

City level collaboration to reduce greenhouse emissions and
achieve sustainable development.

UNFCCC. Technical Expert Meeting, Bonn, Germany

BOGOTÁ Colombia

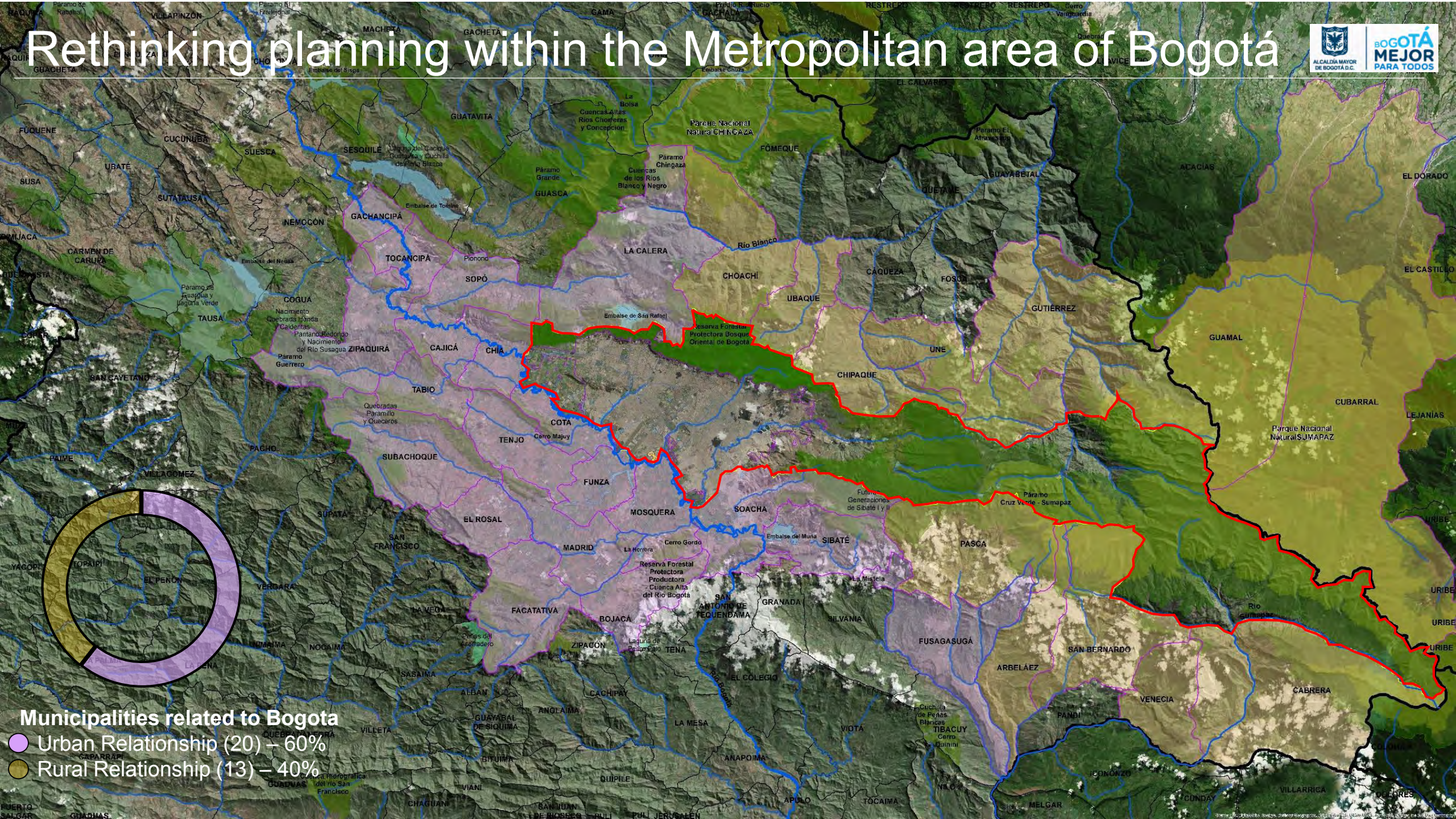
Bogotá Planning Department
May 9 2017



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DE BOGOTÁ D.C.

