Presentation prepared for the July 28, 2015 event:

Climate Change Adaptation and Population Dynamics in Latin America and Caribbean: Key Issues for Policy Dynamics

**S** 

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http://www.wilsoncenter.org/event/climate-change-adaptation-and-population-dynamics-latin-america-and-the-caribbean-key-issues

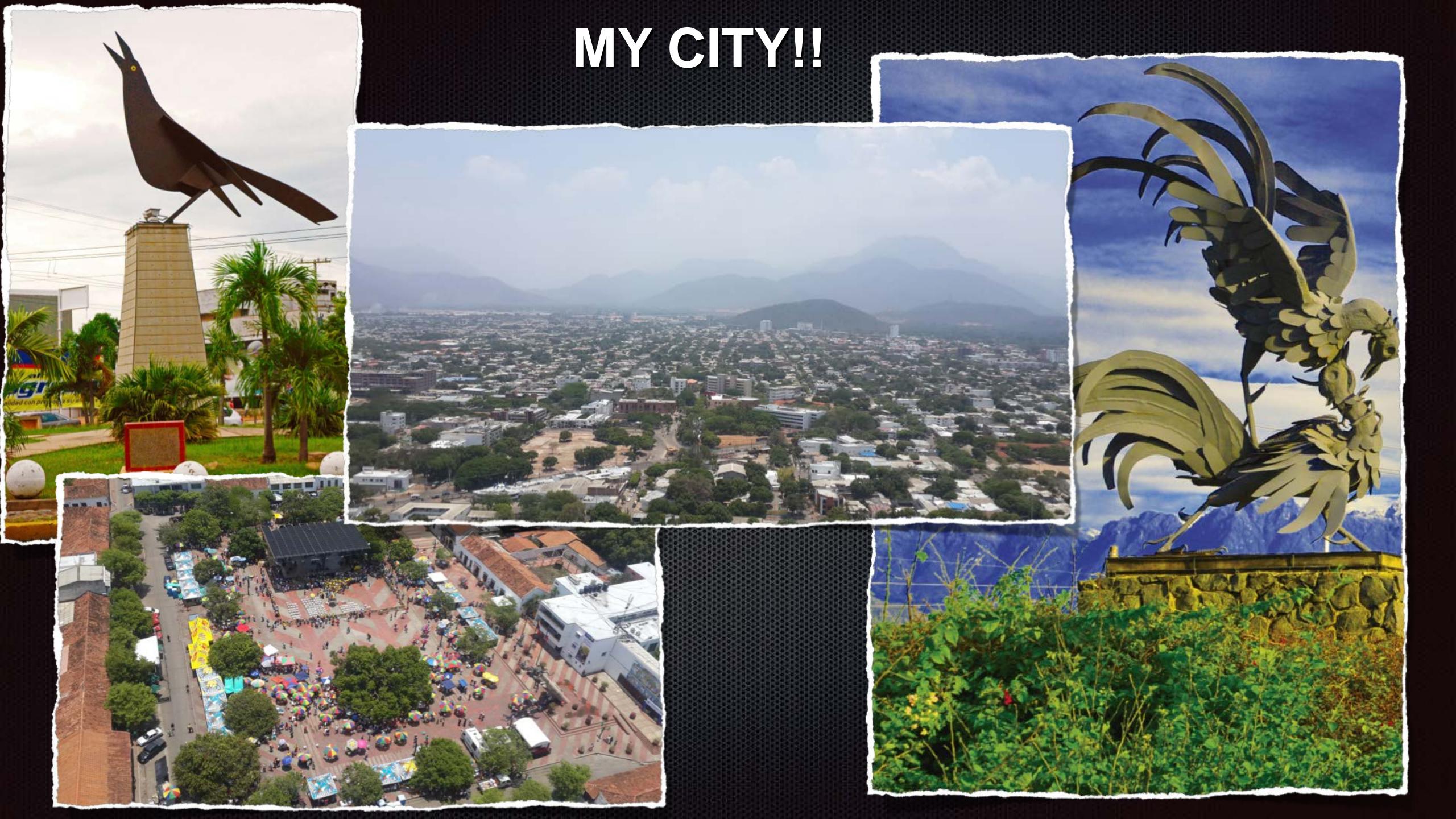










