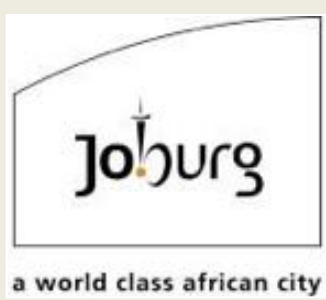




# BUILT ENVIRONMENT INTERVENTIONS FOR ECO-MOBILITY

06 OCTOBER 2015



**5%**

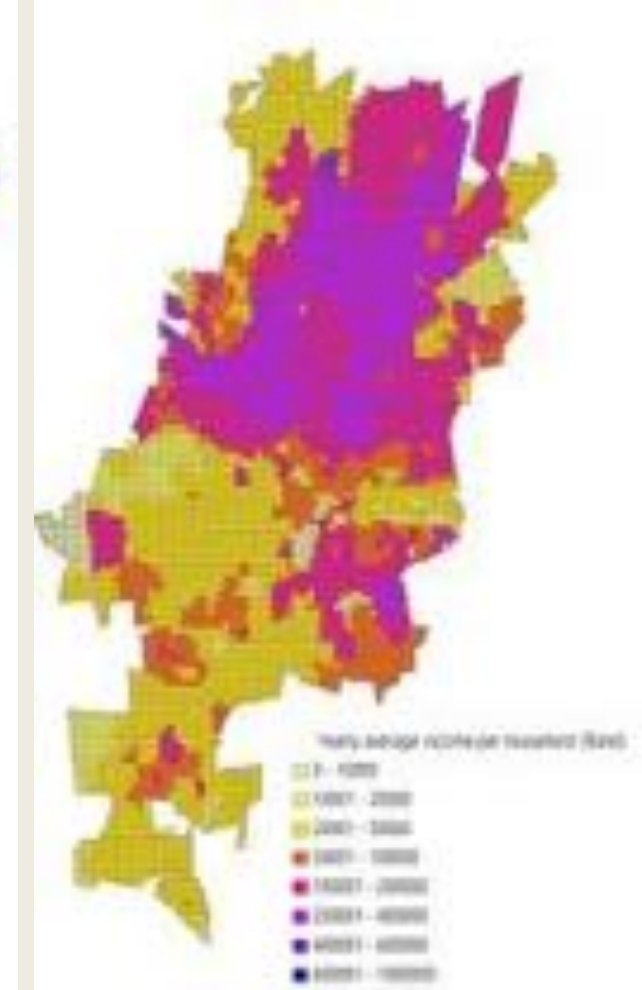
