

# STATE OF ENERGY IN SOUTH AFRICAN CITIES

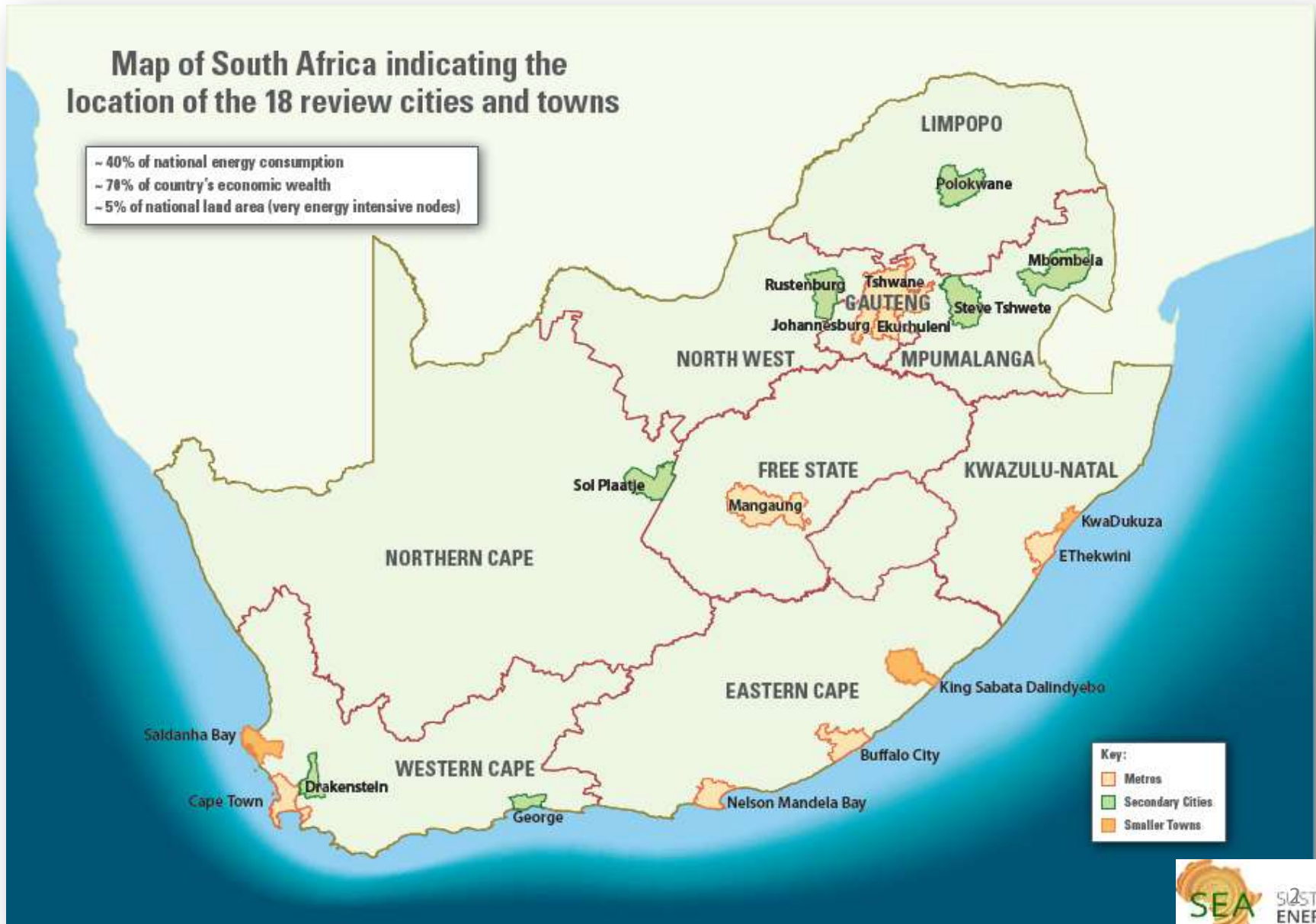


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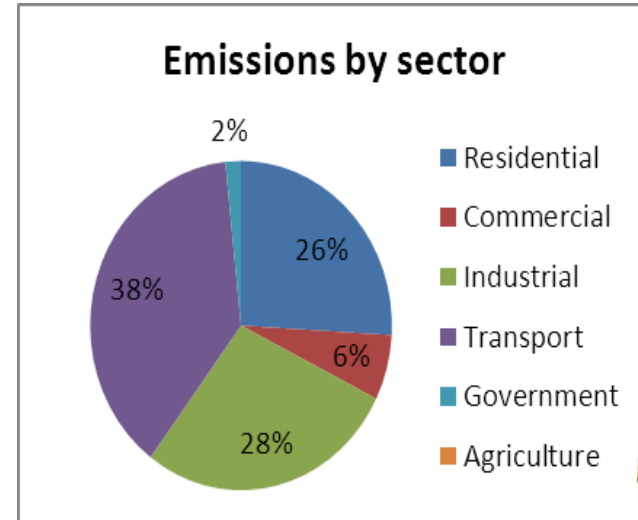
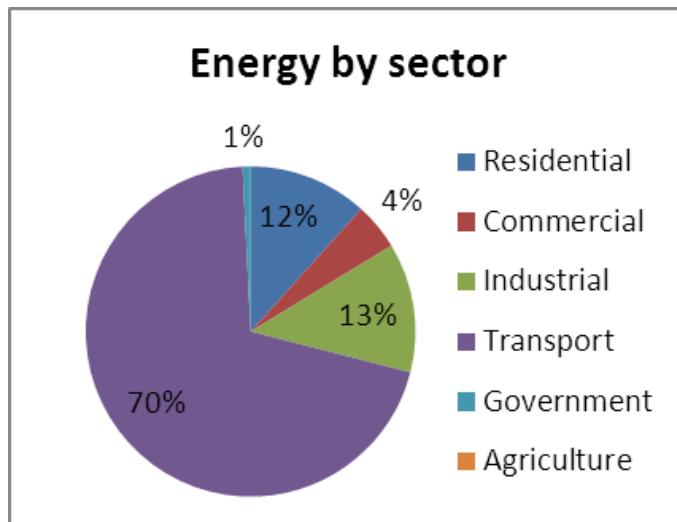
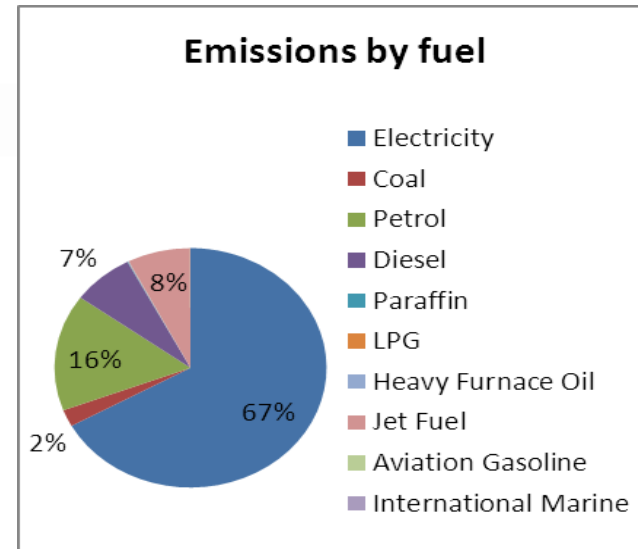
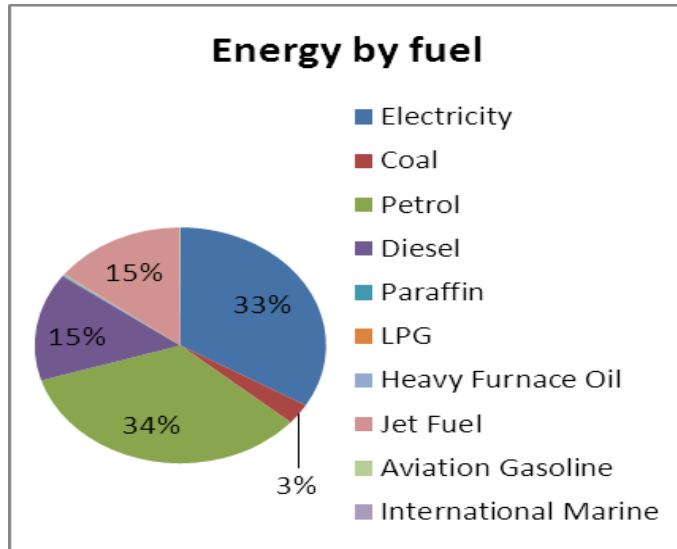


SUSTAINABLE  
ENERGY  
AFRICA

# Cities are a very energy intensive part of the national profile



# The Metro Energy and Emissions Picture



# The 10 Key Findings



# Urban Energy Trends

1. Energy consumption has increased in absolute terms.
2. Electricity consumption has decreased in absolute terms since 2007.
3. The energy intensity of the economy appears to be steadily improving.
4. The emission intensity of the economy is decreasing in metros.