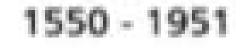


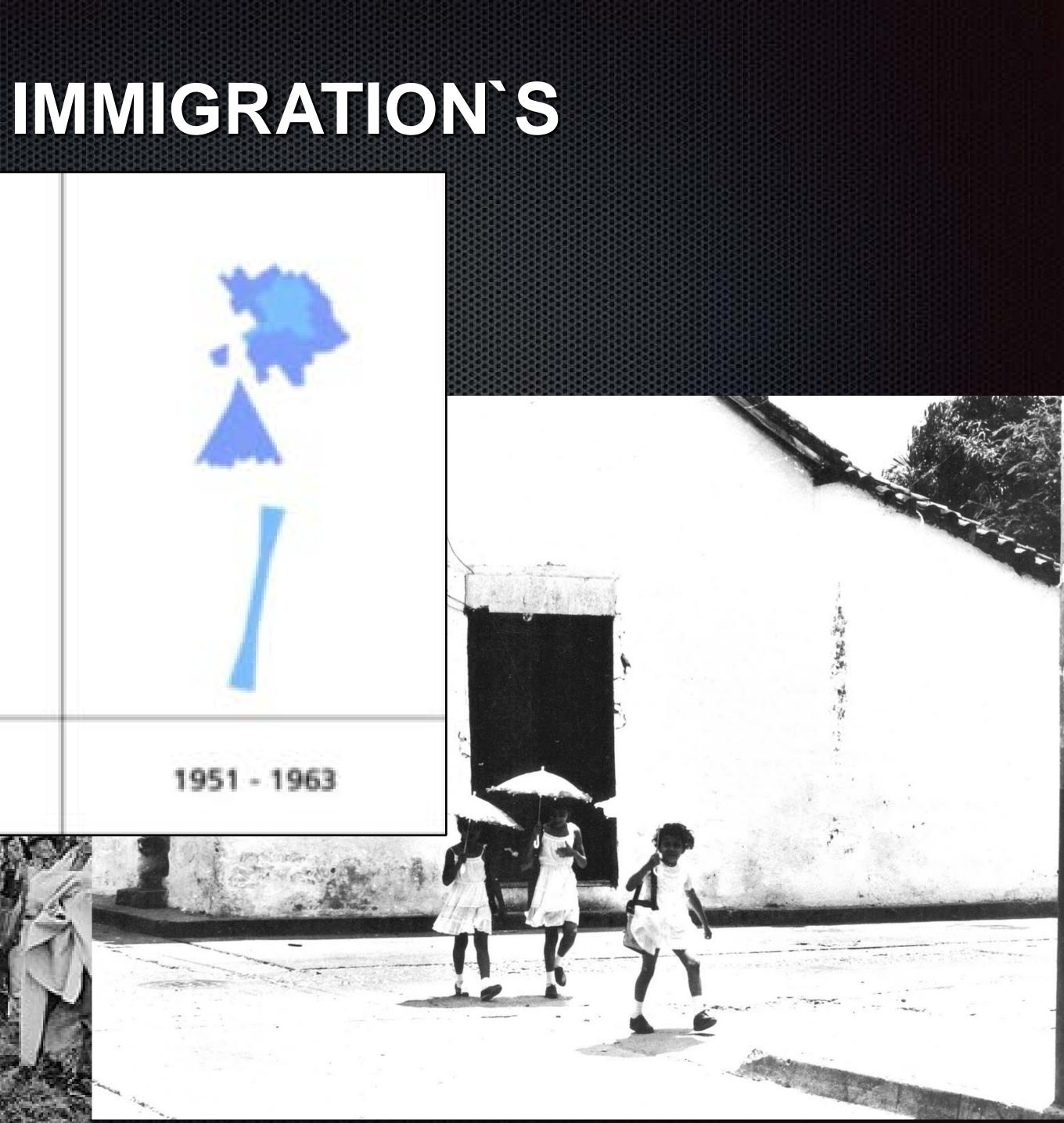
# THE THREE BIG IMMIGRATION'S

## IN THE 50`S AND 60`S









# IN THE 70`S AND 80`S





# URBAN PLANNING AS A RESPONSE TO THE CHAOS



## ALLEDUPAR





# **IN THE 90`S AND 2000**

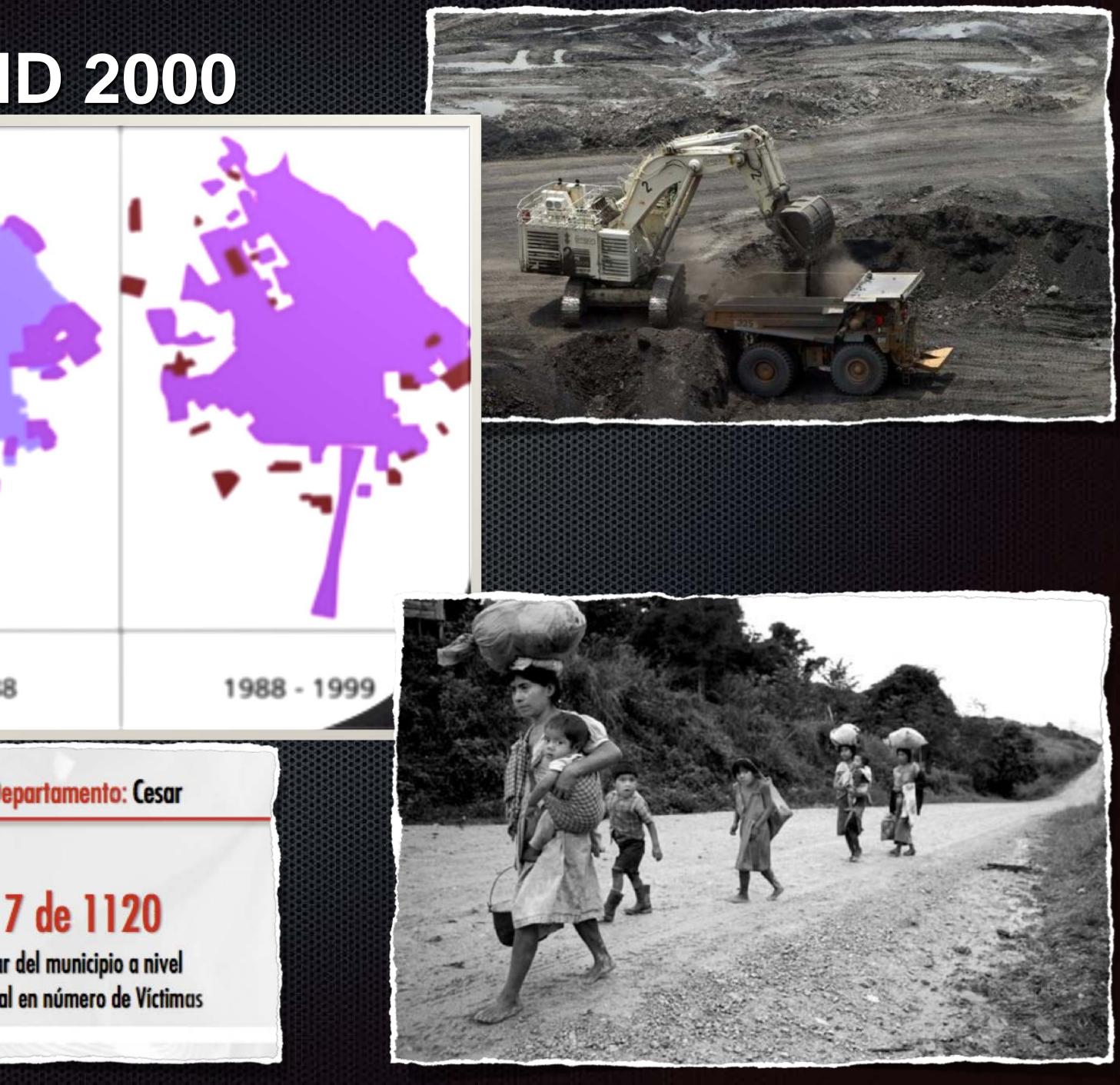
1982 - 1988

### Municipio: Valledupar / Departamento: Cesar

103.814