BOGOTÁ
MEJOR
PARA TODOS

Rethinking planning within the Metropolitan area of Bogotá

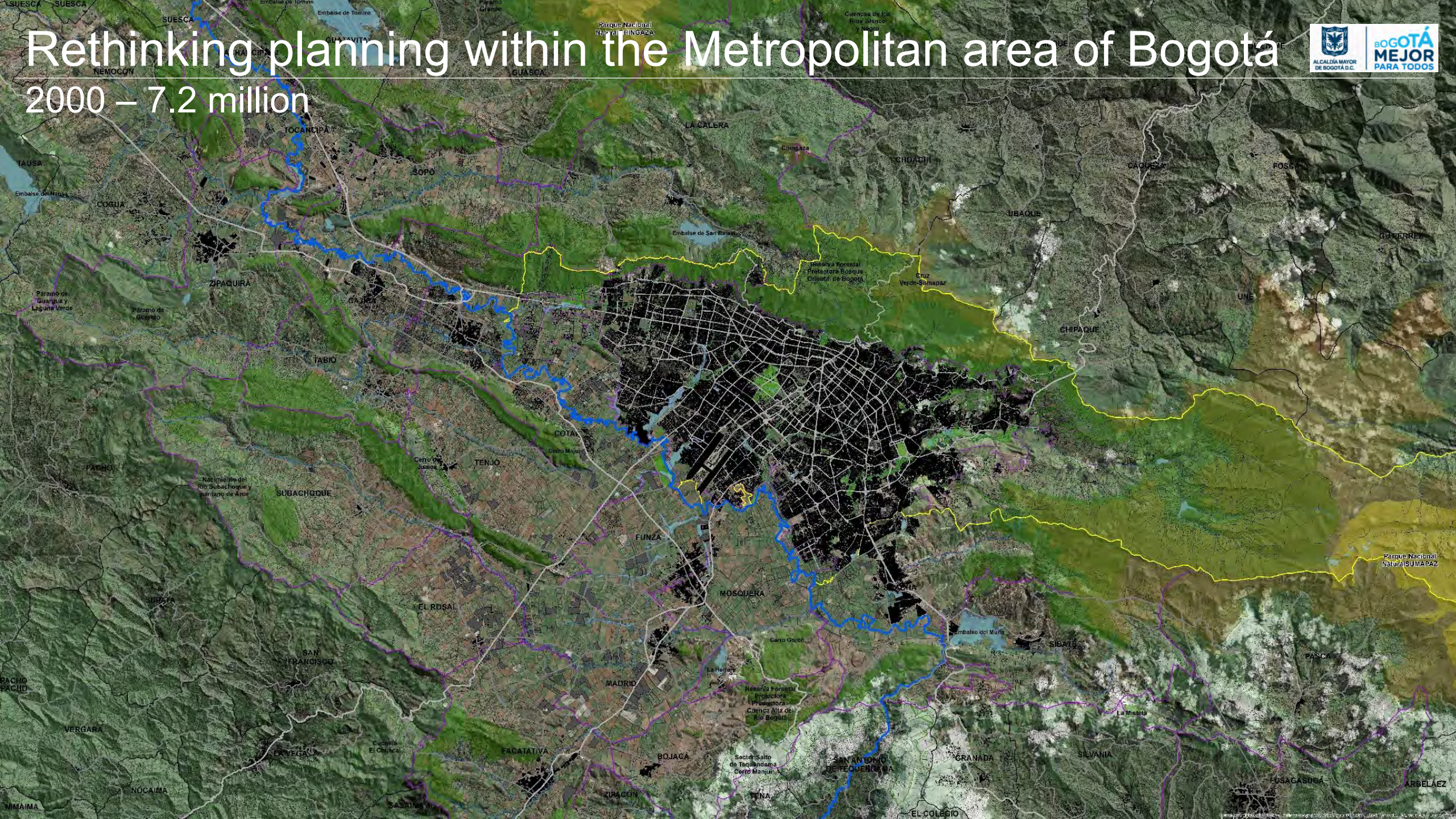


Municipalities related to Bogotá

-  Urban Relationship (20) – 60%
-  Rural Relationship (13) – 40%

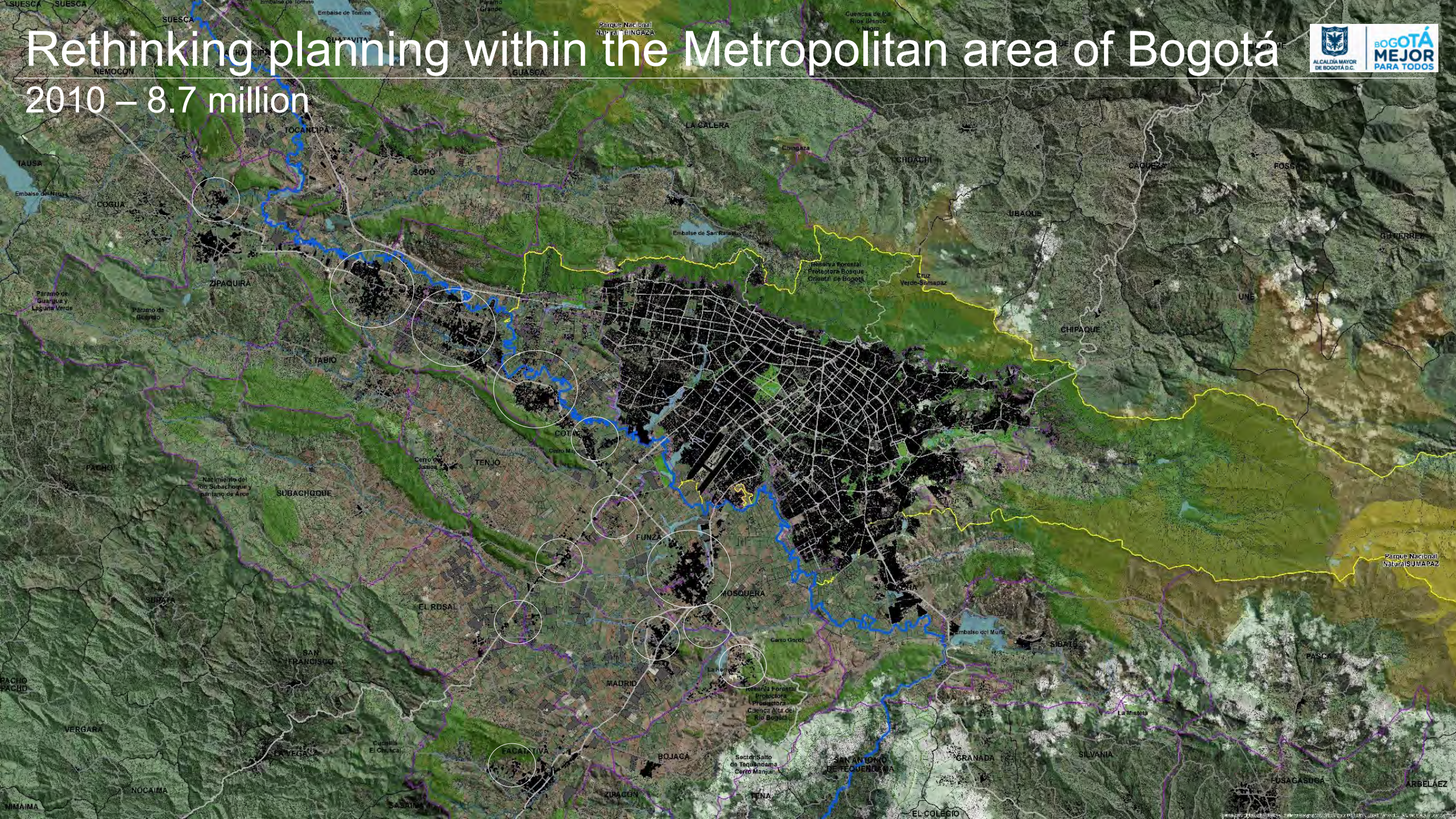
Rethinking planning within the Metropolitan area of Bogotá

2000 – 7.2 million



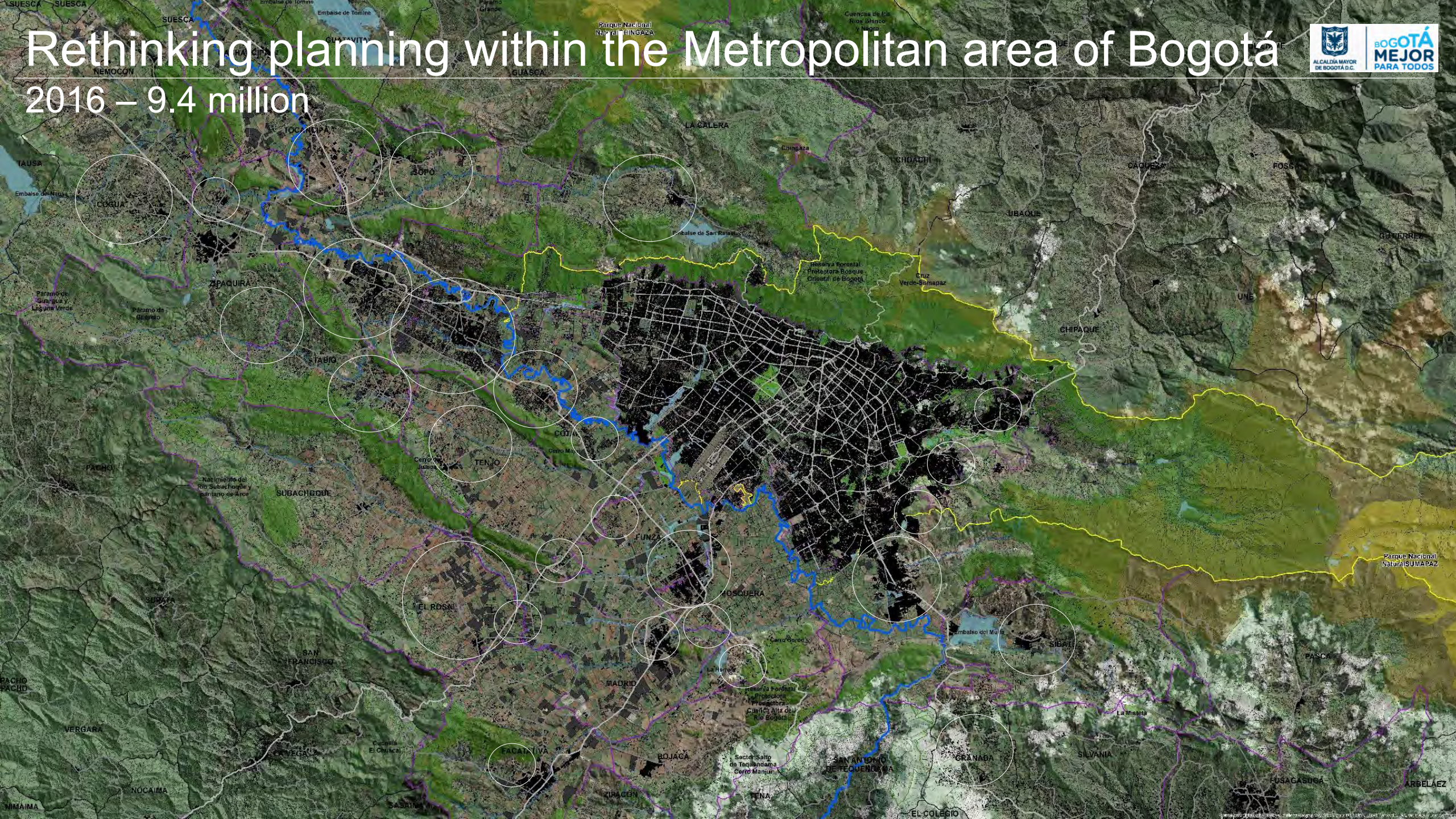
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2010 – 8.7 million