# Theme areas

## 5. Energy Access



## 6. Renewable Energy – happening but still in its infancy



## 7. Energy Efficiency

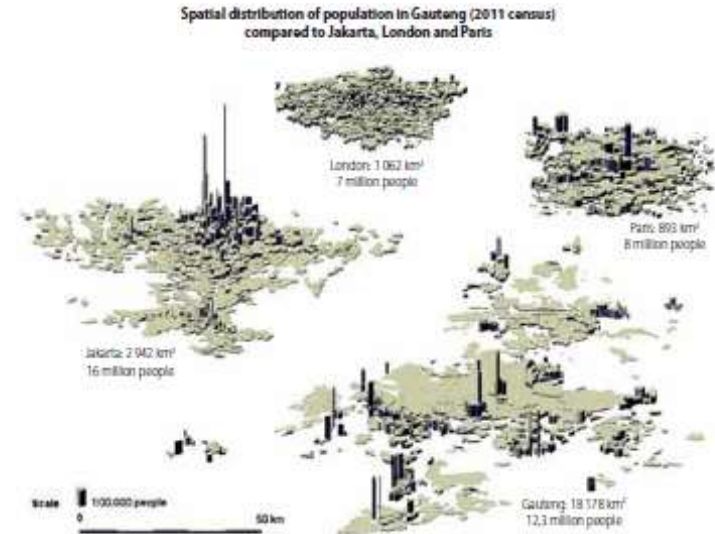


# Theme areas

## 8. Urban form

## 9. Transport

## 8. Governance



Source: DOT (2011)

Figure 26: Spatial distribution of population in Gauteng, Jakarta, London and Paris



# Way Forward

Cities if managed well provide an opportunity for a better life for all.



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# Thank You



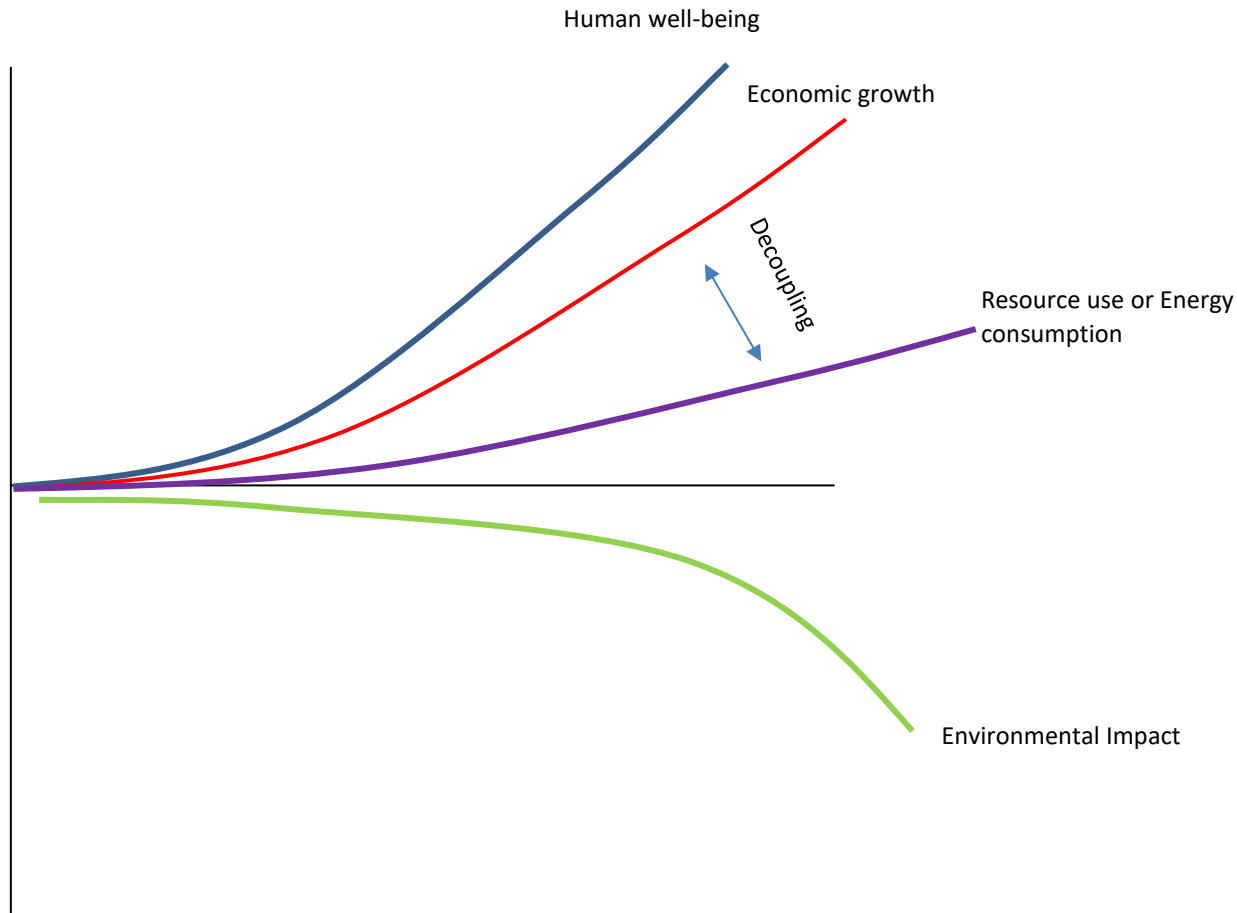
For more information:

[www.cityenergy.org.za](http://www.cityenergy.org.za)

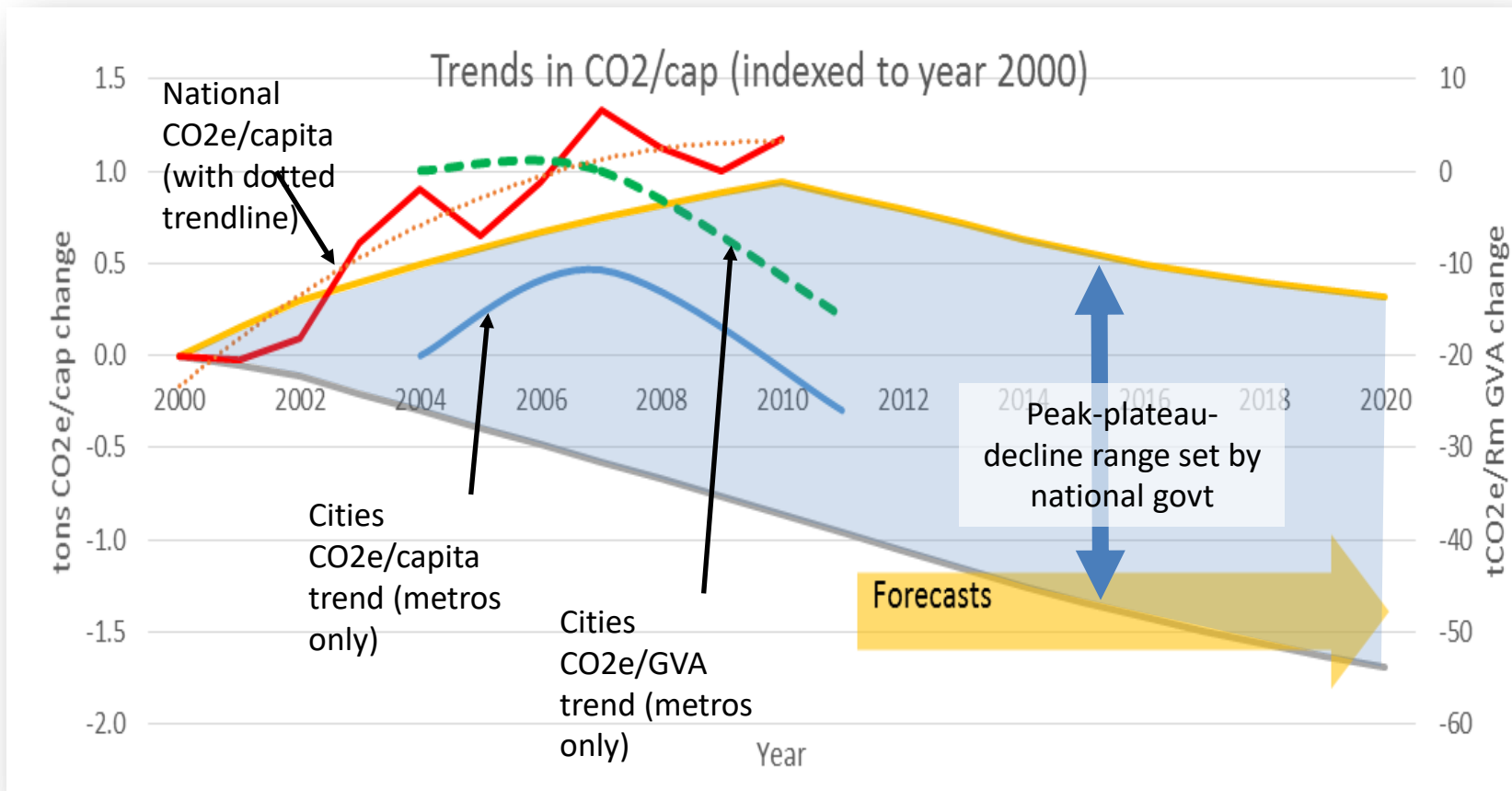
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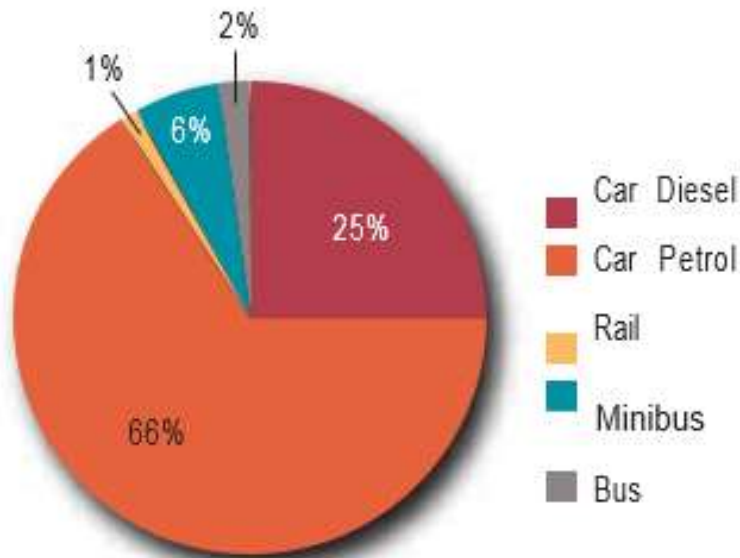
Tel: 021 702 3622

# Decoupling of economic growth and energy consumption is the