Lugar del municipio a nivel nacional en número de Víctimas



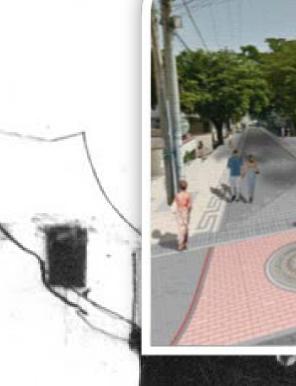
# But in 2012...

Fredys Socarrás Mayor of Valledupar "To be successful in the long term, we must have a serious planning"

"In Valledupar, It is worth dreaming in the imposible"







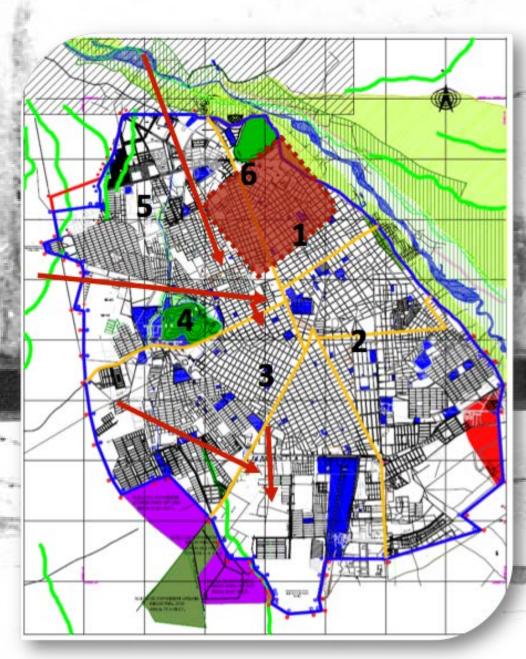
## Plan for preservation and management of the Historic city

Same Part

1000 .....



1. 1. 18 (1995)





