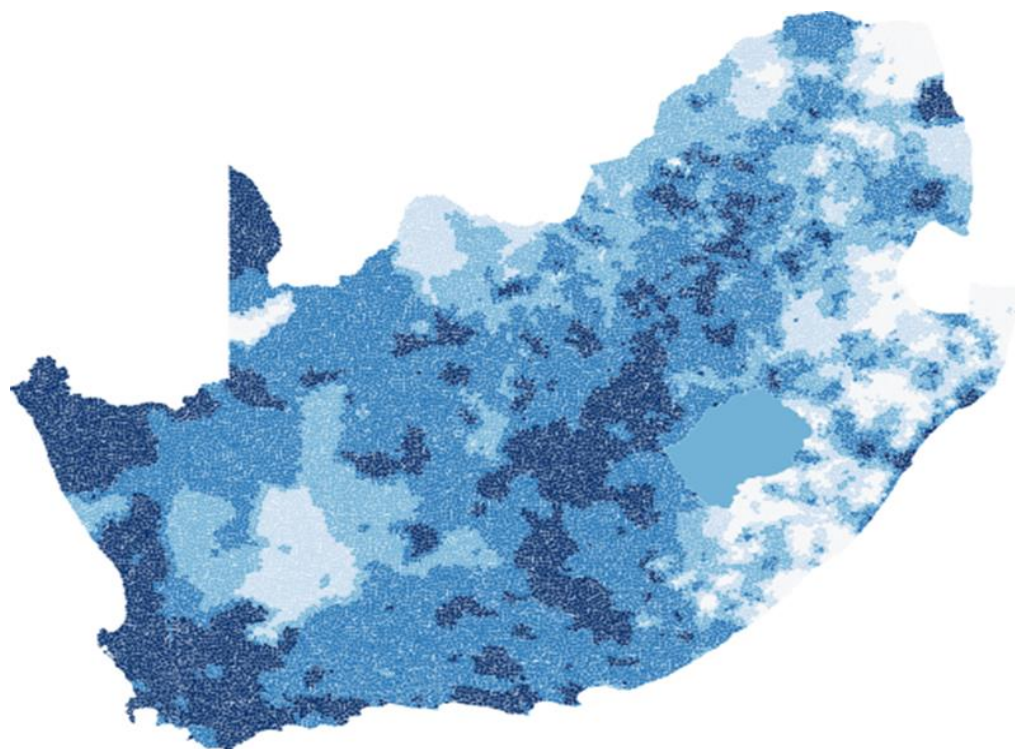
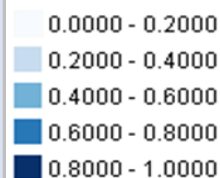


Household Energy Use

Legend

Household Energy Use (Electricity)



Author(s): Derived from Stats SA 2011 Census

Date: 2015

Meta-Data

Title	Household Energy Use
File Name	MESO_RUR.shp
Author(s)	Derived from Stats SA 2011 Census
Publication Date	2015
Citation	Statistics South Africa - Stats SA. 2011. <i>Census 2011: Community Profiles</i> . [ONLINE] Available at: http://197.221.34.5/statssa/disc1/Readme1st.pdf . [Accessed 08 April 2015].
License	Creative Commons 4.0 BY SA (No restrictions on re-use, proper citation and attribution require
Abstract	<p>*The dataset shows the distribution of household energy based on four energy sources - dung, electricity, paraffin, and wood - which are considered to be the main household energy sources for South Africa.</p> <p>*From a socio-economic point of view, the dataset shows that high income households derive most of their energy from electricity, whereas low income households still derive a significant portion of energy from dung, paraffin and wood.</p> <p>*The distribution is expressed as a value between 0 and 1.</p> <p>*The data was allocated mesozones by combining energy usage data with a base mesozone layer from the CSIR Geospatial Analysis Platform (GAP).</p>
Keywords	dung, electricity, household energy, mesozones, paraffin, socio-economic, wood

Caveats	http://bea.dirisa.org/resources/metadata-sheets/WP02_01_META_RUR.pdf
Web Meta-Data	
Web Resource	http://app01.saeon.ac.za:8085/geoserver/WP02/wms?service=WMS&version=1.1.0&request=GetMap&layers=WP02:MESO_RUR&styles=&bbox=16.451920000028533,-34.83416989569374,32.892531746697685,-22.125030000001036&width=512&height=395&srs=EPSG:4326&format=application/openlayers

Methodology/ Protocol

Processing/ Provenance	<i>As described above</i>
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Important Attributes

MESO_ID	Meso-zone ID
E	Percentage of households using electricity as a primary energy source
W	Percentage of households using wood as a primary energy source
D	Percentage of households using dung as a primary energy source
P	Percentage of households using paraffin as a primary energy source

References and Sources

[1]	Base Mesozone Dataset: http://196.21.191.61:8085/geoserver/GAP/wms?service=WMS&version=1.1.0&request=GetMap&layers=GAP:meso_2010_base_wgs84&styles=&bbox=16.4519200000285,-34.8341698956937,32.8925317466977,-22.1250300000011&width=512&height=395&srs=EPSG:4326&format=application/openlayers
[2]	Geospatial Analysis Platform. 2014. GAP. [ONLINE] Available at: http://www.gap.csir.co.za/ . [Accessed 30 March 15].
[3]	Statistics South Africa - Stats SA. 2011. <i>Census 2011: Community Profiles</i> . [ONLINE] Available at: http://197.221.34.5/statssa/disc1/Readme1st.pdf . [Accessed 08 April 2015].
[4]	Statistics South Africa - Stats SA. 2014. <i>Poverty Trends in South Africa: an examination of absolute poverty between 2006 and 2011</i> . [ONLINE] Available at: http://beta2.statssa.gov.za/publications/Report-03-10-06/Report-03-10-06March2014.pdf . [Accessed 08 April 2015].