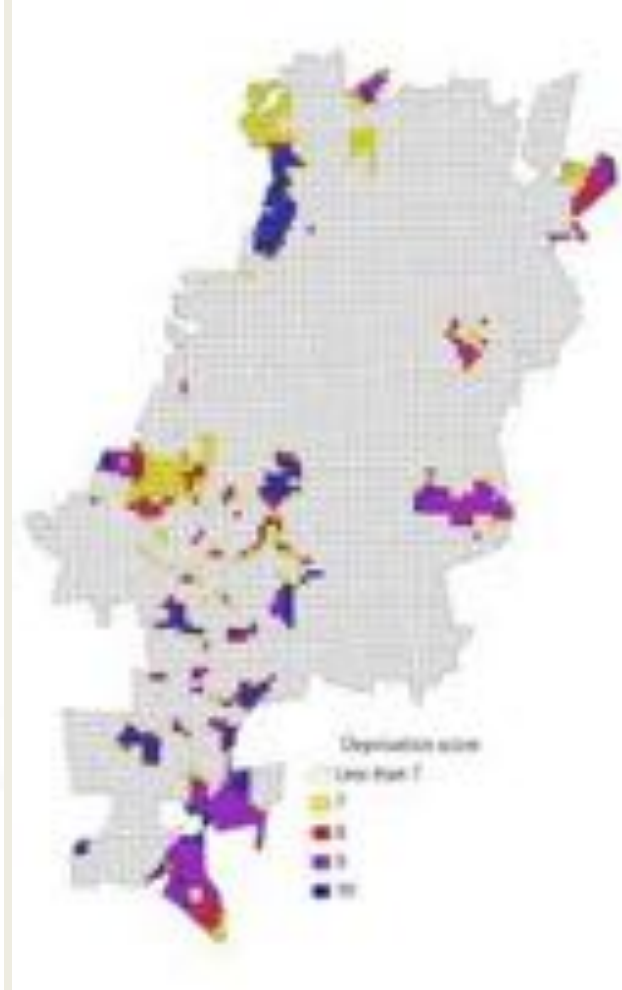
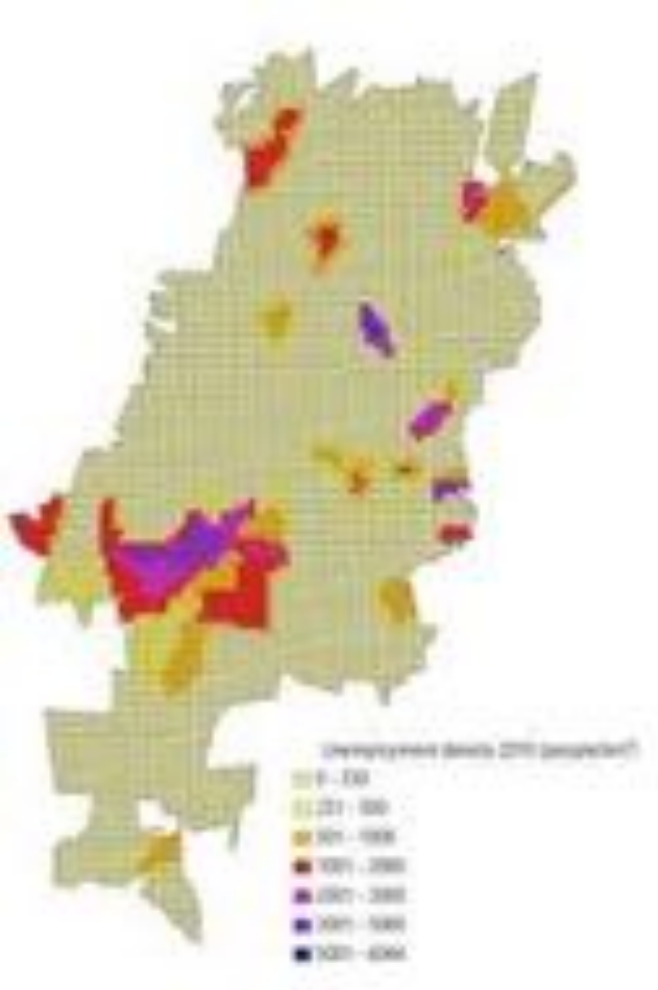
of the metropolitan area hosts 1/3 of the inhabitants