## Master plan for public transportation

## Master plan for Wate Sanitation and sewerage

Constant Constant

- and the second

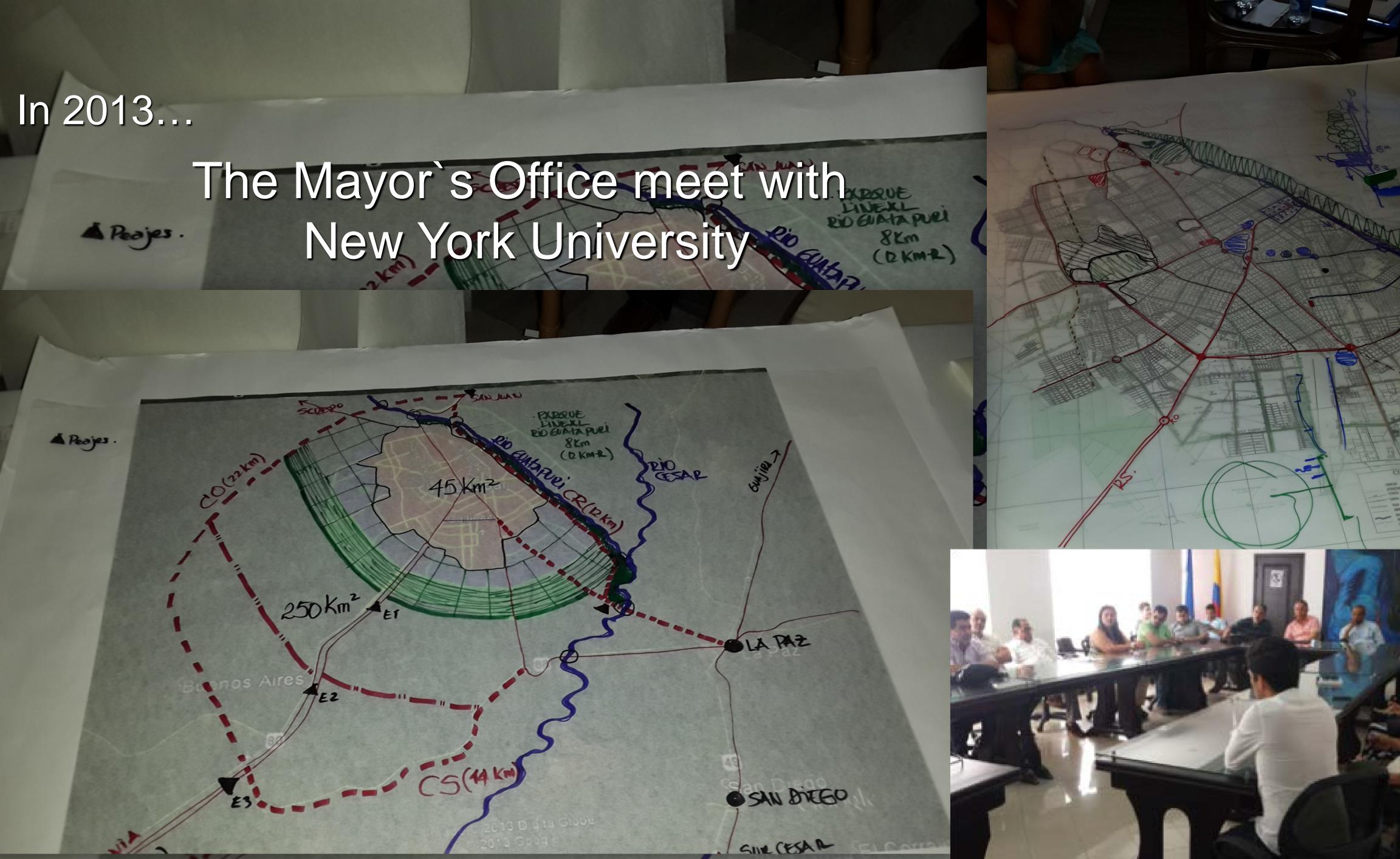
the state

1873 N. 1975

- Carton

Carbon Carbon Contractor







## So we start to Work...

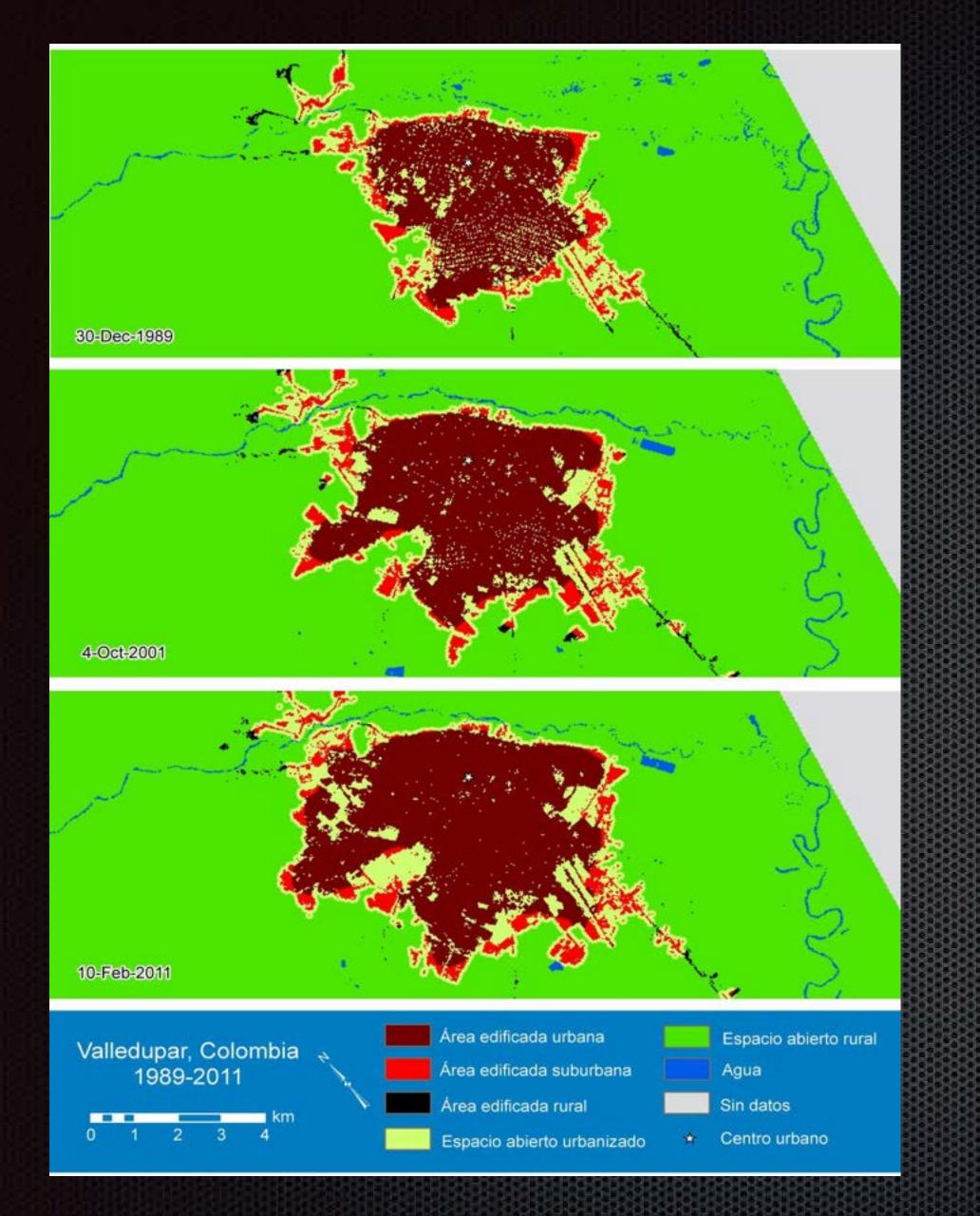
\* Realistic Demographic and **Land Cover Projections** 