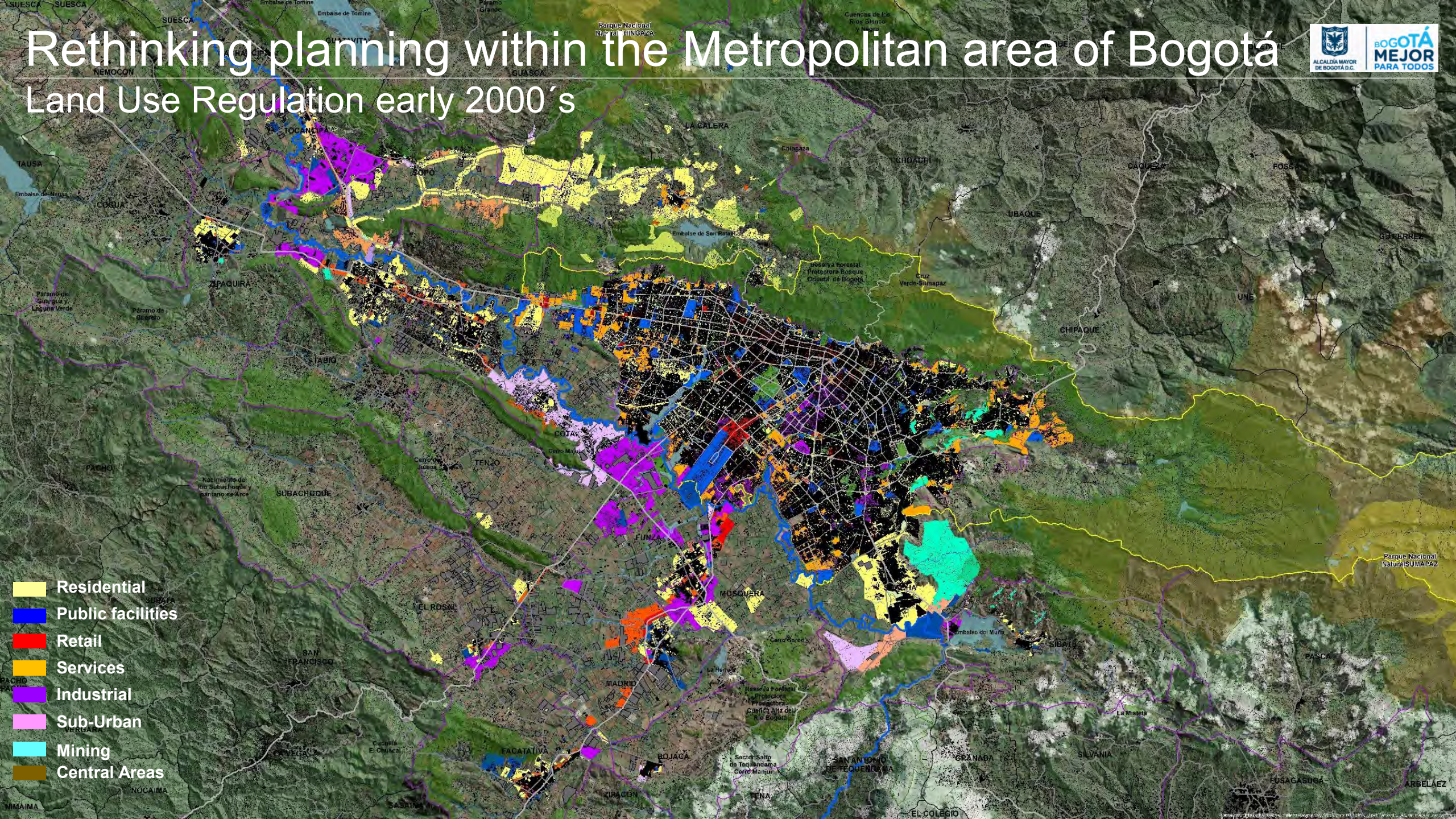
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2016 – 9.4 million



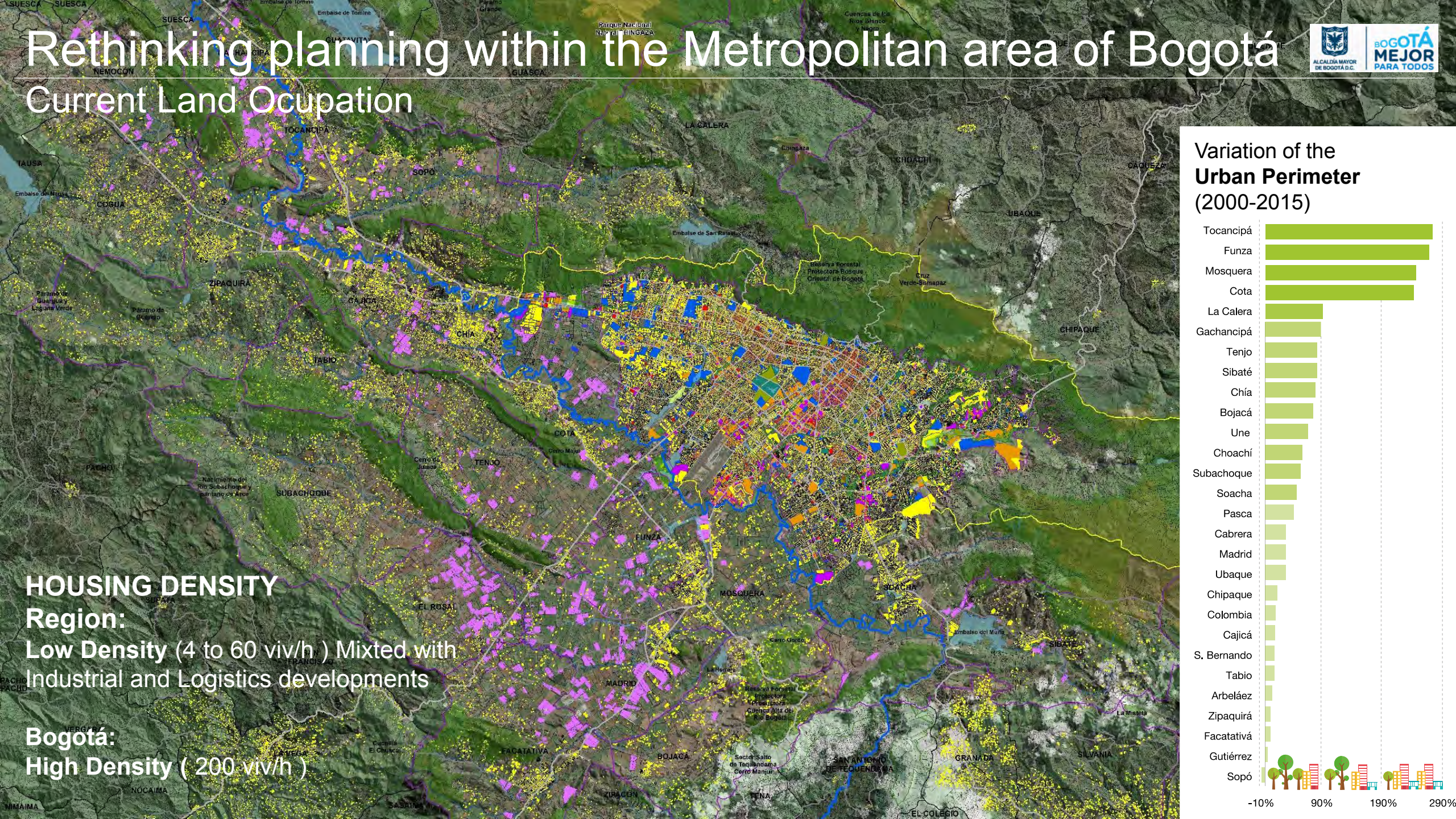
Rethinking planning within the Metropolitan area of Bogotá

