

Central Bedfordshire – a Carbon Quilt Case Study

Central Bedfordshire Council has become the first local authority in the UK to use the 'visual language' of the Carbon Quilt in communicating carbon footprints and targets to key stakeholders and staff.



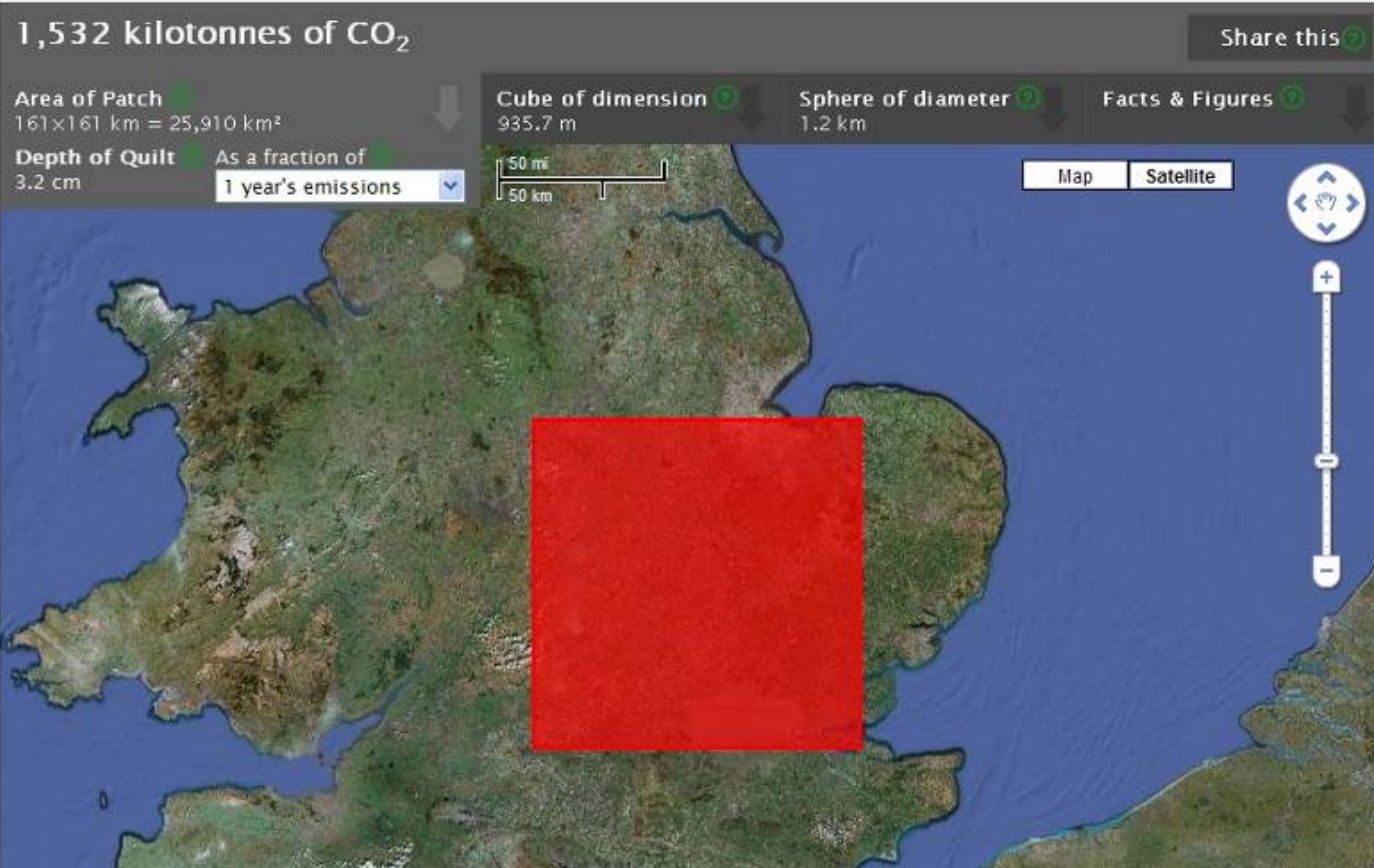
The Carbon Quilt team produced images of:

- overall carbon footprint of the whole area
- breakdown into industrial & commercial, domestic & road transport
- 'per-capita' version as a 15m high 'block'
- domestic daily emissions
- Council emissions & target reductions to 2020.

A whole new group of people now need to understand the carbon footprint resulting from activities that fall within their responsibility.

Stephen Mooring
Climate Change/Sustainability Policy Advisor
Central Bedfordshire Council