**Generous City Limits** 

\* Securing the land for an **Arterial Road Grid** 

**Selective Protection of Public Spaces** 



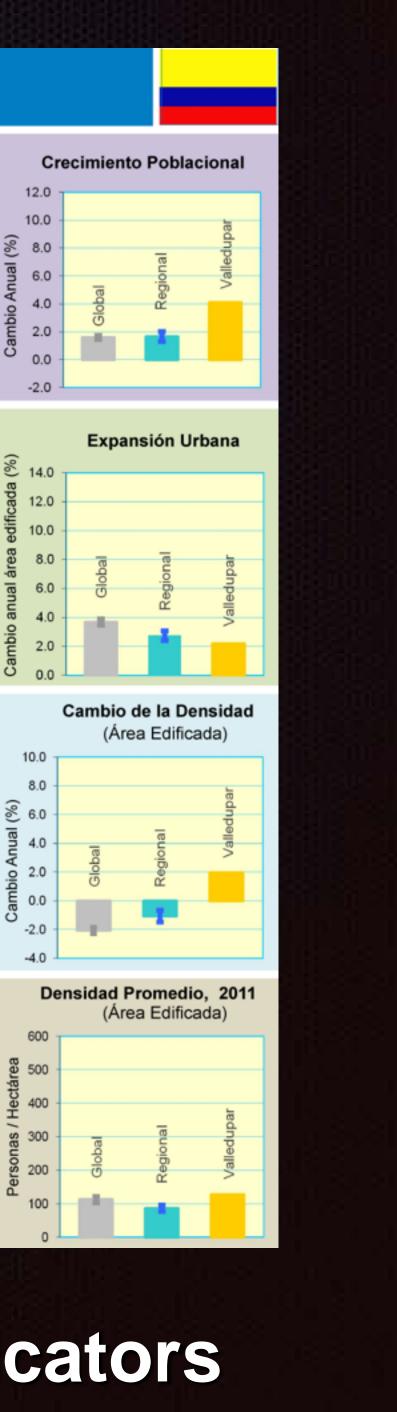


## Mapping Urban Expansion between 1990 to 2010

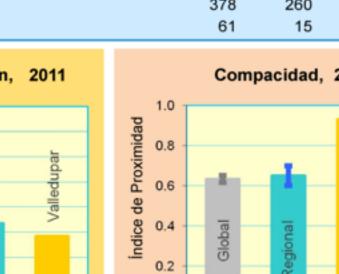
### Valledupar, Colombia (América Latina y El Caribe)