**3%**

of the metropolitan area hosts 1/3 of the jobs

**0.3%**

of the metropolitan area matches high jobs & population density



## UNEMPLOYMENT

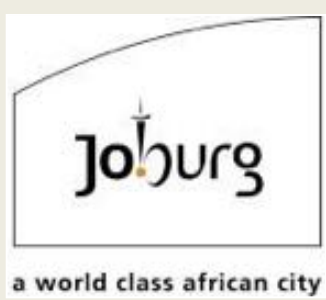
Concentrated in high density residential areas

## DEPRIVATION

Concentrated in high density residential areas

## INCOMES

Concentrated in low density northern suburbs

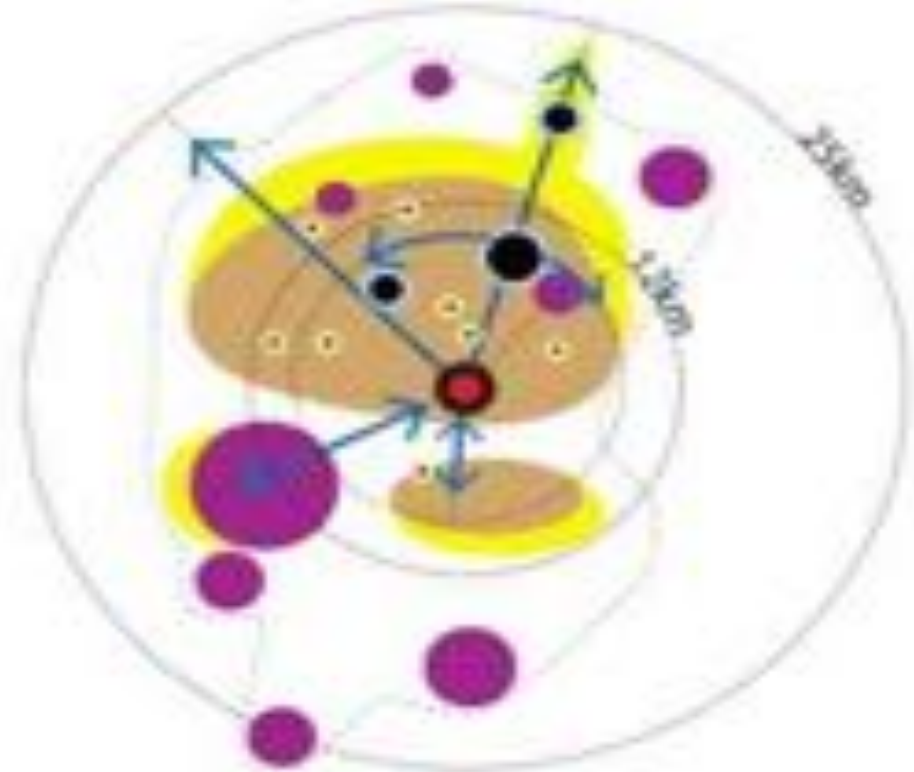
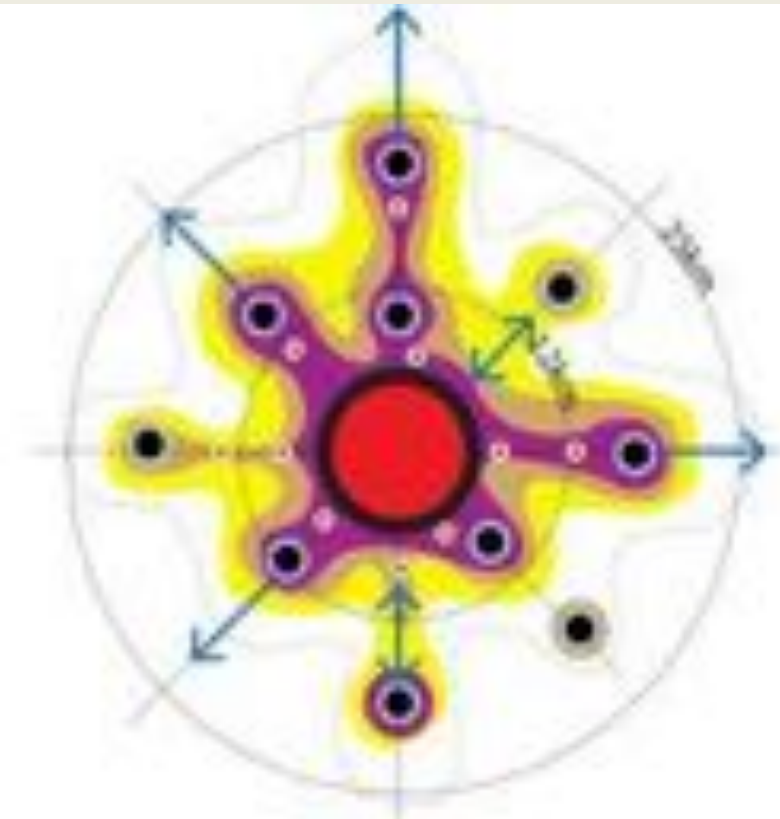


