

# Masibambisane

Working together for cleaner air

## Air Quality Offsets – Fact Sheet

### 1 Did you know?

According to the medical journal “The Lancet”, indoor air pollution arising from the burning of coal and wood for domestic cooking and heating is the 7<sup>th</sup> greatest disease risk in Southern Africa, while ambient air pollution is the 25<sup>th</sup> highest disease risk.

### 2 What are Air Quality Offsets?

An air quality offset is specifically implemented to counterbalance the negative environmental impact of air pollution by introducing interventions to improve air quality on the ground. Eskom’s coal fired power stations are required to implement air quality offsets in the communities that are most impacted by their emissions.

### 3 Examples of Air Quality Offsets

Switching households to cleaner energy sources, low emission appliances, insulation and reducing domestic waste burning.

### 4 What is Eskom doing?

- Eskom is insulating homes in low income communities around its power stations to help increase thermal comfort in the households.
- Insulating homes reduces energy needs related to cooling in summer, by preventing heat from entering the homes and to heating in winter by preventing heat from escaping the homes.
- Eskom is also replacing stoves used for coal and wood burning with cleaner alternatives like electric or LPG stoves and heaters.
- Finally, Eskom is also addressing waste burning activities in the Vaal area.

### 5 How far are we?

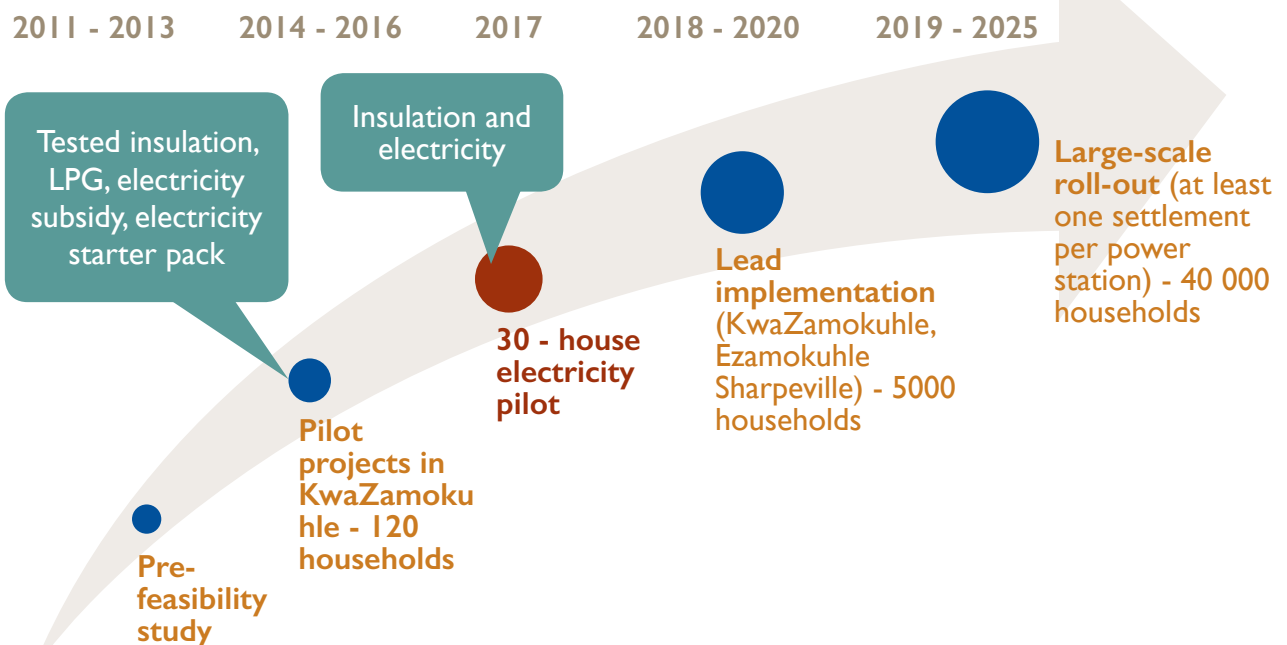
- Eskom has started testing intervention options in 150 households in KwaZamokuhle, a low income community near Hendrina Power Station.
- Larger scale roll out of successful interventions will commence in 2018 at KwaZamokuhle and Ezamokuhle (near Majuba Power Station).

### 6 For more info contact:

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<http://www.eskom.co.za/AirQuality/>



## Eskom's air quality offsets journey



**Masibambisane** – Making our air cleaner and better to breathe is the best thing to do for the health of ourselves, our families and our communities. Let's do it together!