Emissions Explorer kilotonnes of CO₂

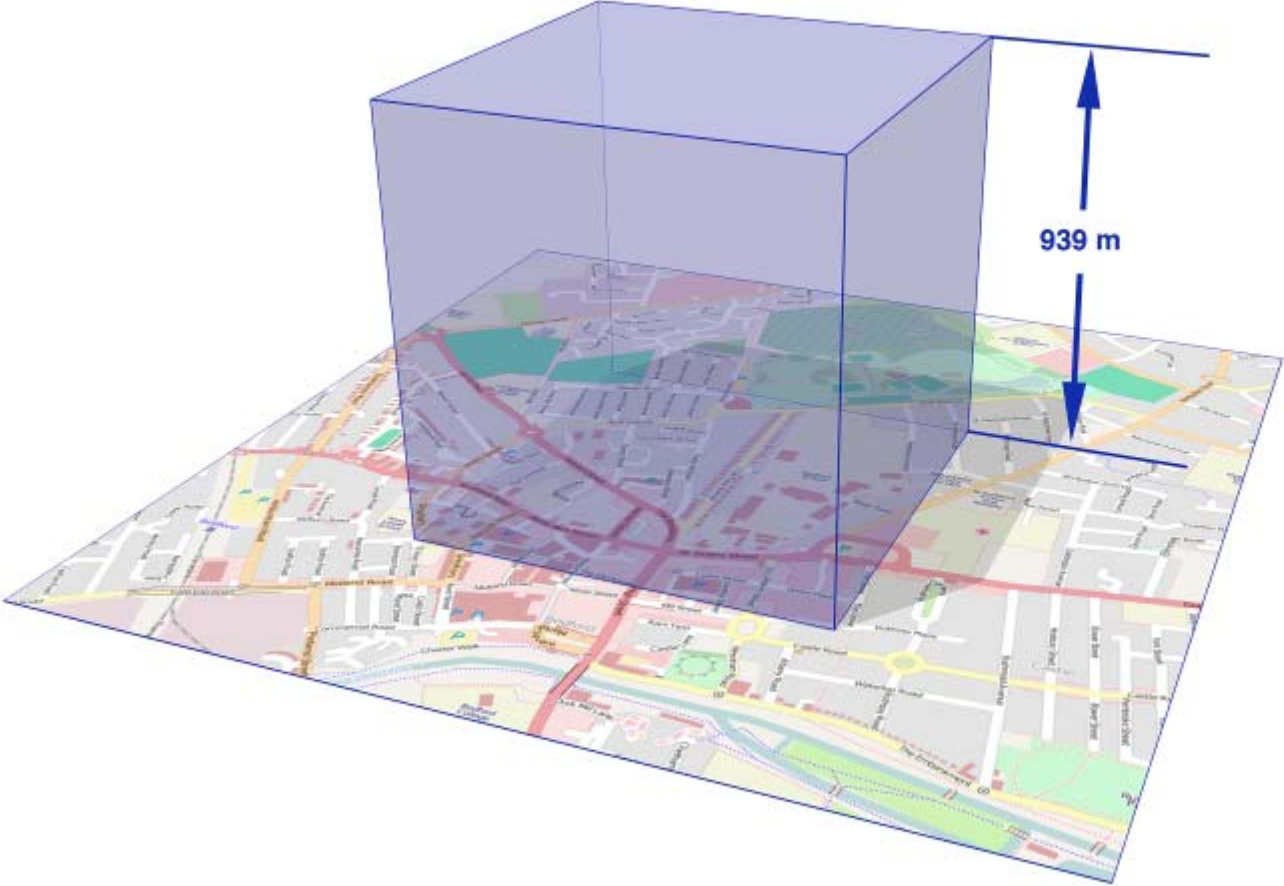


Central Bedfordshire's annual emissions
as a 'patch' of the Carbon Quilt