Land Use Regulation early 2000's



Rethinking planning within the Metropolitan area of Bogotá

Current Land Occupation

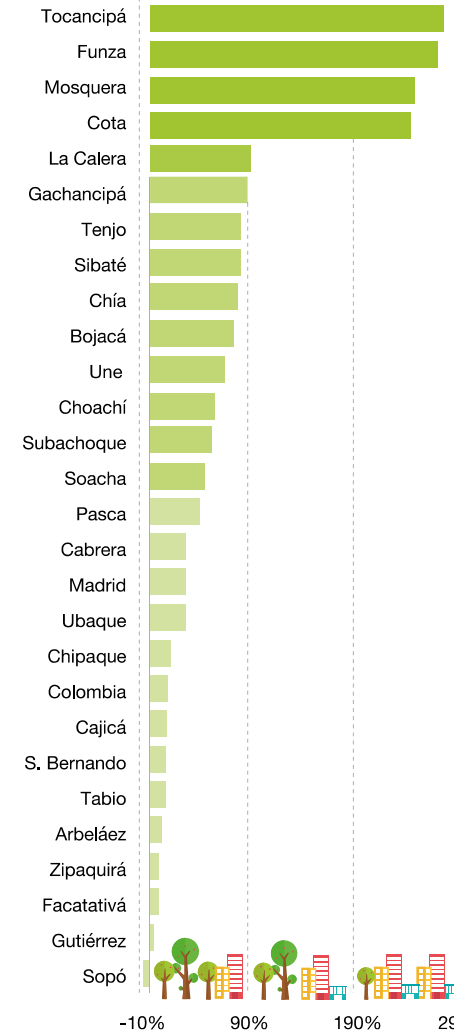


HOUSING DENSITY

Region:
 Low Density (4 to 60 viv/h) Mixed with
 Industrial and Logistics developments

Bogotá:
 High Density (200 viv/h)

Variation of the Urban Perimeter (2000-2015)



Rethinking planning within the Metropolitan area of Bogotá

The Challenge: Population and Housing

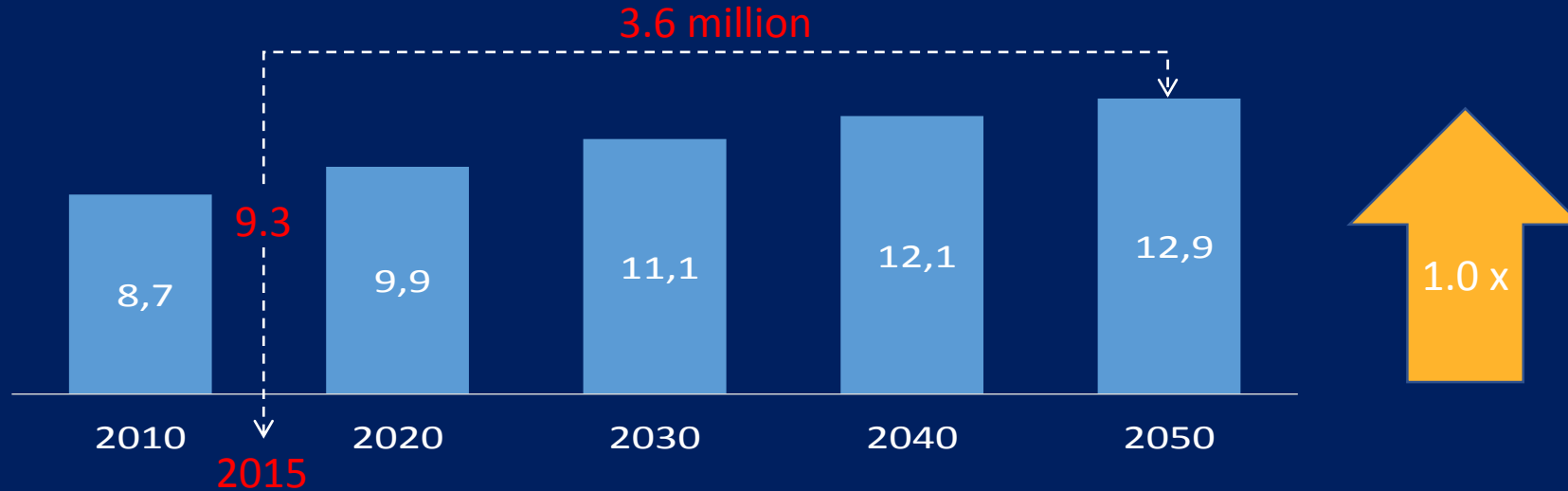
1. Quantitative and qualitative current deficit of 306.780 homes.



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The Challenge: Population and Housing

2. Population growth of 3.6 million inhabitants from 2015 to 2050

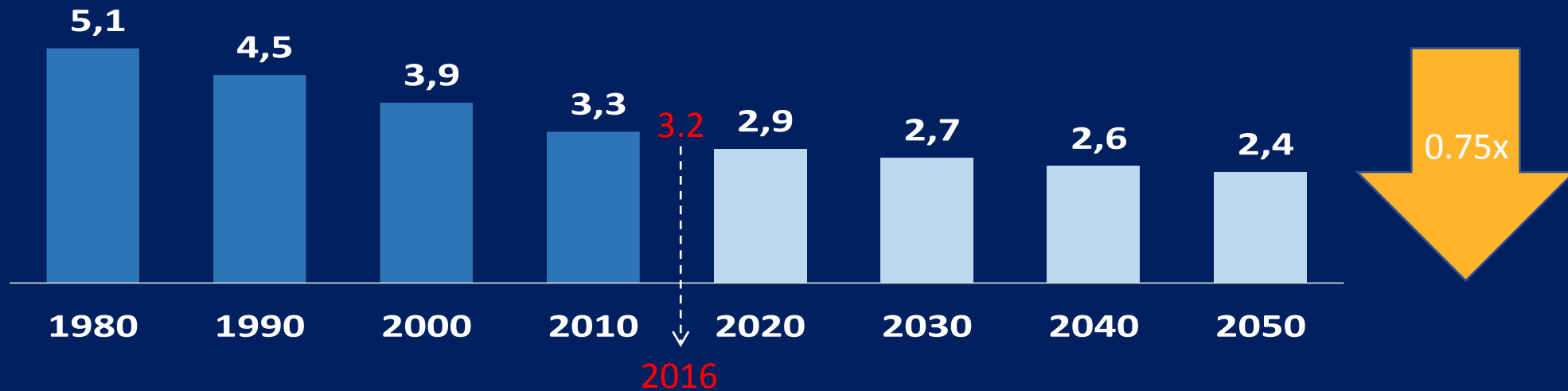


Population in millions per year

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The Challenge: Population and Housing