desirable growth trajectory of a Sustainable City

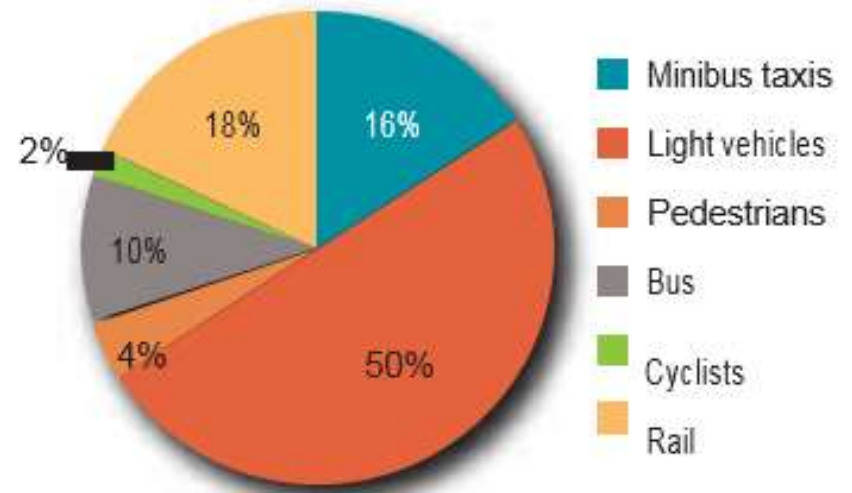


# Metro Energy and Emissions Trends against National Trends





Metro passenger transport  
(energy consumption)



Metro passenger transport  
(passenger numbers)

# Cities are Key