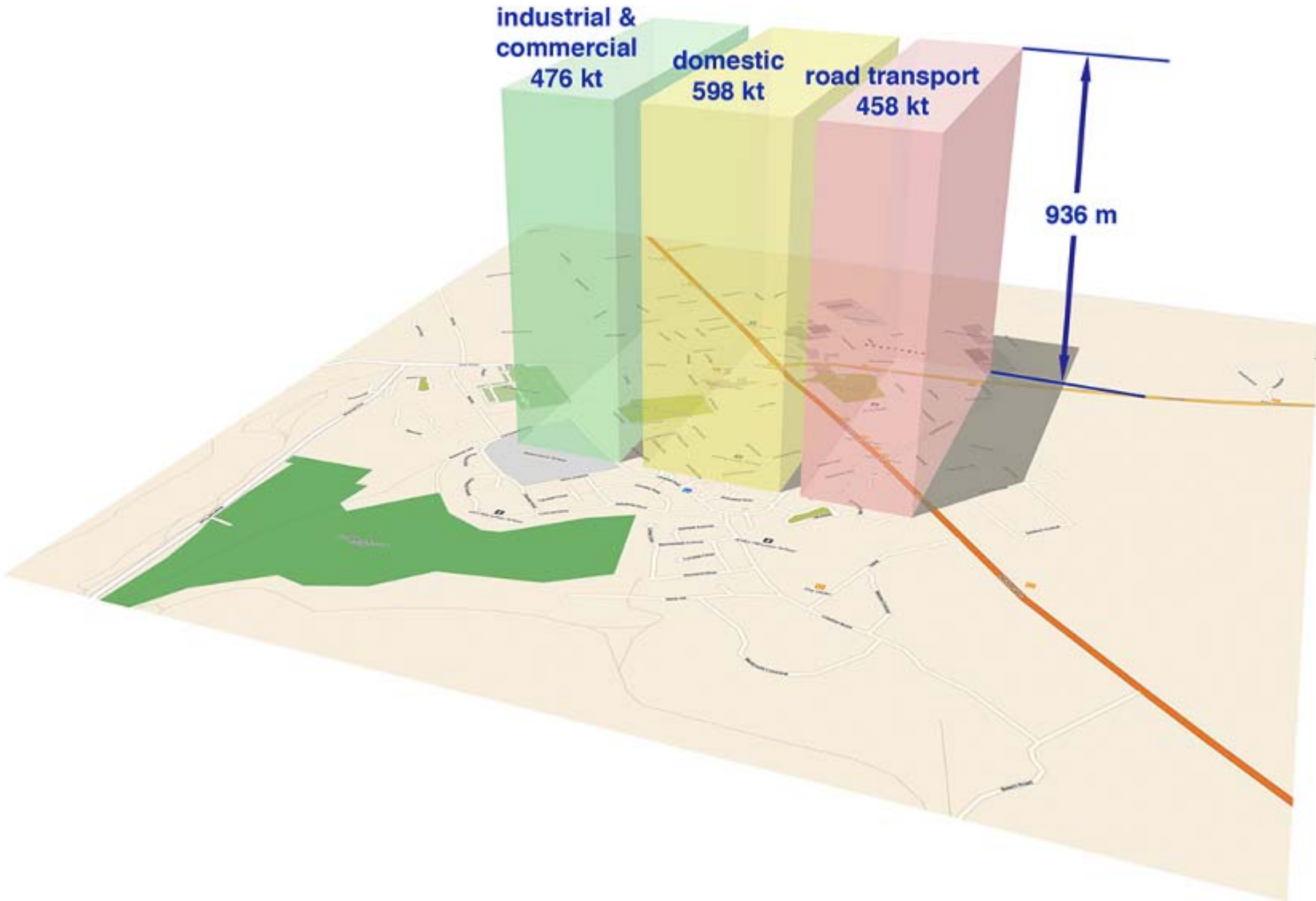
Bedfordshire carbon footprint 2005



Bedfordshire carbon footprint 2005



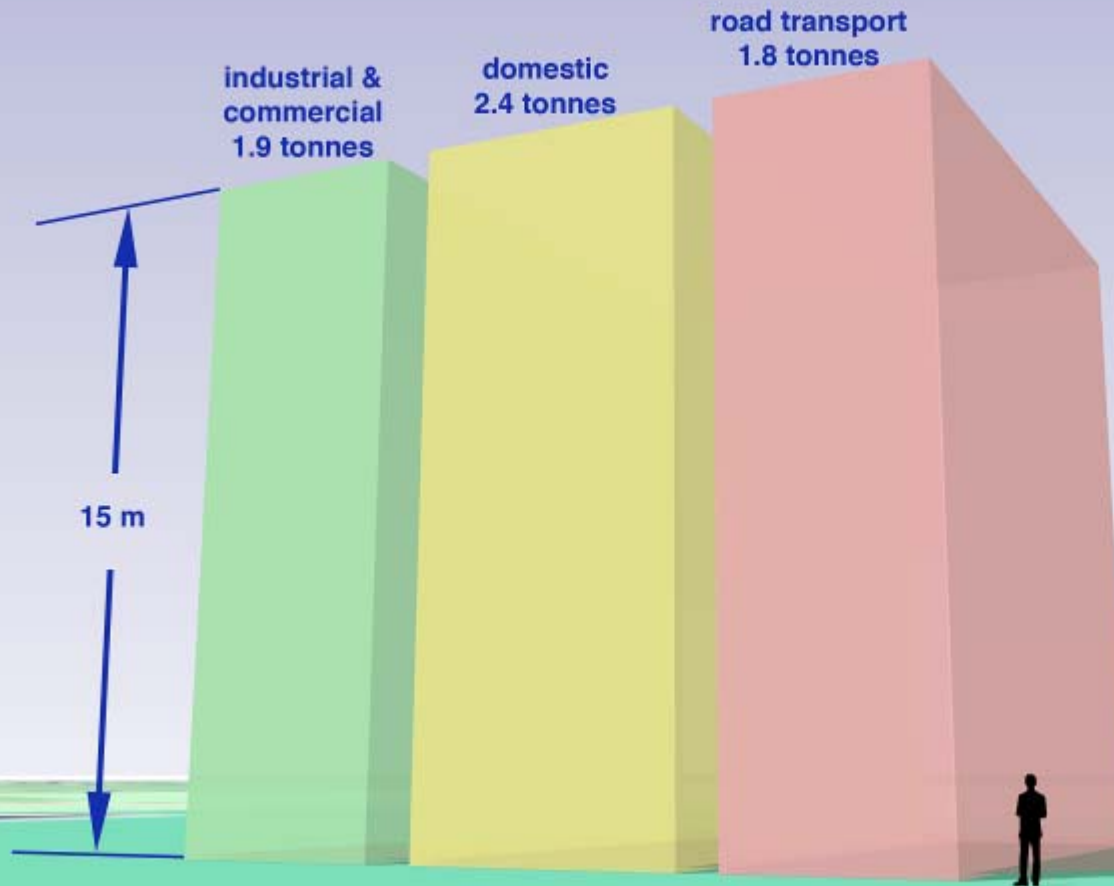