3. Household size reduction: from a currently average of 3.2 inhabitants to 2.4 in 2050 per household

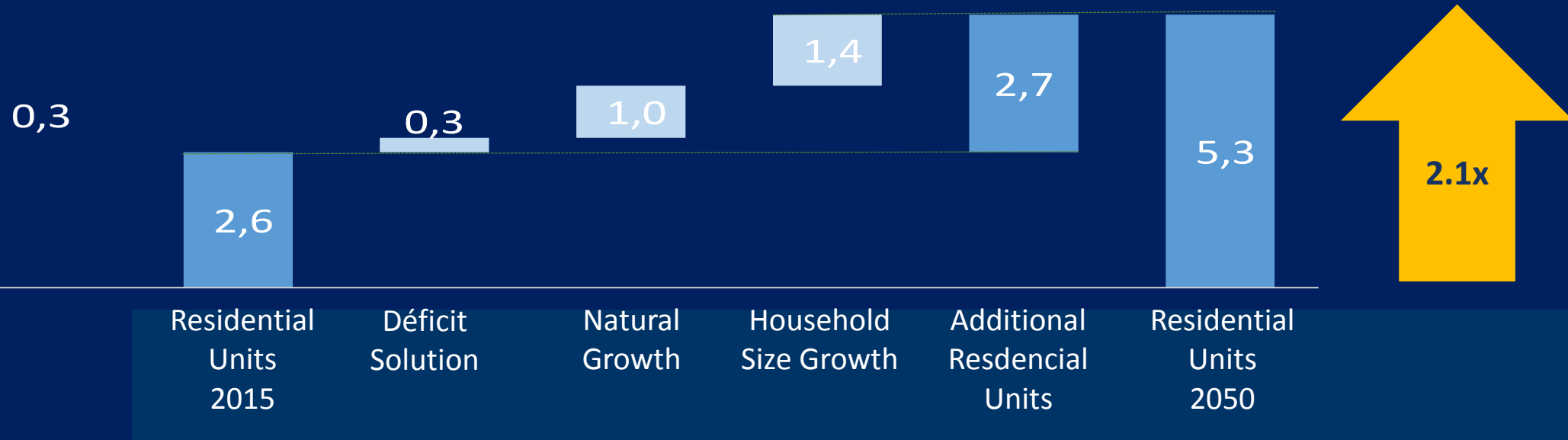


Household size per year

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The Challenge: Population and Housing

4. The number of households will be multiplied by 2.1 by 2050

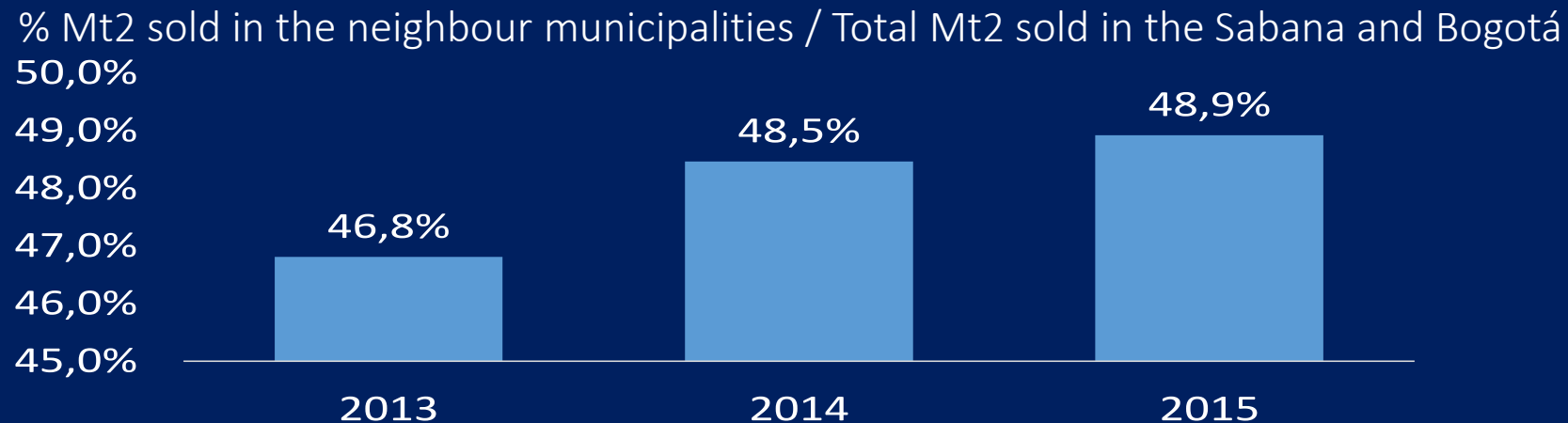


*Households in millions

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The Challenge: Population and Housing

5. For every 51 square meters of housing sold in Bogotá, 49 are sold in the surrounding municipalities: 1 in 2 families has bought their house outside Bogotá in the last years.

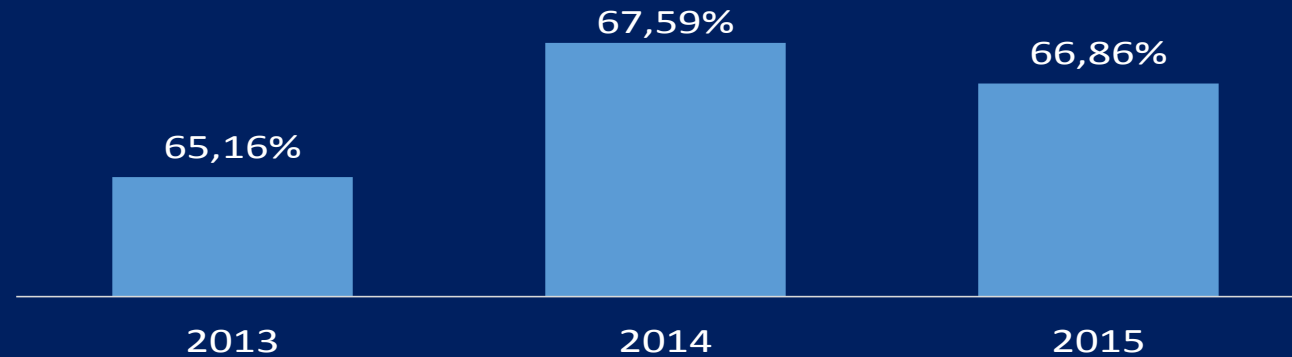


Rethinking planning within the Metropolitan area of Bogotá

The Challenge: Population and Housing

5. The situation is even more dramatic for social housing due to the high prices of land in Bogotá, combined with the lack of enabled land for future developments.

% Mt2 sold in the neighbour municipalities / Total Mt2 sold in the Sabana and Bogotá



Social Housing

Rethinking planning within the Metropolitan area of Bogotá

Low density housing and spontaneous social housing without adequate urban supports



Cajicá, Municipality located north of Bogotá. 2007

Rethinking planning within the Metropolitan area of Bogotá

Low density housing and spontaneous social housing without adequate urban supports