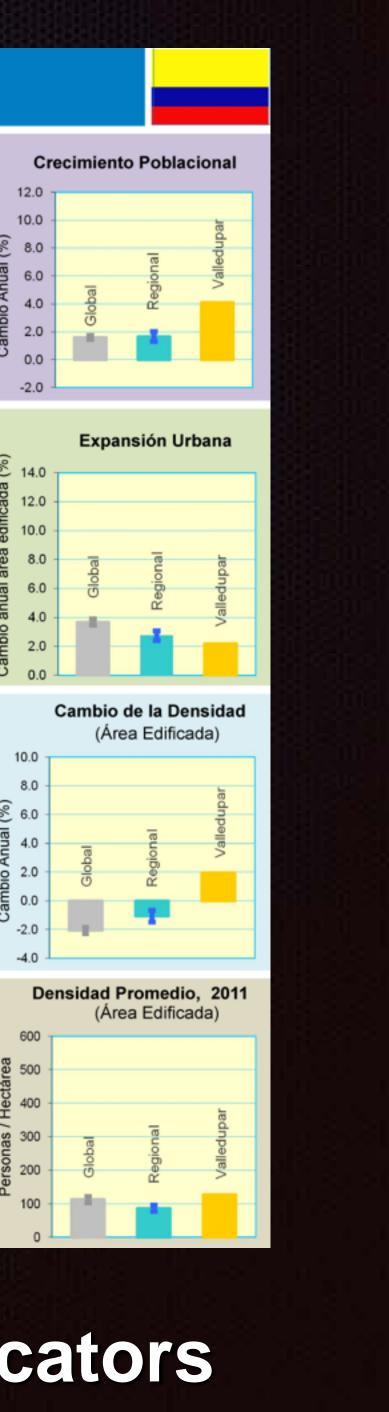


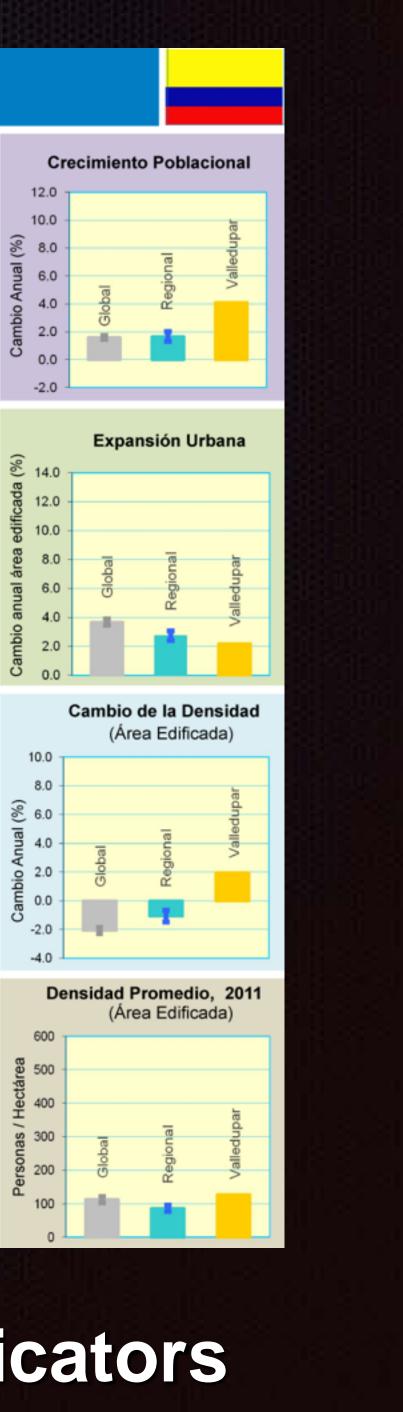


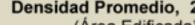
Métrica	Dec. 15, 1989	Oct. 15, 2001	Feb. 11, 2011	Cambio Anual (Porcentaje)
Población	178,452	264,366	359,951	4.1
Área Edificada (Hectáreas)				
Total	1,655	2,392	2,816	2.2
Urbana	1,285	1,923	2,334	2.6
Suburbana	312	398	422	0.8
Rural	58	71	60	-2.2
Espacio Abierto (Hectáreas)				
Espacio Abierto Urbanizado	866	990	1,166	2.2
Huella Urbana	2,521	3,382	3,982	2.2
Densidad (Personas / Hectáreas)				
Densidad del Área Edificada	107.8	110.5	127.8	1.9
Densidad de la Huella Urbana	70.8	78.2	90.4	1.9
Fragmentación				
Huella Urbana / Área Edificada	1.52	1.41	1.41	0.00
Índice de Apertura	0.33	0.27	0.25	-1.03
Compacidad (Redondez)				
Proximidad	0.90	0.91	0.93	0.29
Cohesión	0.89	0.91	0.92	0.15
Nuevo Desarrollo (Hectáreas)				
Relleno		226	109	-9.7
Extensión		378	260	-5.0
Discontinuidad		61	15	-18.7