Central Beds. carbon footprint 2007



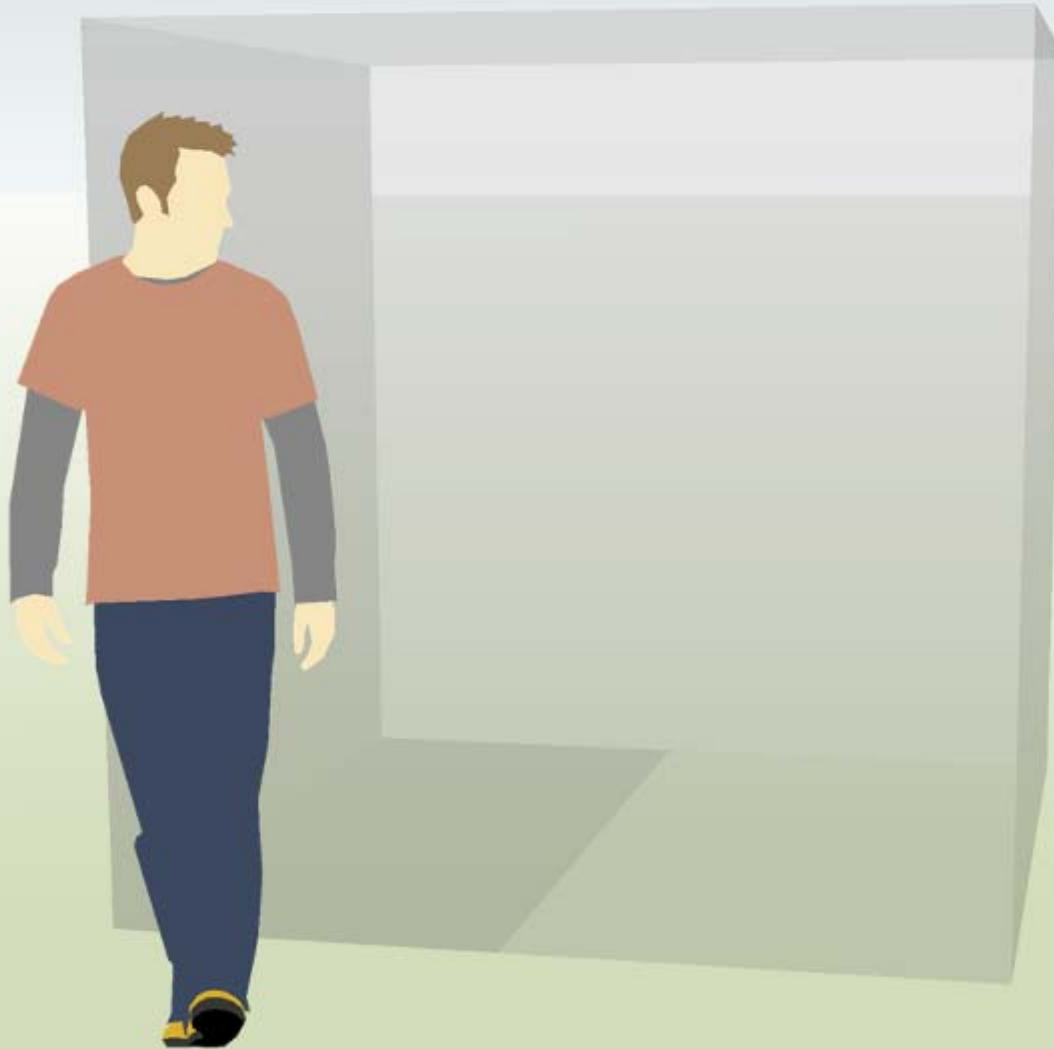
per capita emissions 2007



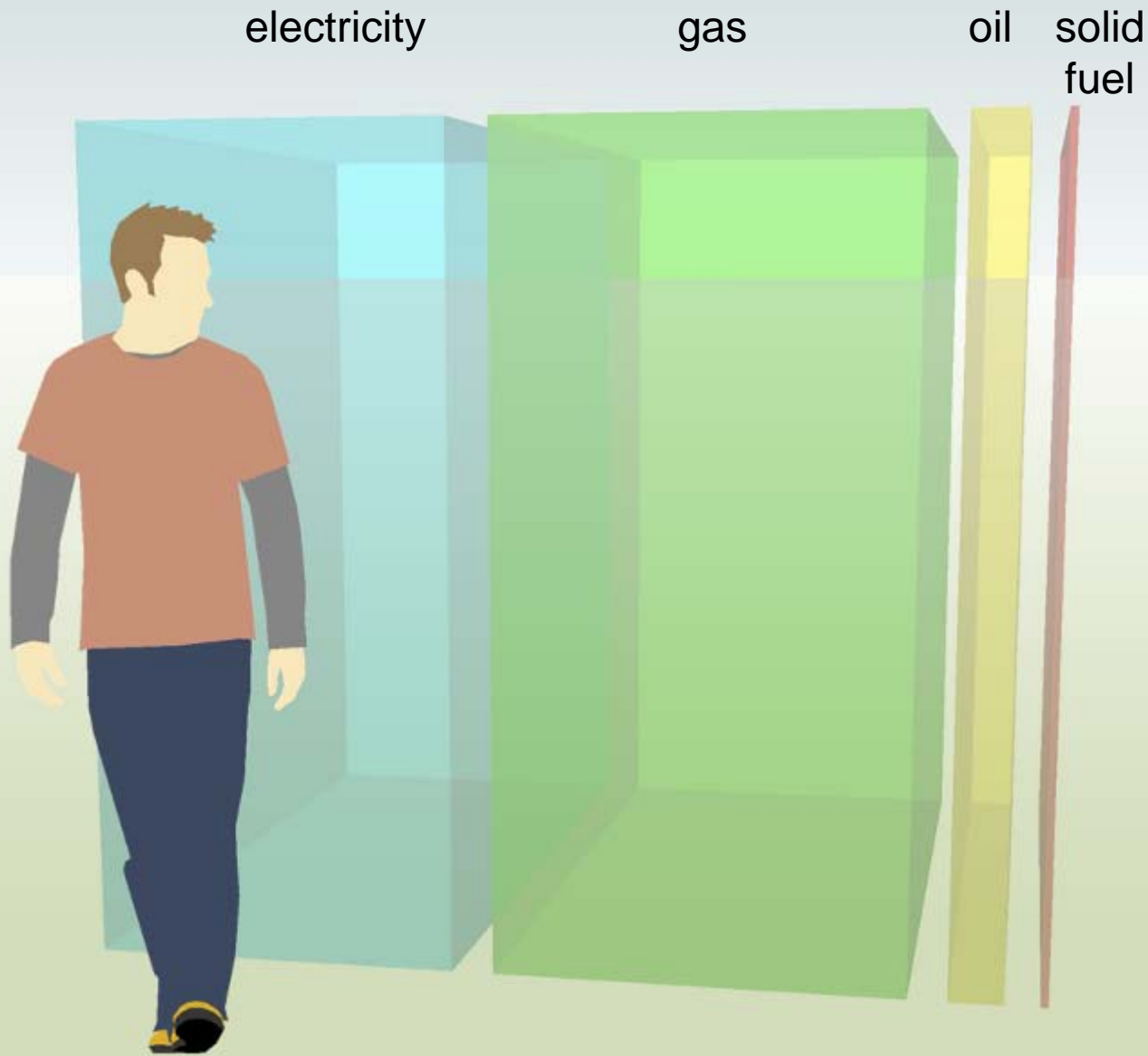
per capita emissions 2007



