

Masibambisane

Working **together** for **cleaner** air

Air Quality Offsets – Fact Sheet

1 Did you know?

According to the International Global Burden of Disease study in 2019, air pollution is the 4th leading health risk factor causing premature deaths.

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 at ground level. Eskom's coal-fired power stations are required to implement air quality offsets in the communities that are most impacted by emissions.

3 Examples of Air Quality Offsets

- Switching households to cleaner energy sources,
- Low emission appliances and insulation,
- Reducing domestic waste burning and reducing emissions from landfills.

4 What are we doing?

- Eskom is insulating households in low-income communities around some of its power stations to help increase thermal comfort in the households,
- Insulating homes reduces energy needs. The conditions of the households are further boosted with the installation of ceilings with SPF spray, which warms up the house in winter and cools it down during the summer period.
- Eskom is replacing coal and wood burning stoves with cleaner alternatives for example, hybrid stoves and gas heaters.
- Eskom is also addressing waste burning activities in the Vaal area.

5 How far are we?

- Between April 2022 and September 2024, Eskom has successfully implemented Phase 1 in KwaZamokuhle (near Hendrina) and Ezamokuhle (near Majuba) power stations, covering 5591 houses and 6 Clean-up campaigns in Sharpeville (near Lethabo).
- Moving forward in 2025, Eskom will implement Phase 2a at Phola (near Kendal) and Sivukile (near Tutuka) power stations, targeting 7233 houses.
- Phase 2b is planned to also begin in 2025 and will cover the following areas: Emzinoni, Thubelihle, Silobela and Refengkgotso; targeting 10291 houses and Clean-up campaigns in Sharpeville, Tshepiso and Boipatong in the Vaal.

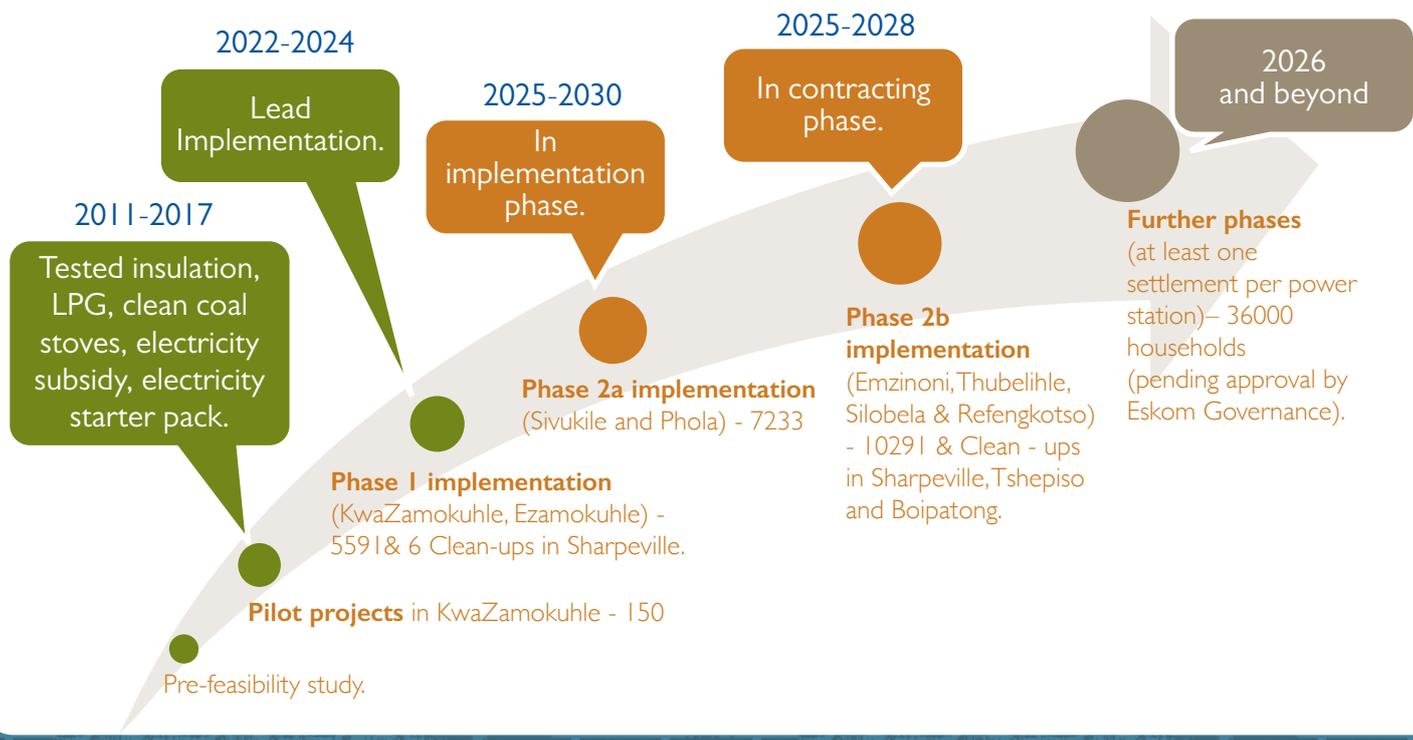
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Eskom's Air Quality Offsets Journey



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

<http://www.eskom.co.za/AirQuality/Pages/default.aspx>