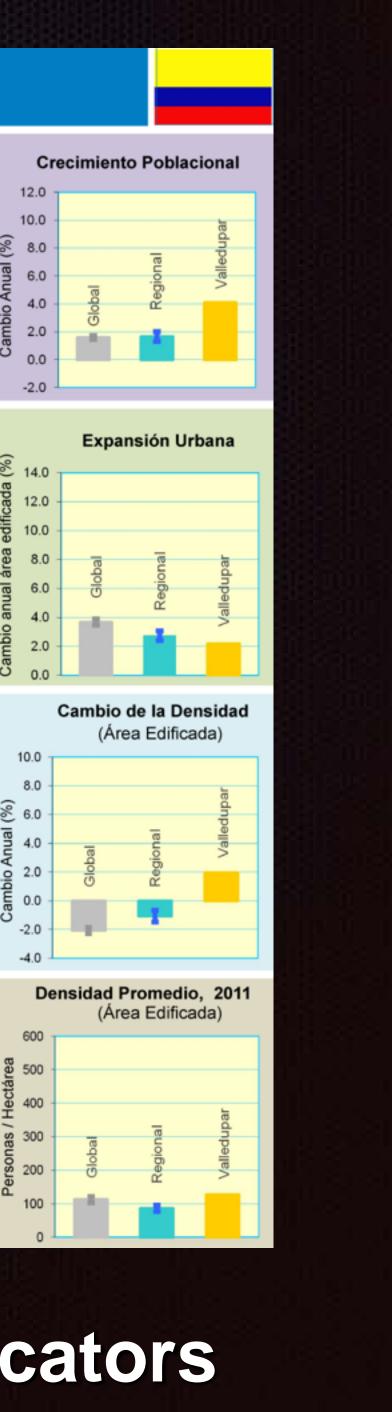




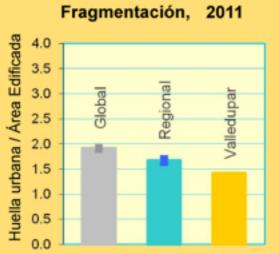


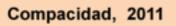






## **Base Line Indicators**



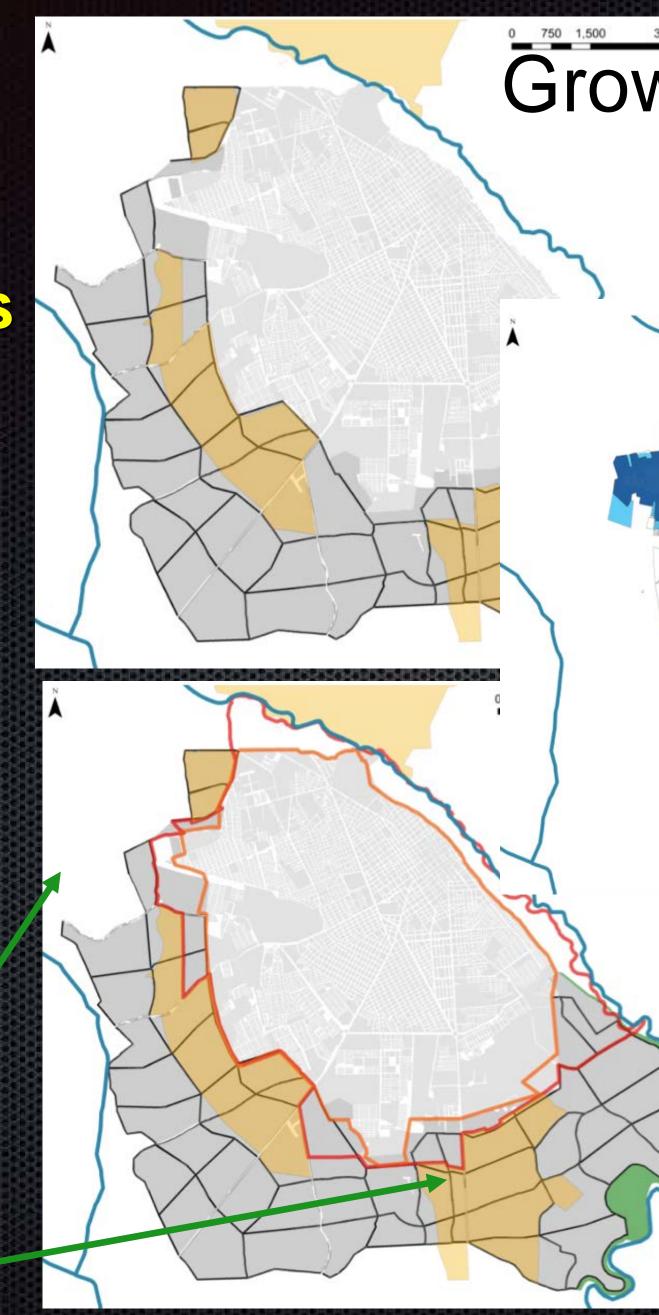




Suitable area for Expansion Cadaster Analysis Possible Scenarios of Arterial grid

Definition of Area of Expansion





Growth of Valedupar 2011-20

Image: constraint of the second of the se

Legend Fidrografie Area Expansion POT Perimetro urbano 201 Perimetro urbano 201 Area Expansion Uso Intervias Parque\_rio Vias