15.4 kg of CO₂ would fill a cube 2.02 m high

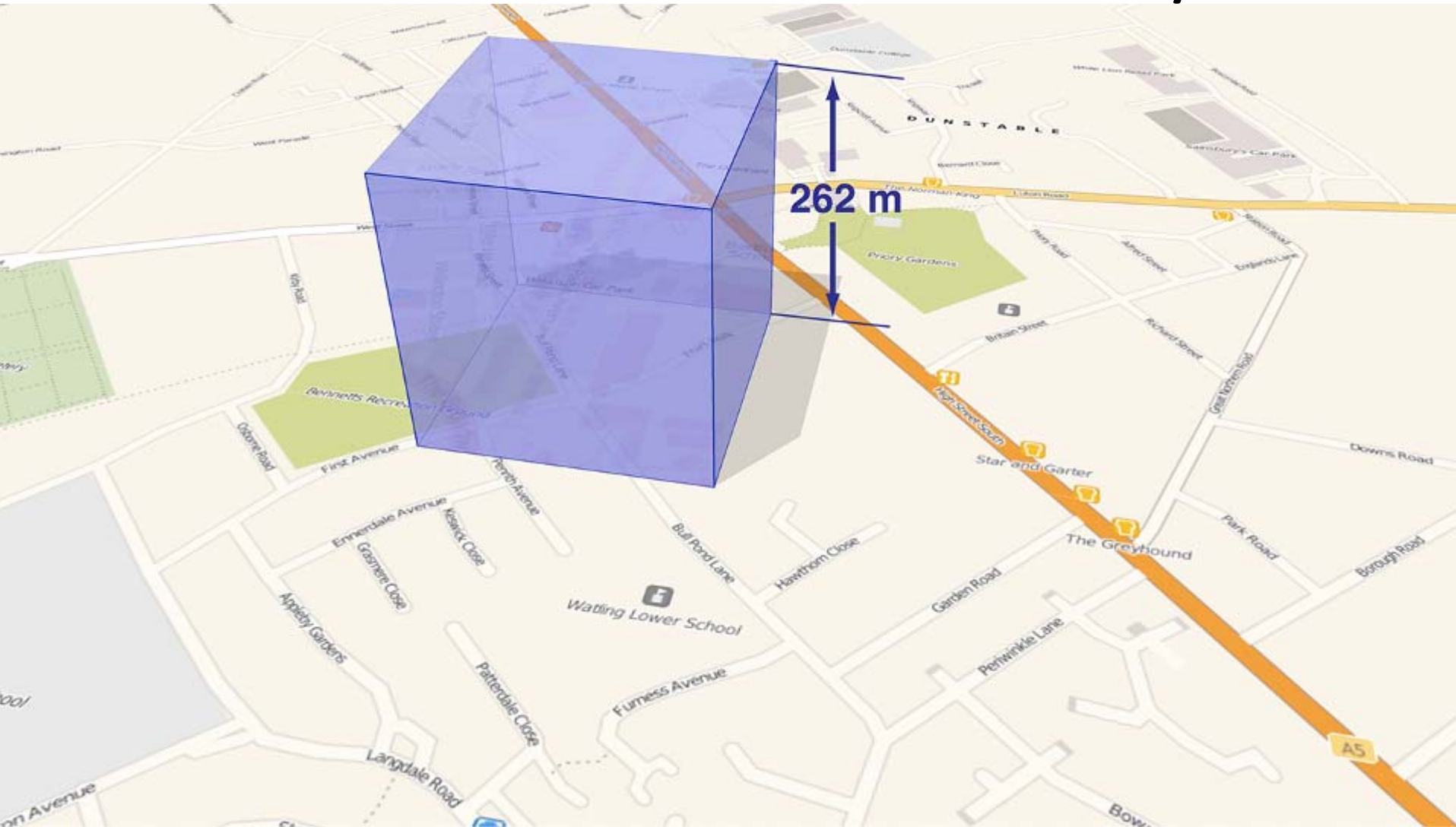


Bedfordshire's **domestic** daily emissions
of CO₂ (actual volume per capita)