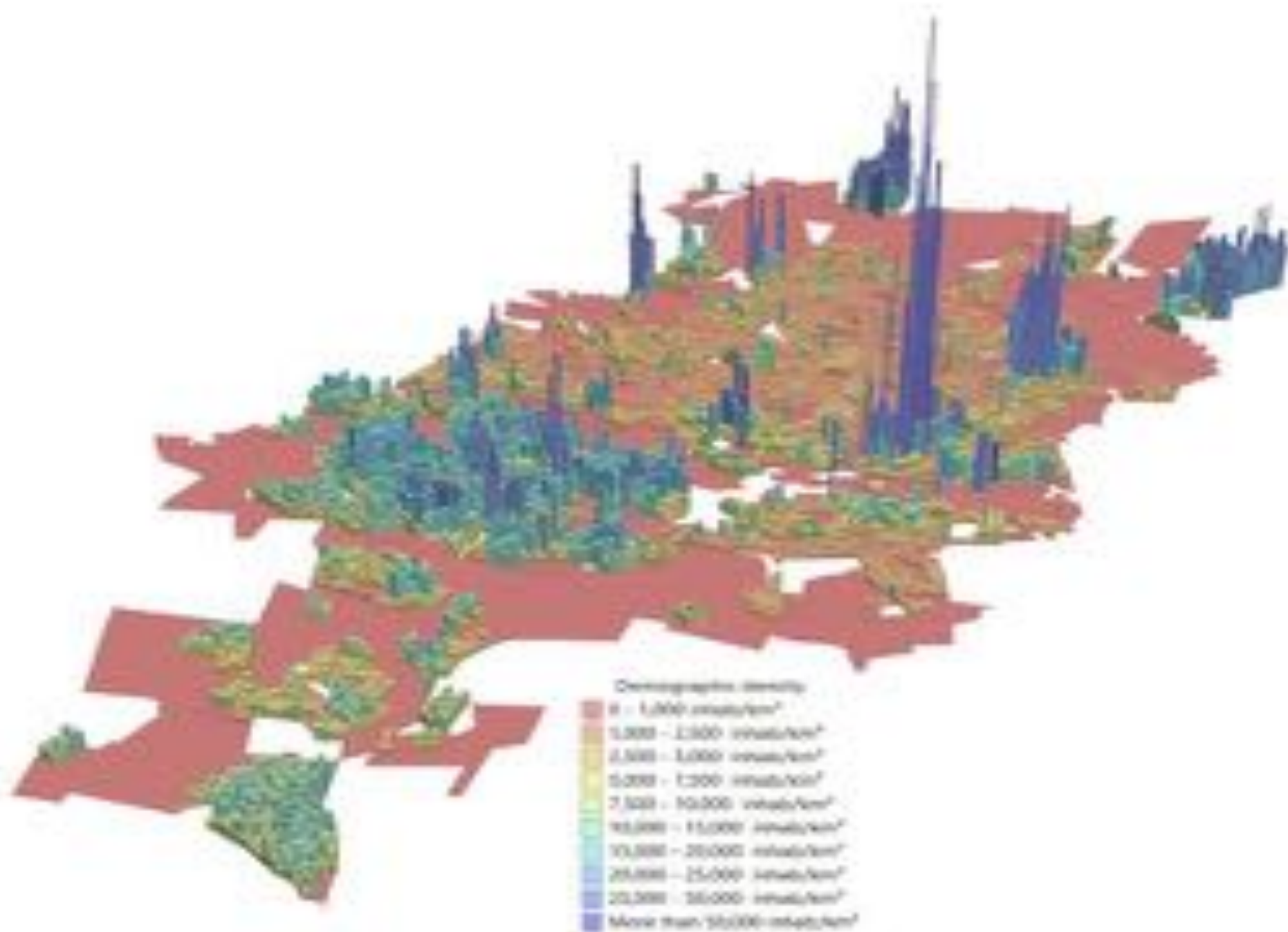
2

times more CO2 per capita in Joburg than in Seoul

4

times more CO2 per unit of GDP in Joburg than in Paris



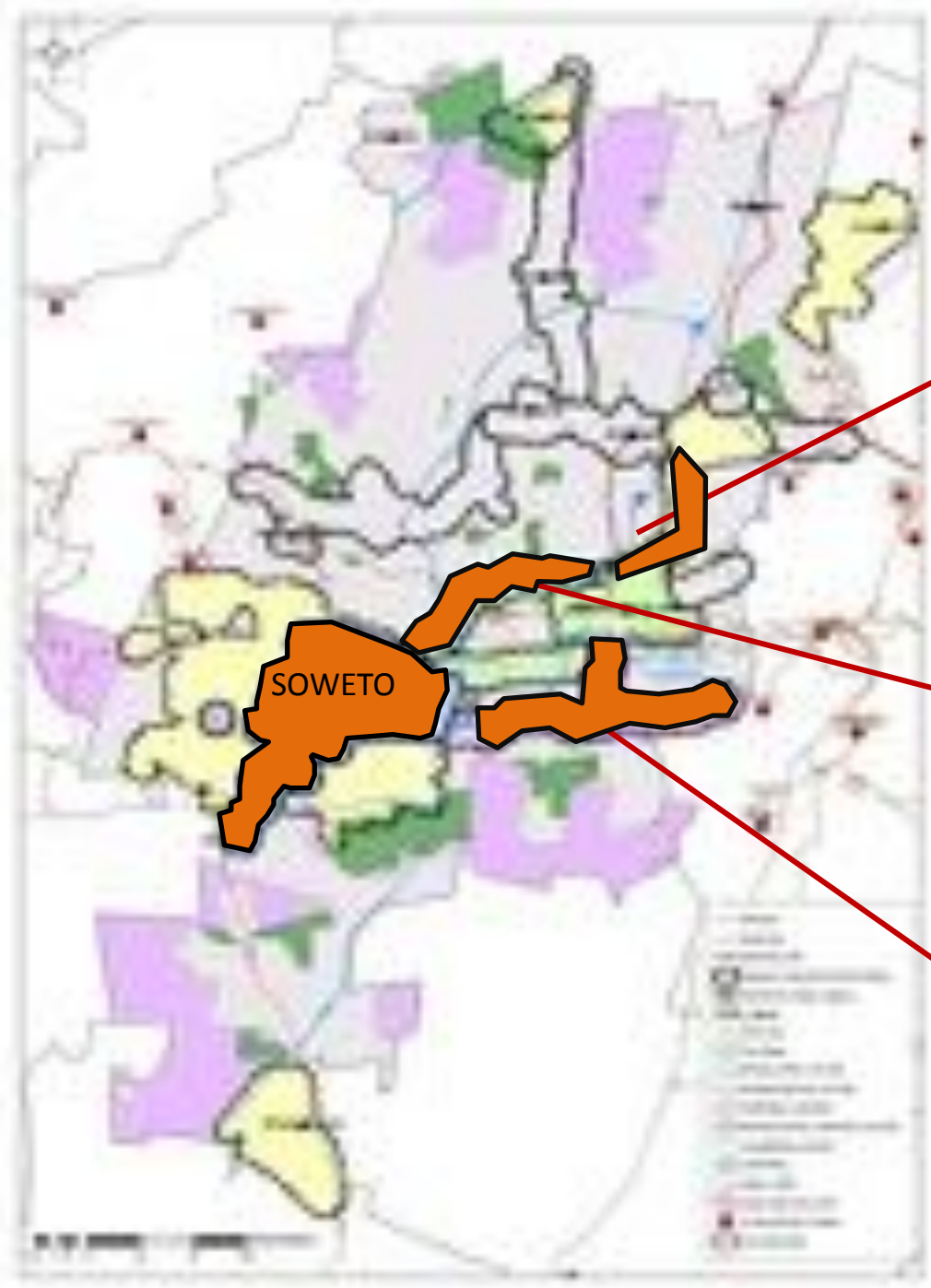


*“Corridors of Freedom* are fundamentally about realising the agreed-to national programme of building a non-racial, non-sexist socially and economically cohesive South Africa, using instruments such as Transit Orientated Development (TOD) and corridor development to transform space and our relationship with it.

