM OF BIKE LANES BUILT IN BOGOTÁ

1995 - 1997	1998 - 2000	2001 - 2003	2004 - 2007	2008 - 2011	2012 - 2014
7,9	232,1	55	39,17	26	11

Source: Despacio, 2014.

Bike trips by socioeconomic groups (trips per 1.000 inhabitants)
inhabitants)

lowest	low	low-middle	high-middle	high	highest
64.5	129.6	77.9	33.6	9.9	21.1

Source: IDU. 2014.

PUBLIC AND PRIVATE SECTOR IN ACTION

CITIZENS IN ACTION

Sunday's Ciclovía - 40 years

Source: http://noticias.caracoltv.com/

Source: lavidaesloca.wordpress.com

Al colegio en bici

https://www.facebook.com/ACBtunjulito/

CITIZENS IN ACTION - Ciclopaseo cachaco

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CITIZENS IN ACTION - Ciclopaseos

CITIZENS IN ACTION - NGO Sustainable city

Non profit organizations, that support and develop environmental initiatives seeking for sustainable alternatives for the community and the territories.
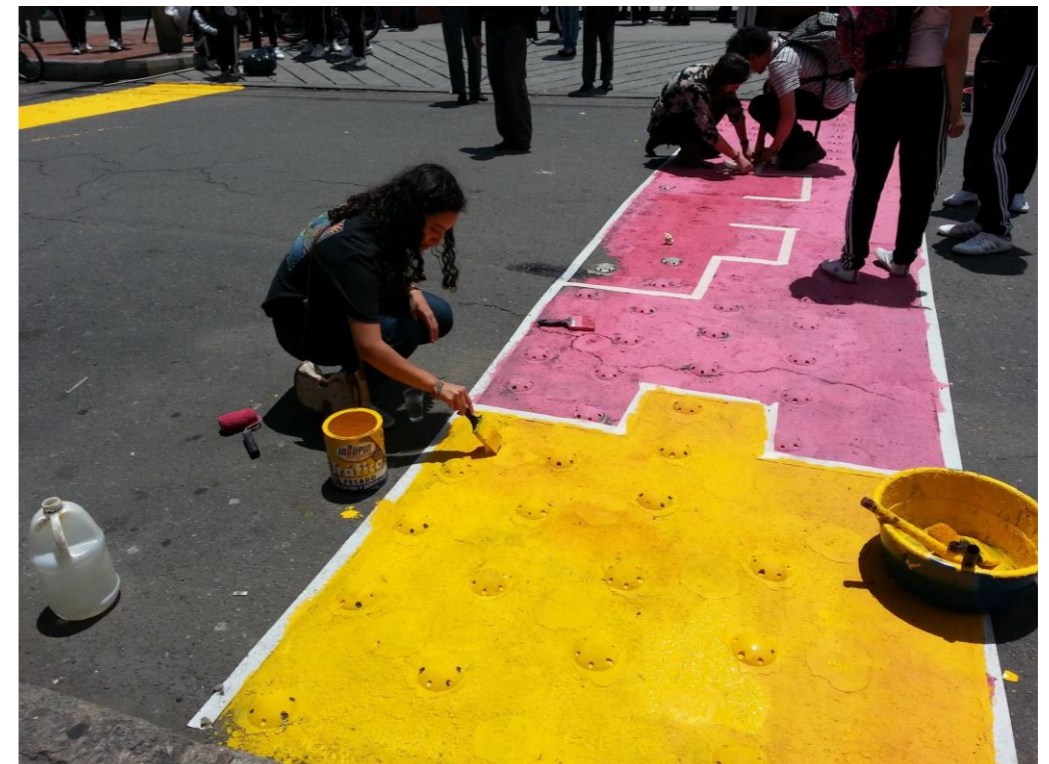

CIUDAD SOSTENIBLE

Source: Jen Valentino. Ciudad Sostenible.