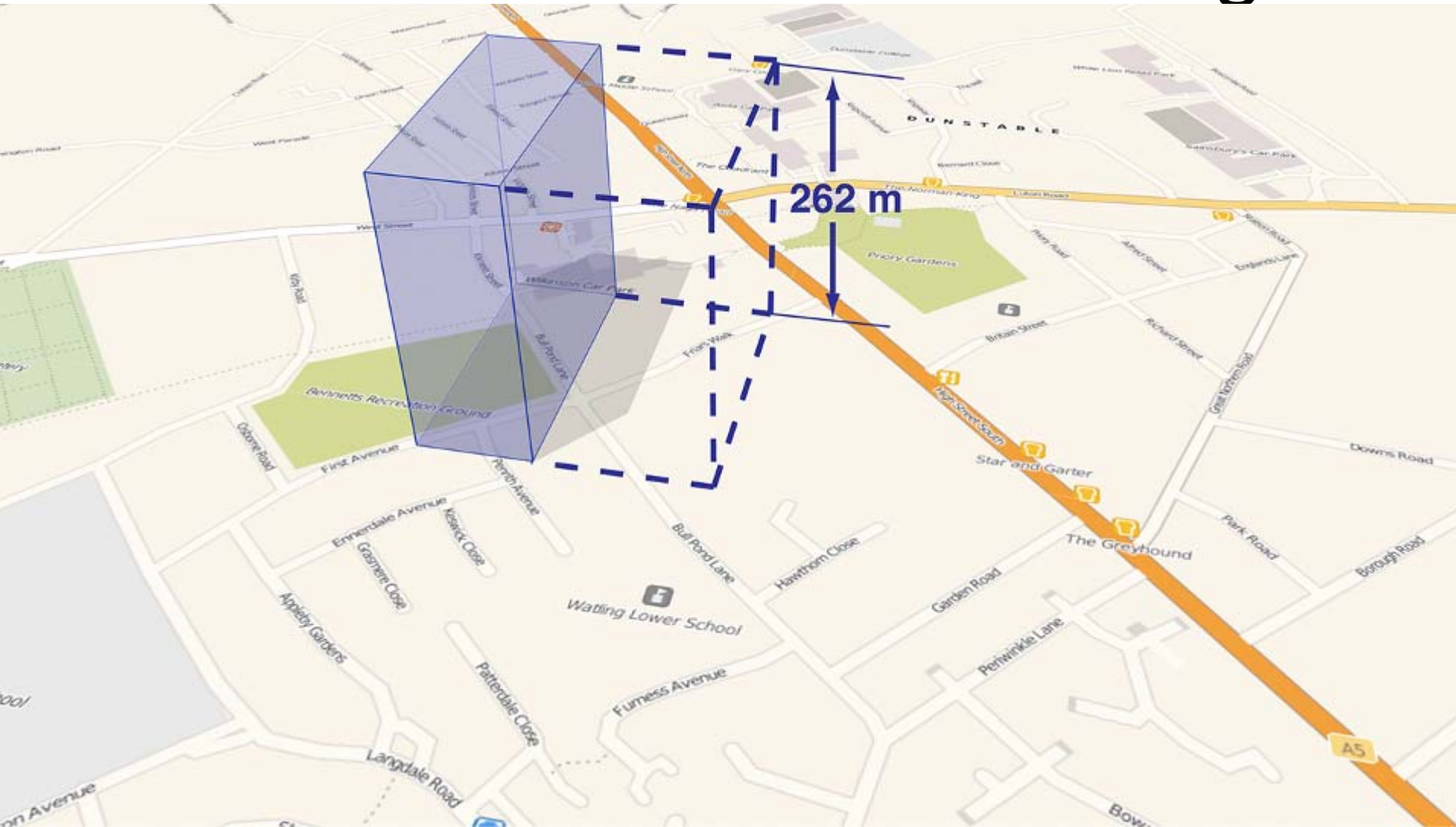


Bedfordshire's **domestic** daily emissions of CO₂ (actual volume per capita)