*Corridors of Freedom* are an antithesis to the apartheid spatial form, which will birth a fundamentally different society to the one we inherited in 1994.”

Executive Mayor Parks Tau- 2013





# CORRIDORS OF FREEDOM

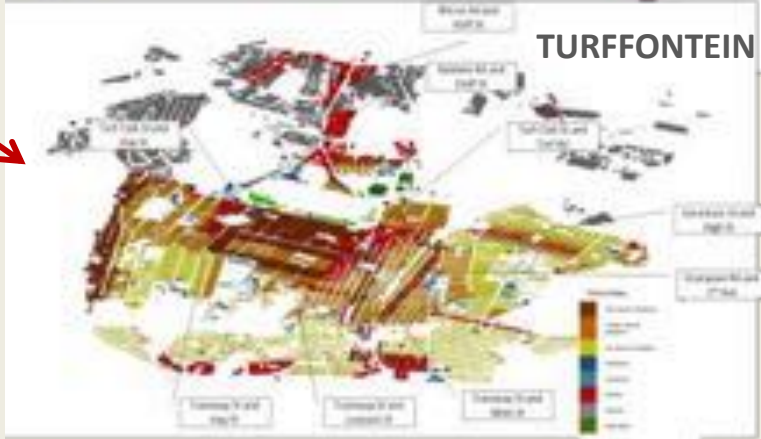
LOUIS BOTHA



EMPIRE PERTH



TURFFONTEIN



# CORRIDORS OF FREEDOM

Compact and intense



CURRENT EMPLOYEES: 132 347



CURRENT POPULATION FOCUS AREA: 25 242



OTHER POPULATION FOCUS AREA: 155 245

POPULATION



6 924 (Density per km<sup>2</sup>)