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CITIZENS IN ACTION - COMBO 2600

2600

Group of citizens committed to transform Bogota in a equitable and better city for all, seeking a deep knowledge and collective actions

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We are working in establish an Urban LAB
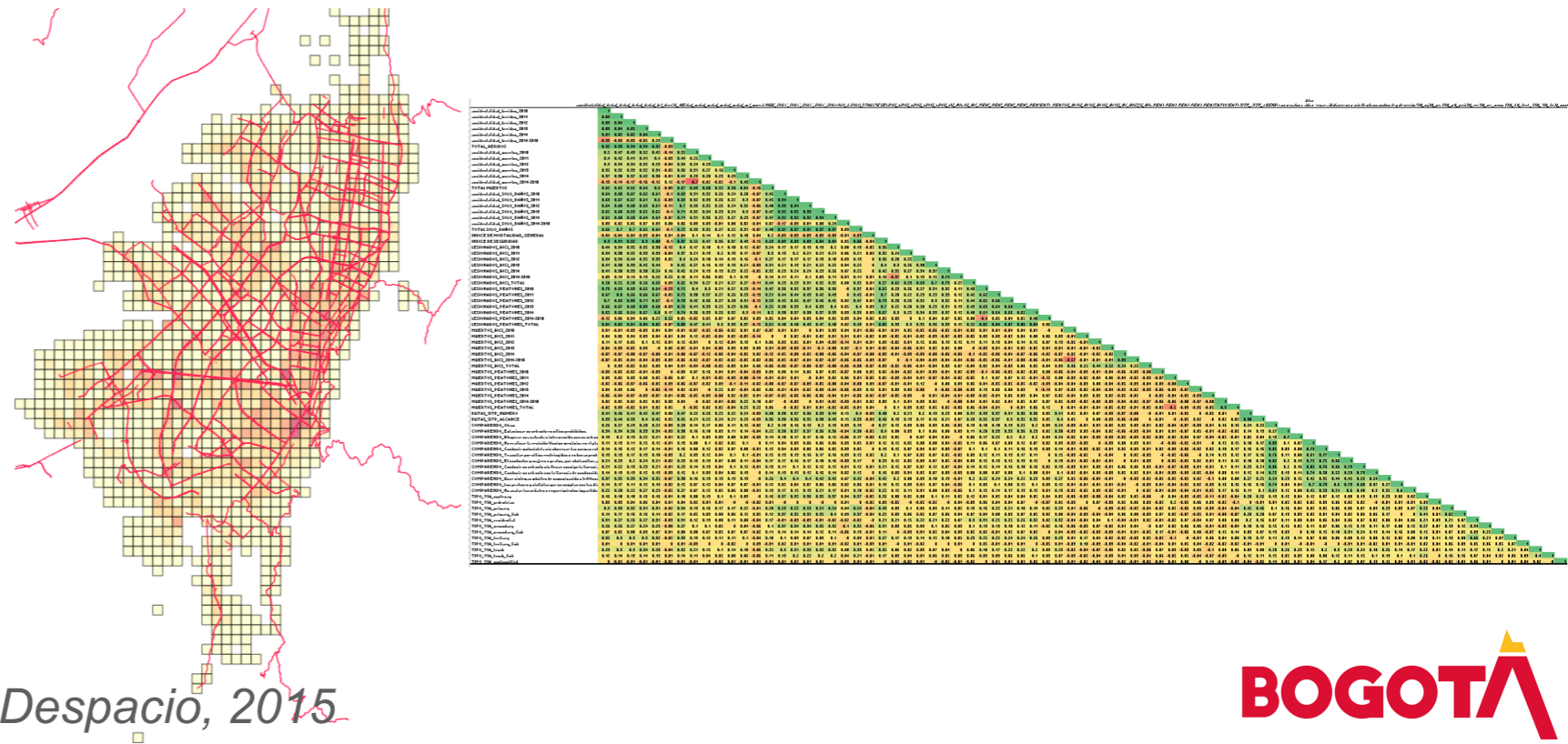

Network creation

Big Data use

Citizens engagement

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We strongly believe that data can help to public decision making

We believe in urban farming to change the dynamic of the territory

10 Lessons from Bogotá

1. Integration: BRT is a cheaper solution to solve transport needs, but is not the only one.

2. Sustainable modes: Invest more to facilitate walking and cycling.

3. Management of private modes: Make car use as inconvenient and expensive as possible.

4. Save lives: Road safety must be an important goal- Vision Zero.

5. Go green: Adopt green technology but do not engage with any in particular.

6. Citizens engagement: Empower the local community and make them part of the public decisions.

7. Less is more: Small interventions in public spaces sometimes generate big changes.

8. One shared view will save money: One shared view from public and private sectors to continue development plans trough different administration.

9. Data matters: Create an open data policy in order to transform it into information and put it into the service of the society.

10. Get out of your seats go out to the street.

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THE HEROES IN COLOMBIA ARE USED TO PEDAL

GET OFF OF THE CAR AND TAKE A BIKE

Thank you!

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