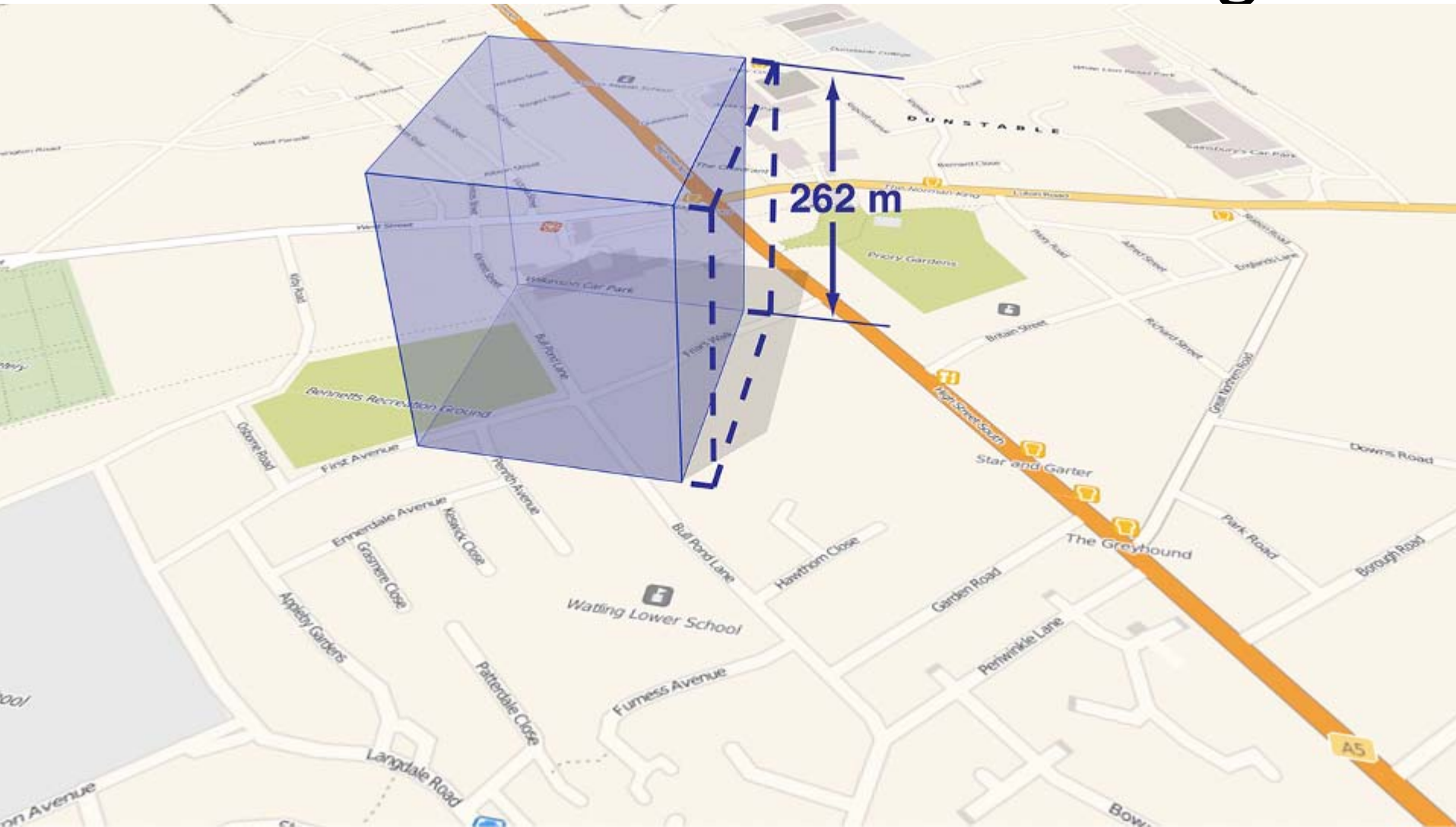
Central Beds. Council 2008/9



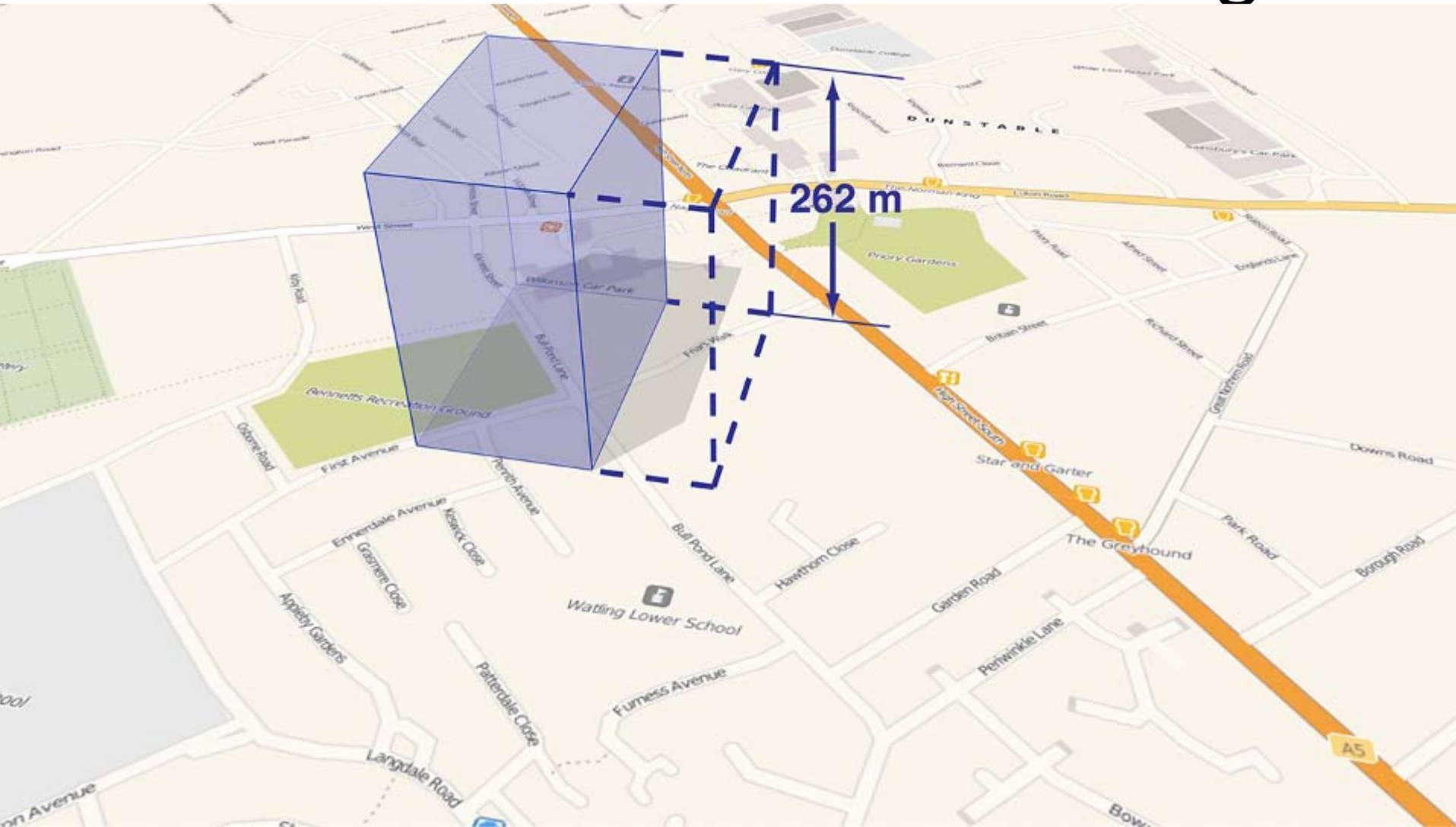
Central Beds. Council 2020 target



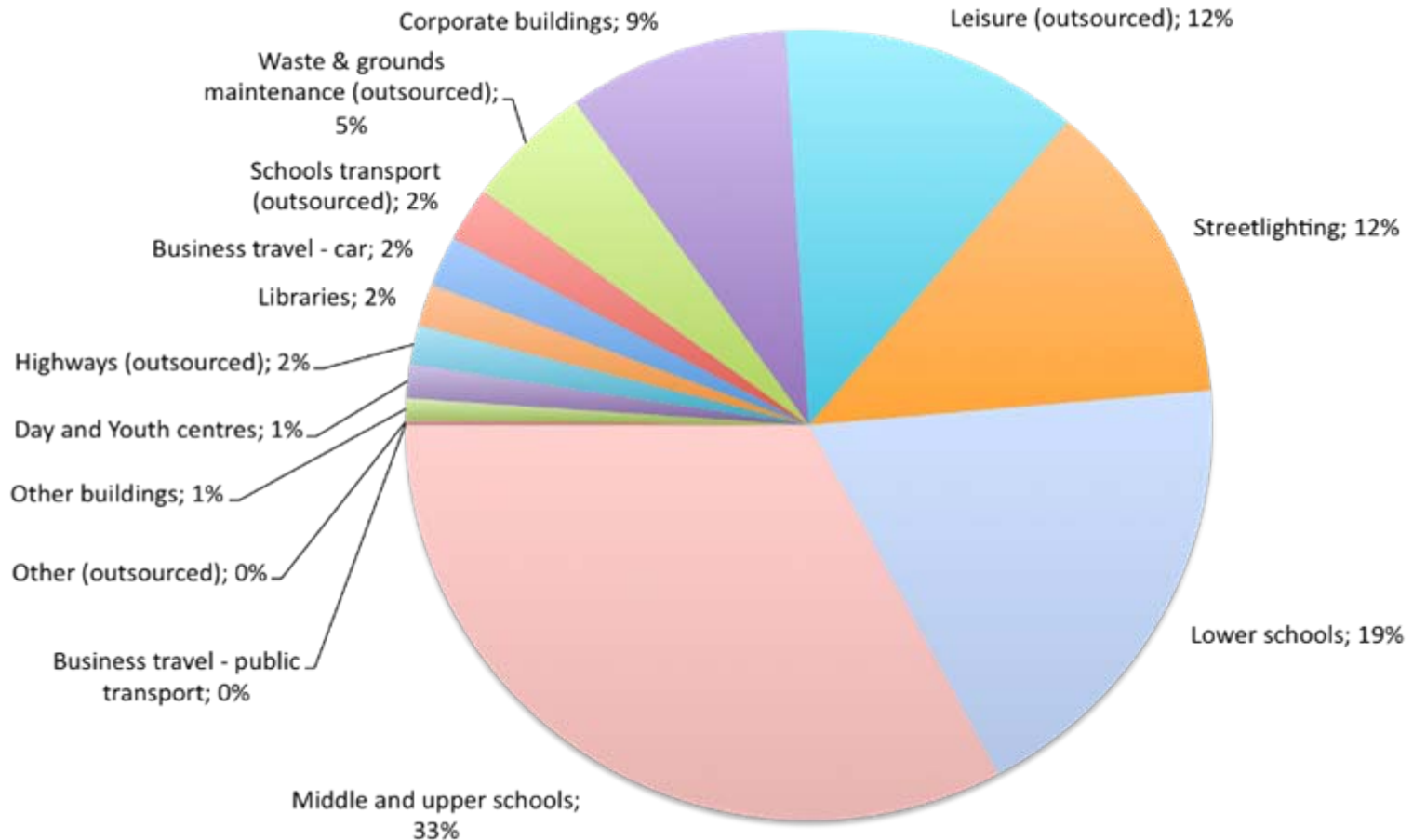
Central Beds. Council 2011 target



Central Beds. Council 2015 target



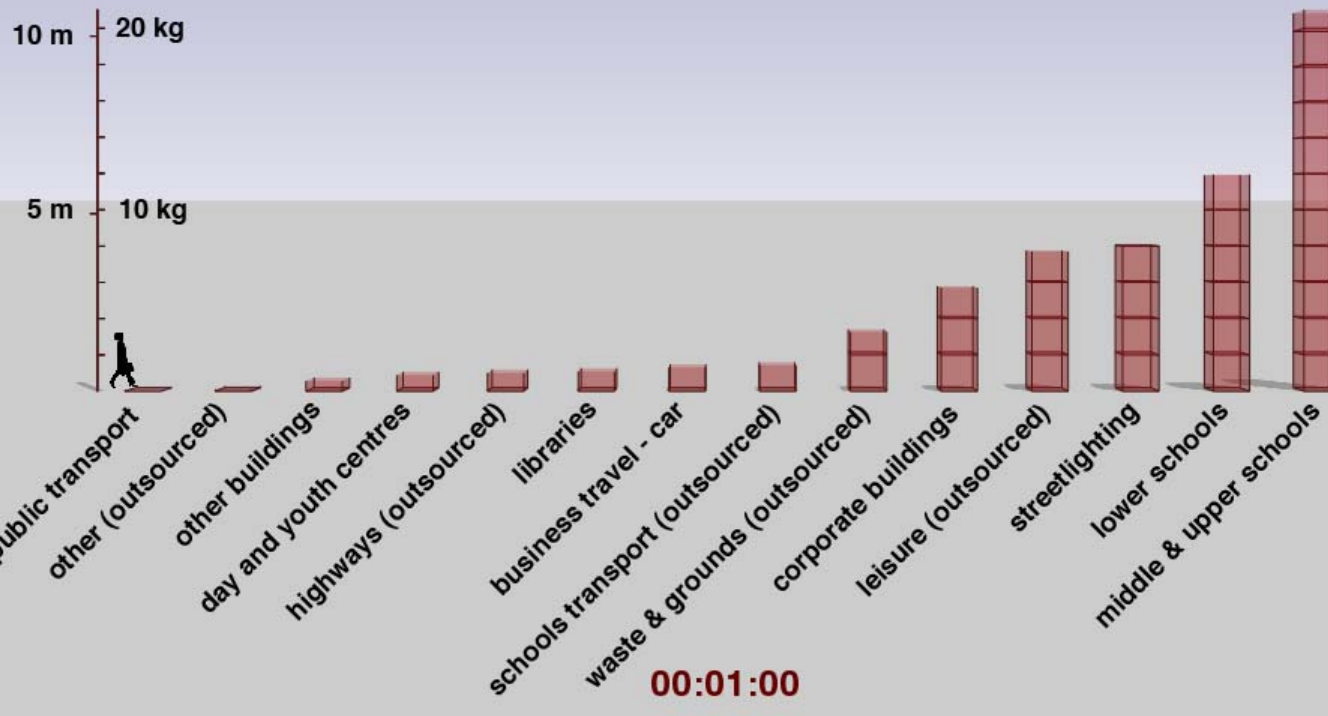
Central Beds. Council Carbon Footprint



Pie Chart: 'carbon share' of responsibilities

One minute's emissions – still from movie

Carbon Emissions: Central Bedfordshire Council (actual volume of carbon dioxide gas in real-time)



Real time animation: 'carbon share'
of responsibilities

Carbon Quilt™

making sense of the world's carbon footprint



*The Carbon Quilt is a joint initiative of
CarbonSense and GovEd Communications.*

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