Cajicá, Municipality located north of Bogotá. 2016

Rethinking planning within the Metropolitan area of Bogotá

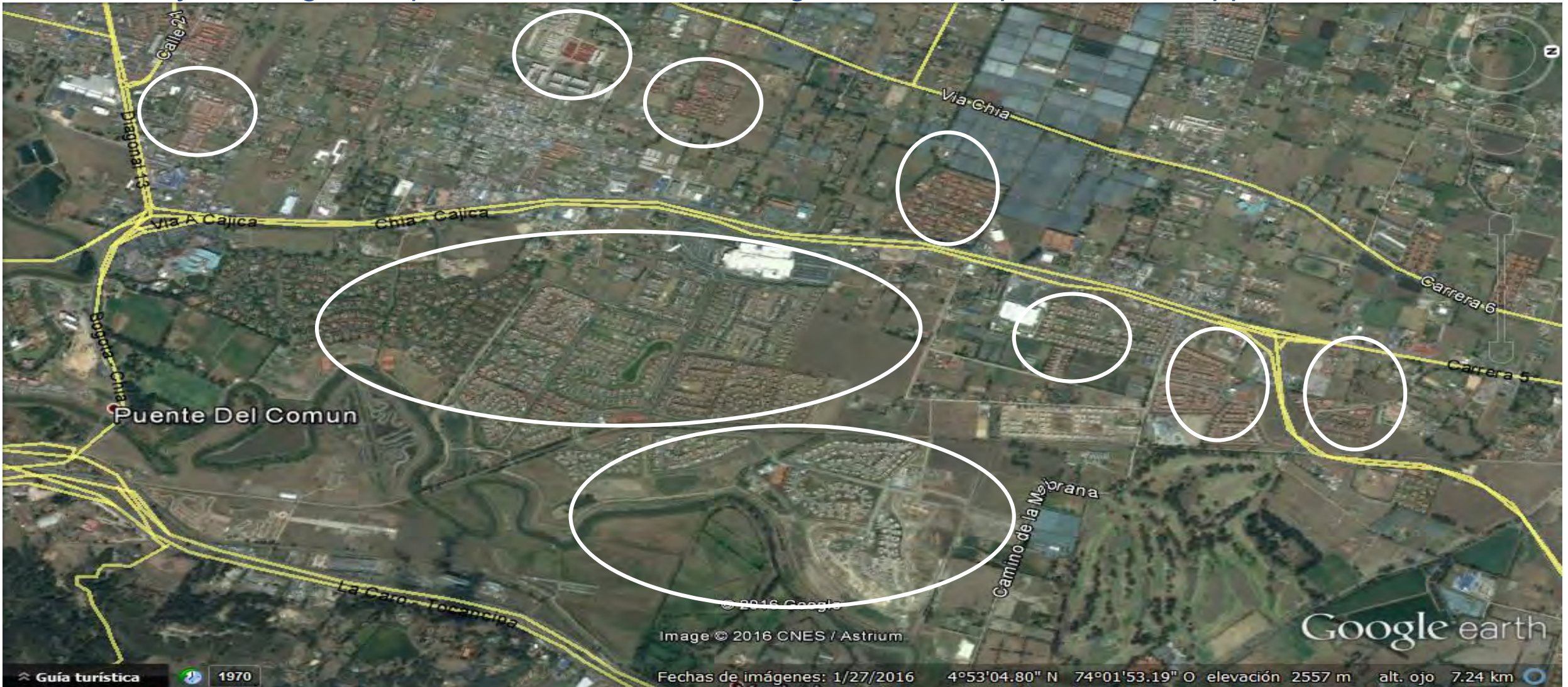
Low density housing and spontaneous social housing without adequate urban supports



Cajicá - Chia, Municipalities located north of Bogotá. 2007

Rethinking planning within the Metropolitan area of Bogotá

Low density housing and spontaneous social housing without adequate urban supports



Cajicá - Chía, Municipalities located north of Bogotá. 2016

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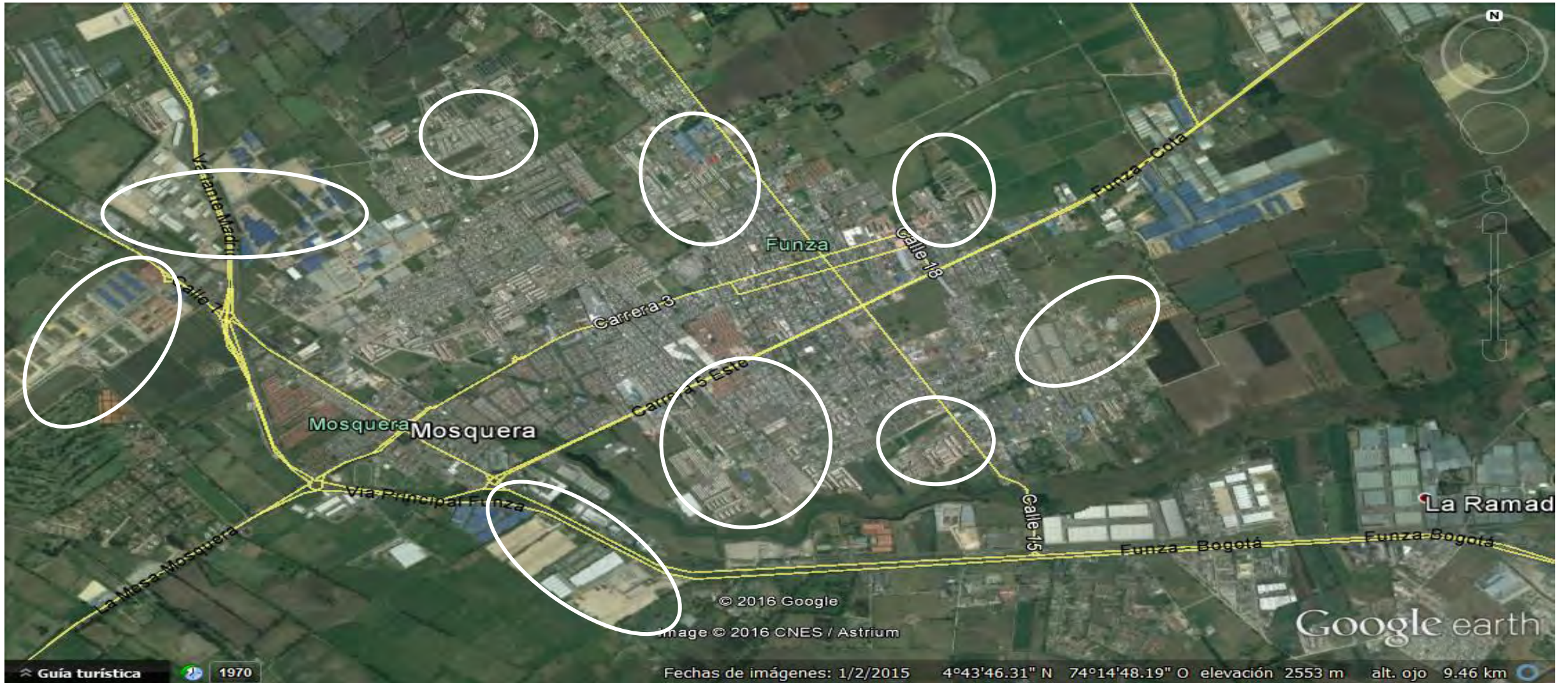
Low density housing and spontaneous social housing without adequate urban supports



Funza - Mosquera, Municipalities located west of Bogotá. 2007

Rethinking planning within the Metropolitan area of Bogotá

Low density housing and spontaneous social housing without adequate urban supports



Funza - Mosquera, Municipalities located west of Bogotá. 2016

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Low density housing and spontaneous social housing without adequate urban supports