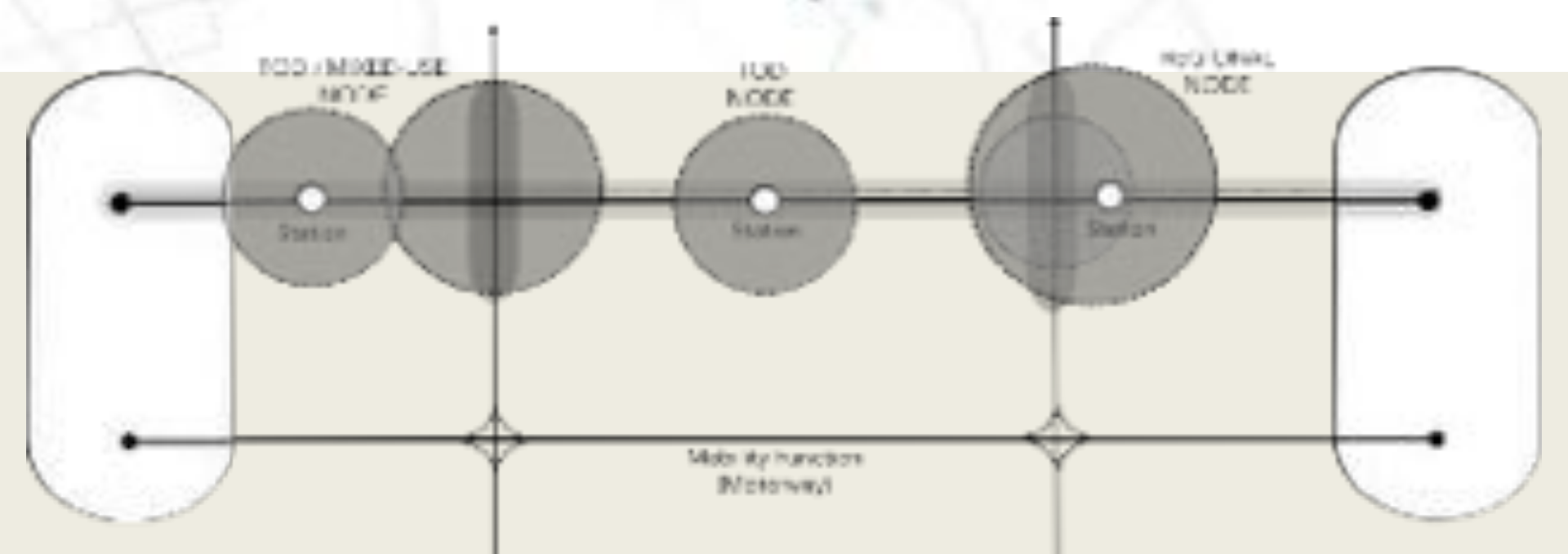
7 094

