

Sustainability in Cape Town's Central City



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881 000
Tonnes of CO₂ per year

The carbon footprint of the central city in 2012

Where do the central city's carbon emissions come from?

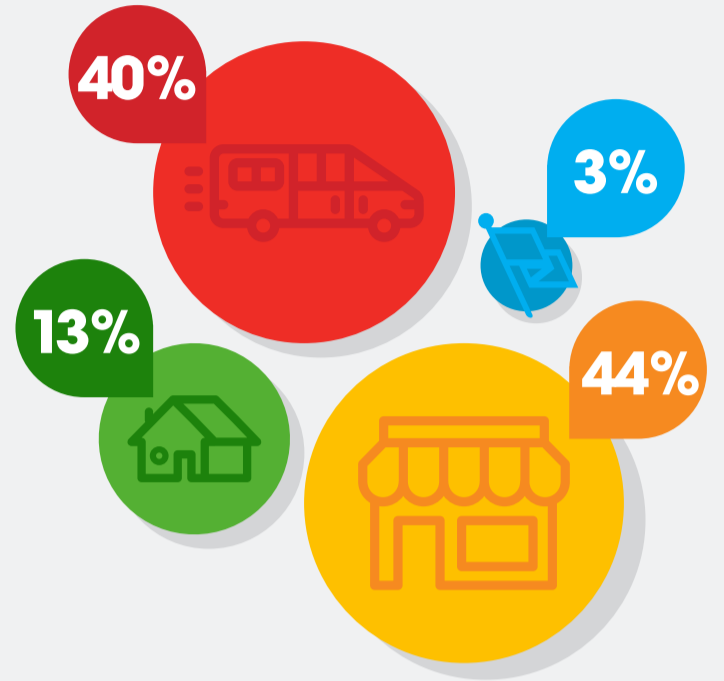


7 100 TERA JOULES

Energy consumed annually in the central city

12 600 TERAJOULES

The energy needed by the central city to power itself in 2030 if we do nothing to change our use



300 000



The number of commuters who come in and go out of the central city daily across all forms of transport

40%



Economic contribution of the greater central city area to the economy of Cape Town metro-region

Commercial buildings (retail, office & lodging)

Transportation

Residential buildings

Government buildings

7.8 tonnes



Average annual emission of CO₂ per capita in the Cape Town metro-region

WHAT'S A GIGA JOULE?



One million joules, or enough energy to keep a 60-watt light bulb lit non-stop for six months

WHAT'S A TERA JOULE?



One trillion joules, or enough electricity to power your entire home for about thirty years

Which sectors consume the most energy in the central city?

69% Transportation
23% Commercial
6% Residential
2% Government