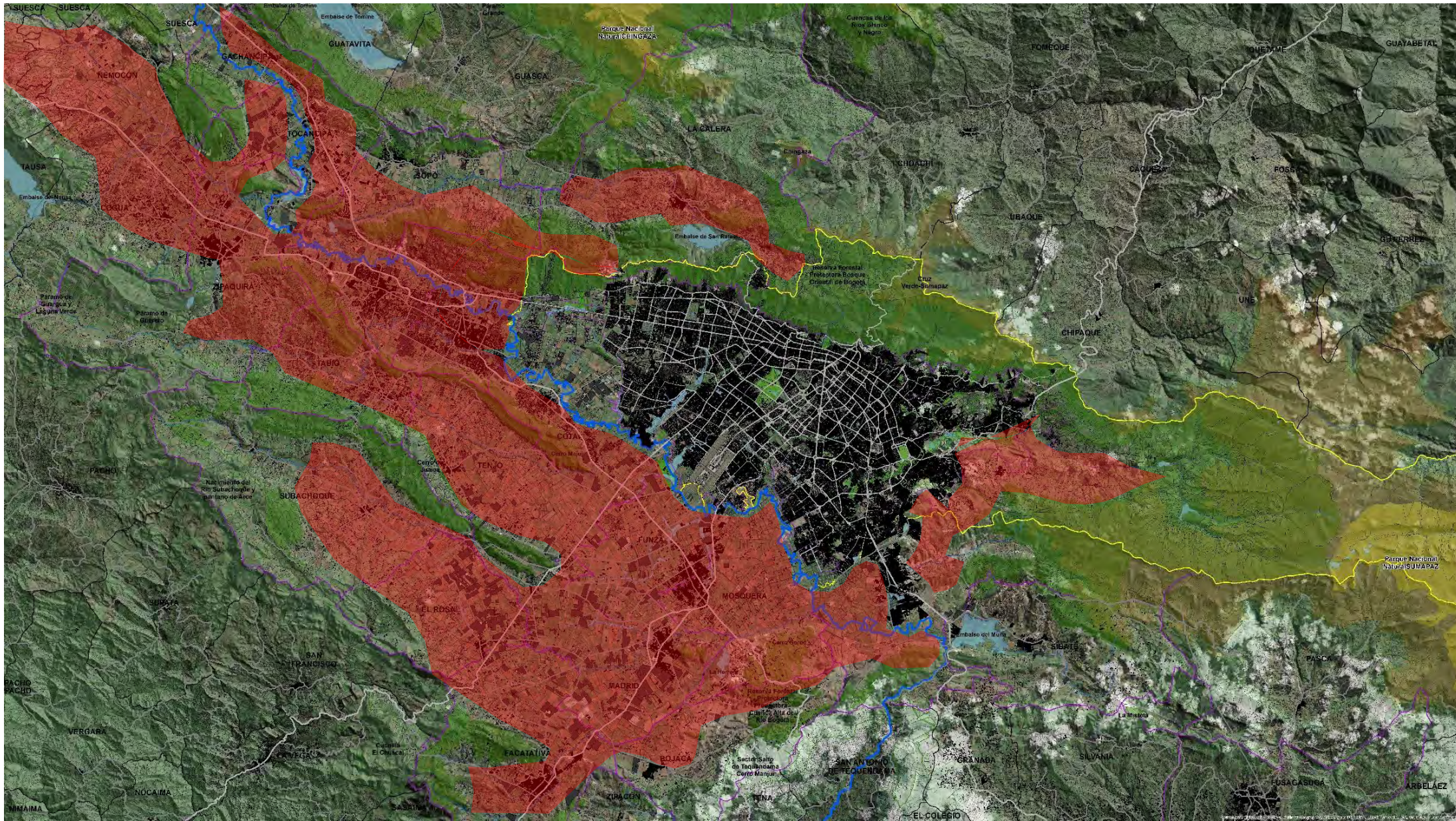


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Rethinking planning within the Metropolitan area of Bogotá

URBAN SPRAWL IF WE CONTINUE TO OCCUPY THE TERRITORY AS BEFORE

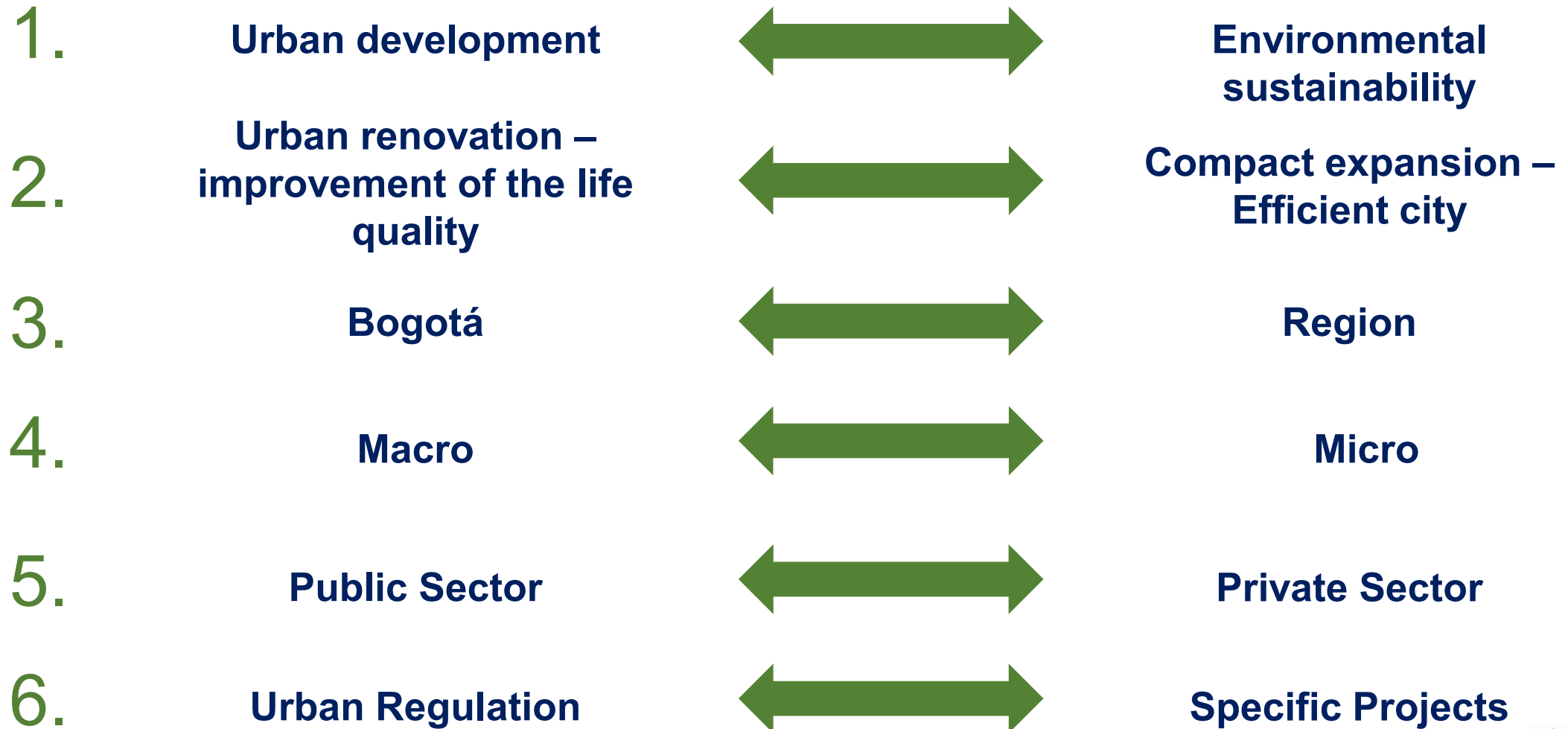


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Key factors for sustainable development in Bogotá

