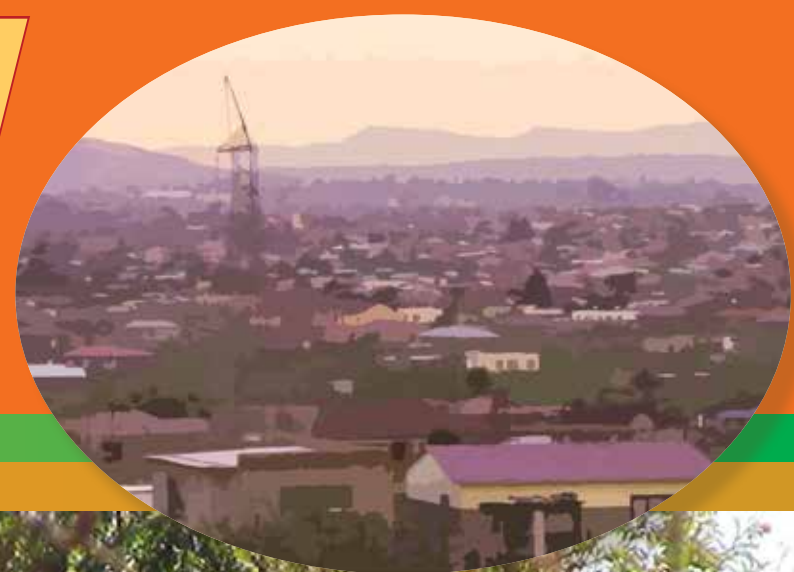




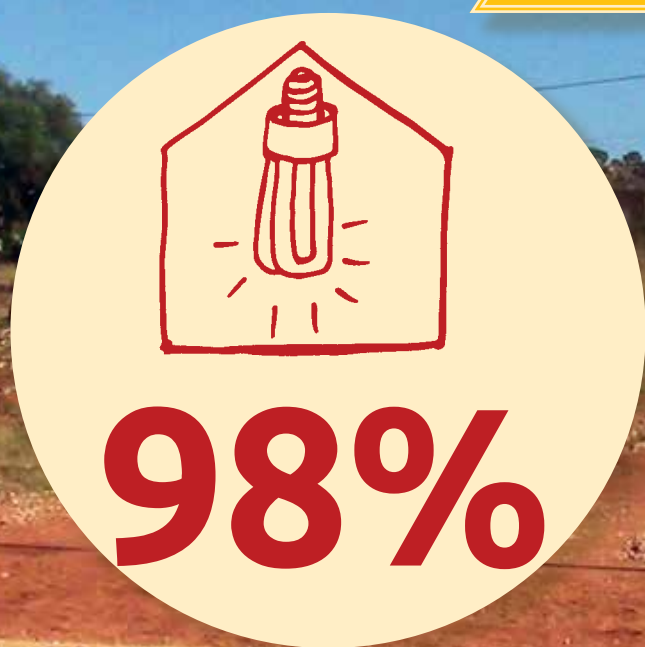
SUSTAINABLE
ENERGY
AFRICA



DIKGALE HOUSEHOLD ENERGY SURVEY



Energy poverty



98% of the households are electrified

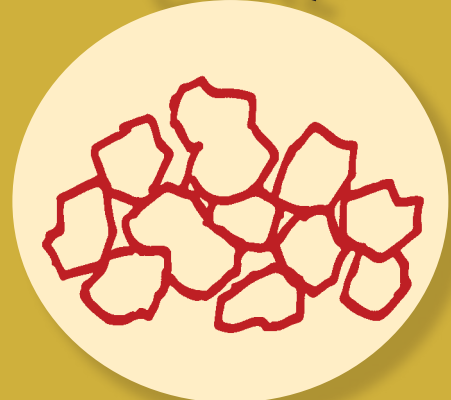


Affordability is a challenge

PARAFFIN



COAL



WOOD



CANDLES



Despite the increased access to electricity, households continue to rely on a range of unsafe, unhealthy forms of energy such as paraffin, coal, biomass and candles, when they cannot afford to buy electricity.

This leaves households vulnerable to high levels of pollution and fires, posing serious environmental, health and safety risks.

FIRE RISK



POLLUTION



ENVIRONMENT



SAFETY RISKS





SUSTAINABLE
ENERGY
AFRICA



DIKGALE HOUSEHOLD ENERGY SURVEY



Household Energy Grant



92% of the households qualify to receive the **National Electricity Subsidy**



only **22%** of the households are currently receiving **Free Basic Electricity Grant**



Monthly household energy expenditure

AVERAGE HOUSEHOLD EXPENDITURE FOR:

ELECTRICITY



R121.97

WOOD



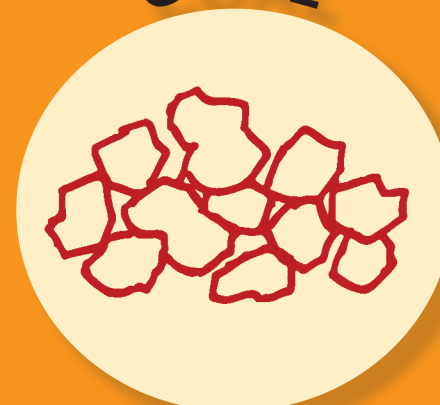
R291.82

PARAFFIN



R75.33

COAL



R220.00

CANDLES



R26.00

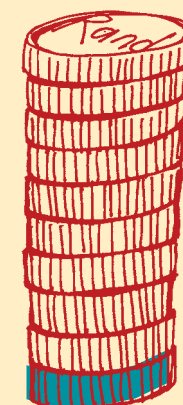
OVERALL HOUSEHOLD ENERGY EXPENDITURE



R196.82



ENERGY BURDEN IN RELATION TO TOTAL HOUSEHOLD EXPENDITURE



10%



SUSTAINABLE
ENERGY
AFRICA



DIKGALE HOUSEHOLD ENERGY SURVEY



Energy sources for cooking, lighting and heating



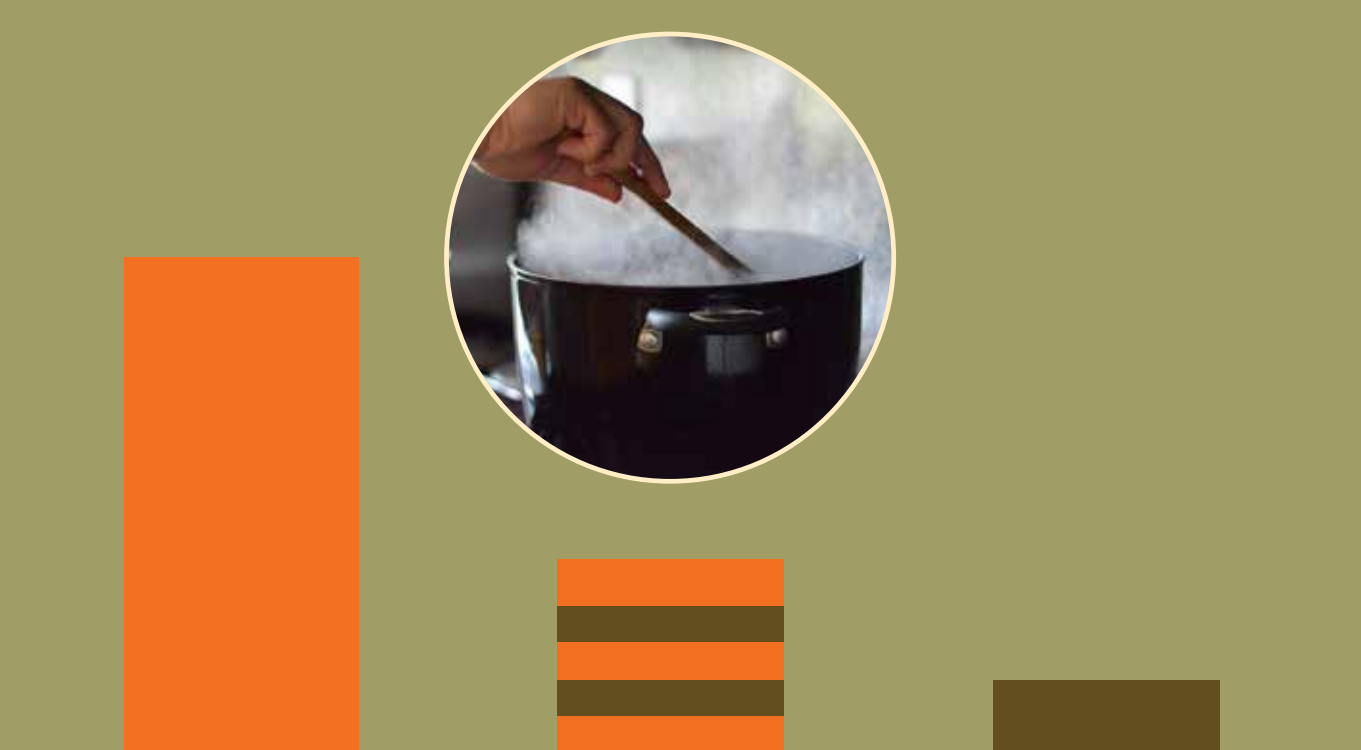
96.6%
ELECTRICITY

3.1%
CANDLES

0.3%
PARAFFIN



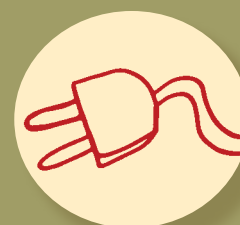
LIGHTING



65.5%
ELECTRICITY

25.6%
ELECTRICITY
AND WOOD

9.6%
WOOD



COOKING

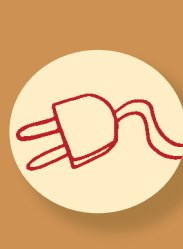
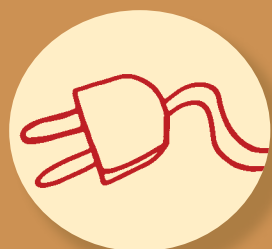


70.5%
ELECTRICITY

19.6%
WOOD

8.3%
WOOD AND
ELECTRICITY

1.1%
PARAFFIN



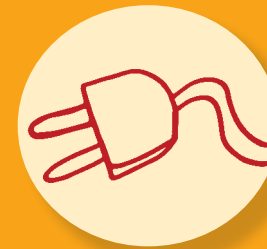
WATER HEATING



61.2%
NONE

25.6%
ELECTRICITY

12.4%
WOOD



SPACE HEATING



SUSTAINABLE
ENERGY
AFRICA



DIKGALE HOUSEHOLD ENERGY SURVEY



Safe and clean alternative energy sources to reduce costs



SOLAR LIGHT

TSHISA BOX



HOTBOX

SOLAR COOKER



ENERGY EFFICIENT LIGHT BULBS

CEILINGS