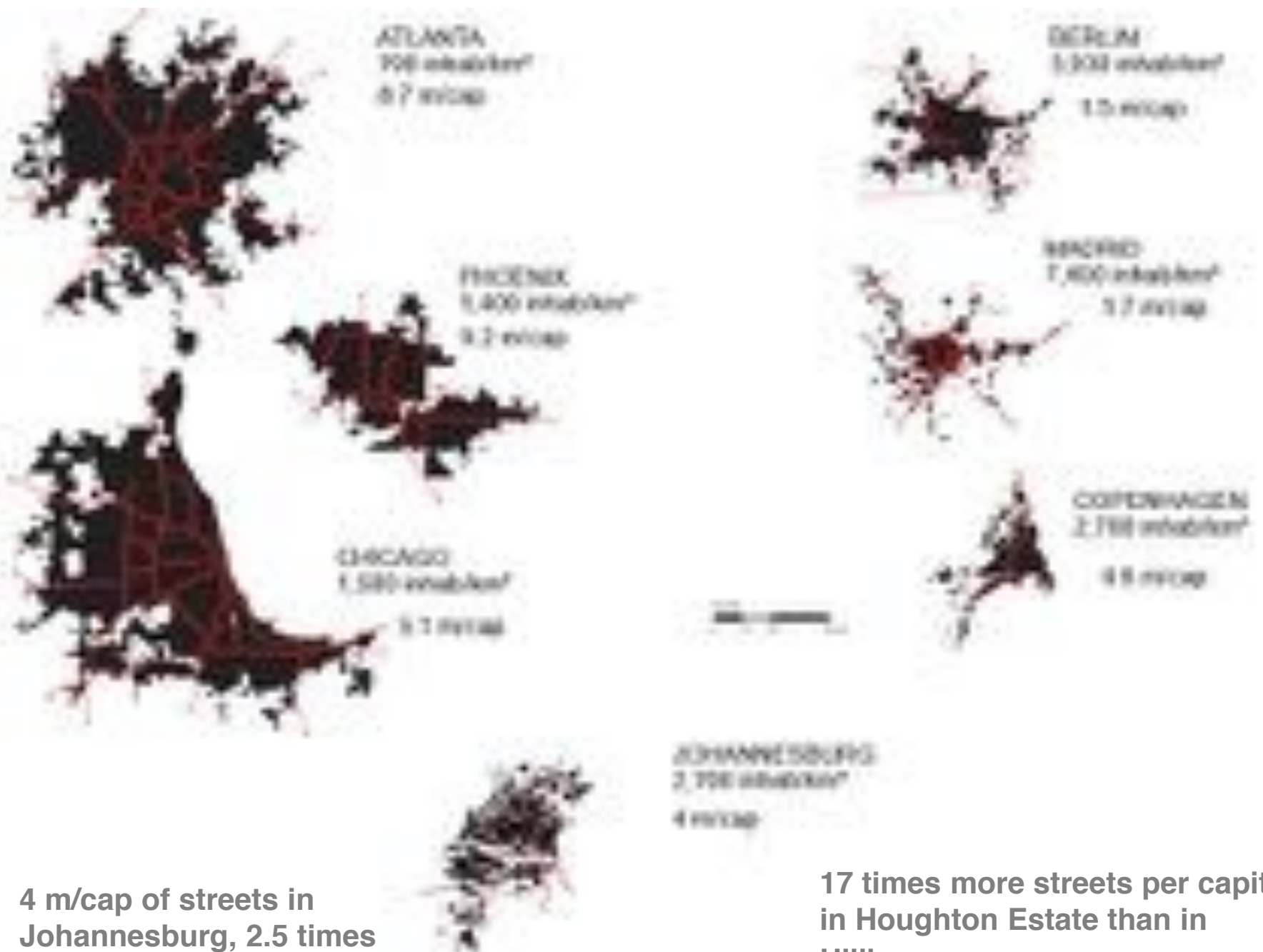


43 632

DENSITY (P/km<sup>2</sup>)