Balances within the city and its region



Rethinking planning within the Metropolitan area of Bogotá

Projected Housing

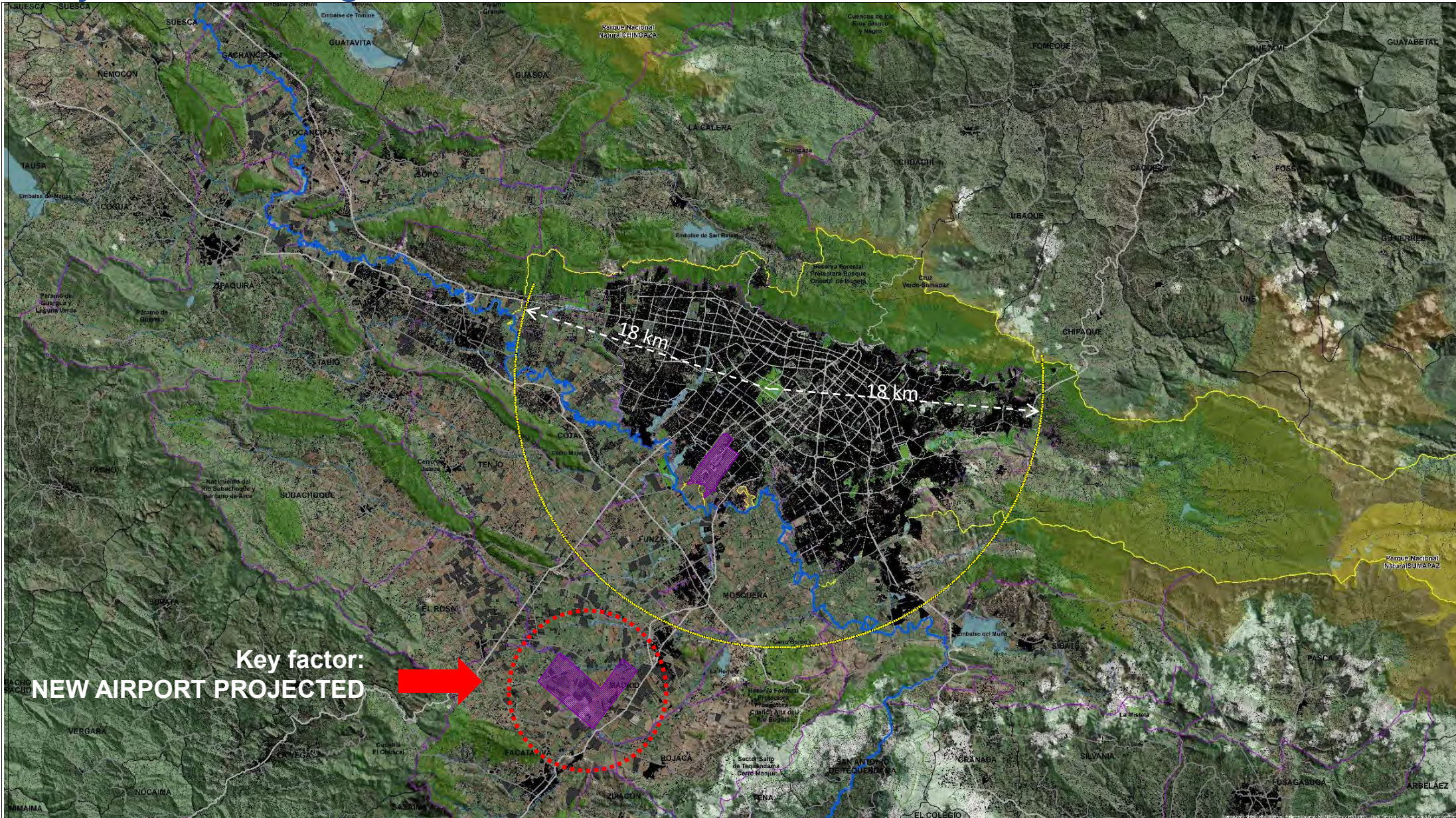
The 2.7 million houses that need to be allocated in Bogotá and its region in 2050 could be distributed as following:

■ Urban regeneration -----	300.000 houses
■ Lagos de Torca -----	110.000 houses
■ Ciudad Norte -----	384.000 houses
■ Ciudad Río -----	180.000 houses
■ Usme -----	28.000 houses
■ Bosa -----	26.000 houses
■ Lagos del Tunjuelo -----	66.000 houses
Total	1.094.000 houses

→ Deficit (in other municipalities to be solved) --- 1.606.000 houses

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Projected Housing

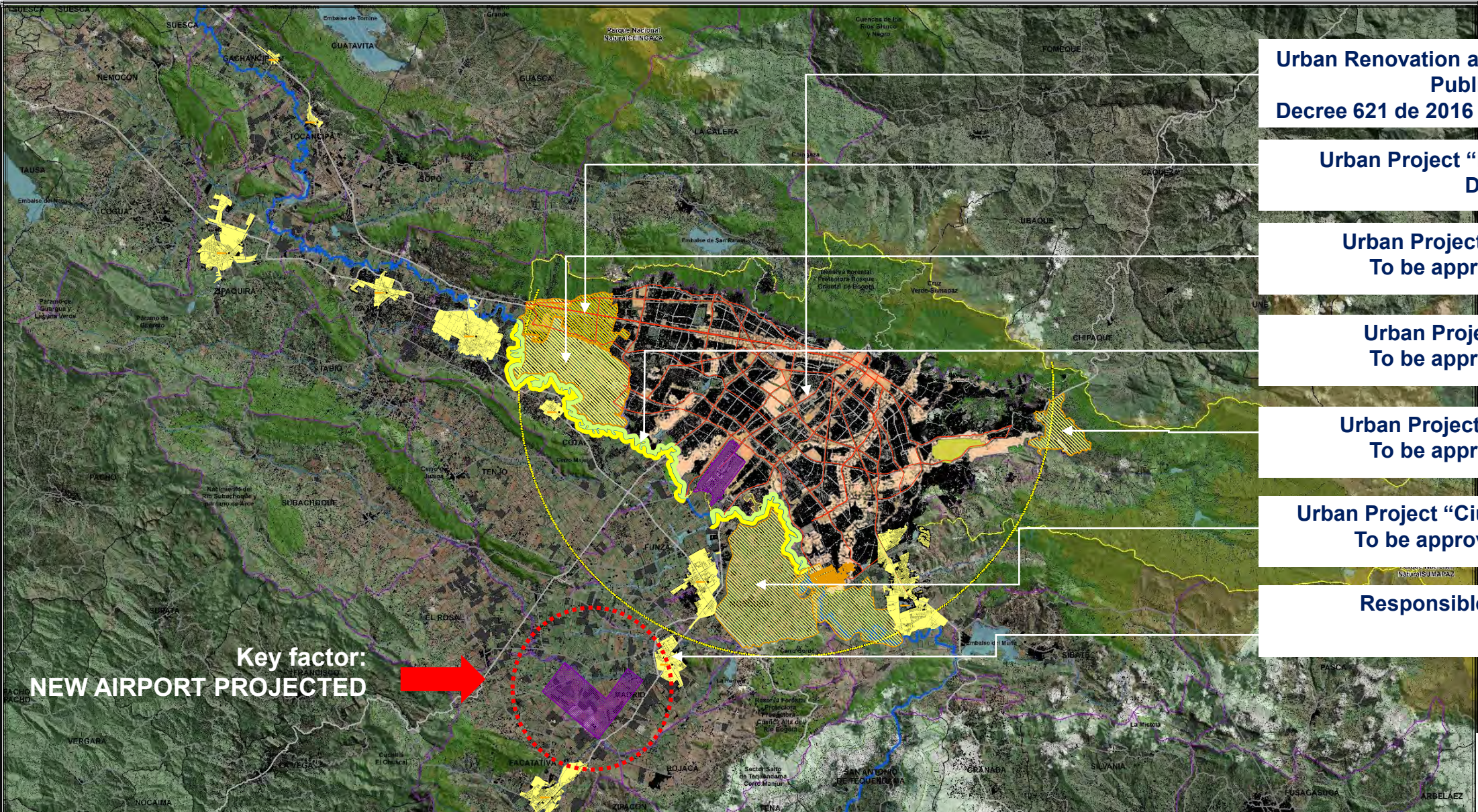


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Rethinking planning within the Metropolitan area of Bogotá

Projected Housing



Urban Renovation along the efficient Public Transportation Decree 621 de 2016 for two corridors

Urban Project “Lagos de Torca”. Decree 88 de 2017

Urban Project “Ciudad Norte”. To be approved in new POT

Urban Project “Ciudad Río”. To be approved in new POT

Urban Project “Ciudad Usme”. To be approved in new POT

Urban Project “Ciudad Mosquera”. To be approved by Mosquera

Responsible densification in Municipalities

Key factor:
NEW AIRPORT PROJECTED



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