Manzanas



e 490 980 1.960





# Next challenges...

\* Public Spaces Business Plan\* Define the final street map



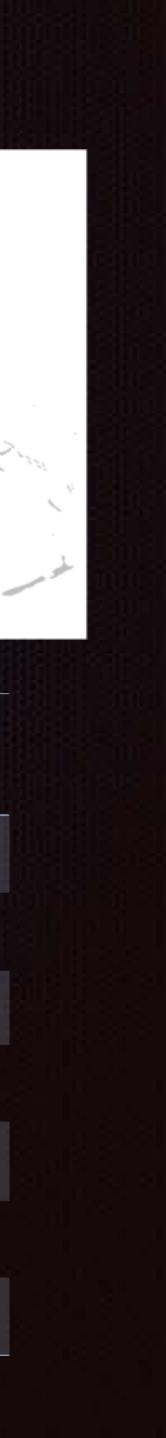
# CASE STUDIES

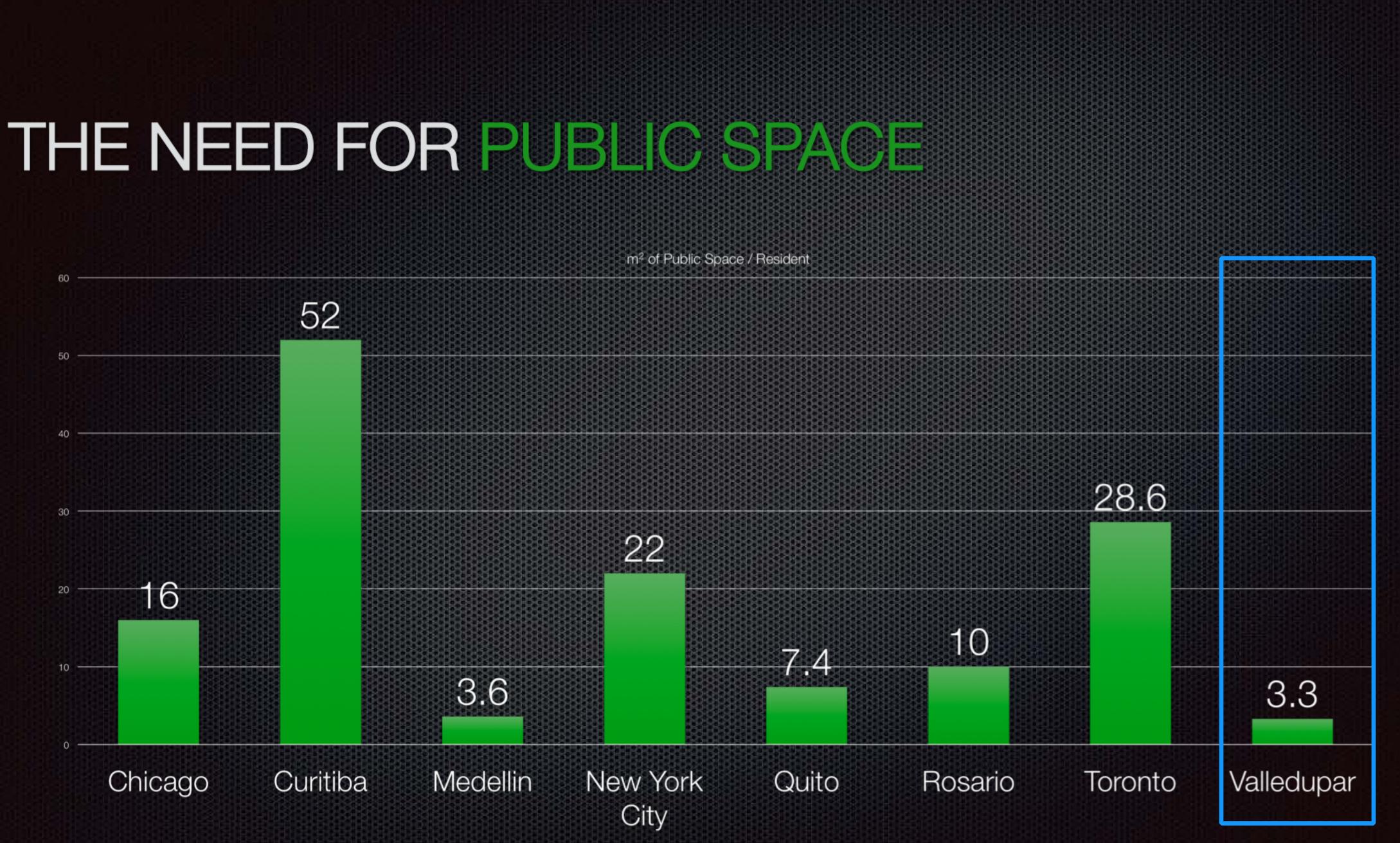
Looking at how different cities have managed public space and their extent of community engagement

## LOCATION

Chicago, Illinois (US) Curitiba, Brazil Medellin, Colombia New York, New York (US) Quito, Ecuador Rosario, Argentina Toronto, Canada

ILATION (metro)	PUBLIC SPACE/ CAPITA
8.6 M	16 m <sup>2</sup>
3.26 M	52 m²
3.6 M	3.6 m <sup>2</sup>
19.8 M	22 m <sup>2</sup>
2.6 M	7.4 m <sup>2</sup>
1.2 M	10 m <sup>2</sup>
6 M	28.6 m <sup>2</sup>







# Niguel Villazón Blay Alcaldía Valledupar

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https://www.youtube.com/watch?v=0tVpkeE