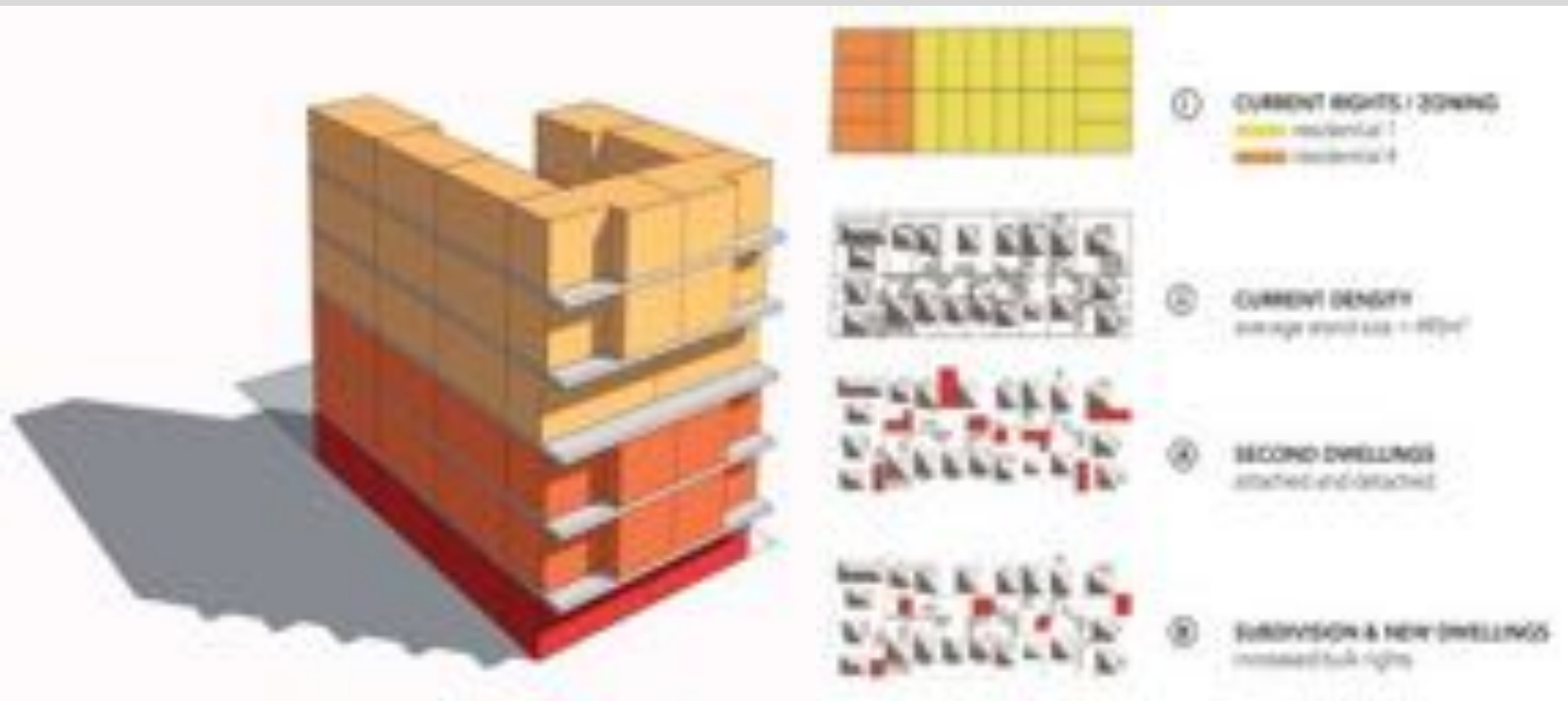


4 m/cap of streets in Johannesburg, 2.5 times more than in Berlin or Madrid

17 times more streets per capita in Houghton Estate than in Hillbrow.

# CORRIDORS OF FREEDOM

Multiple development objectives



ACTIVE STREET EDGES

PROGRESSIVE DENSIFICATION

# CORRIDORS OF FREEDOM

Multiple development objectives



ENHANCE CONNECTIVITY



CLUSTER SOCIAL INFRASTRUCTURE

The logo for Joburg, featuring the word "Joburg" in a stylized font with a small tower icon above the letter 'o'.

a world class african city

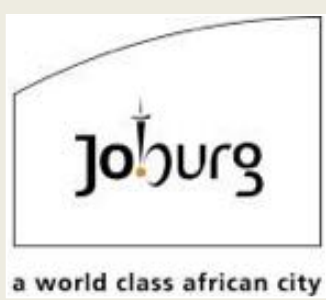
# CORRIDORS OF FREEDOM

Multiple development objectives



ENHANCE ENVIRONMENTAL ASSETS

HERITAGE



**PERMISSIVE & PREDICTABLE POLICY**

**BUDGET**

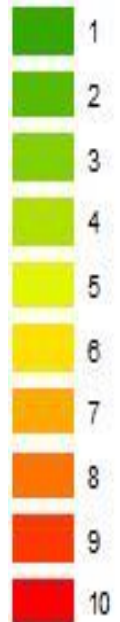
**INCENTIVES**

**INSTITUTIONAL AGILITY?**

# ADDRESSING DEPRIVATION LEVELS & CONNECTIVITY THROUGH SPATIAL RESTRUCTURING



[www.corridorsoffreedom.com](http://www.corridorsoffreedom.com)





Johannesburg  
South Africa  
1-31 October

*Eco* *Mobility*  
*World Festival*  
*2015*