



**Western Cape
Government**

RESOURCE EFFICIENCY

The use of electricity and water in a stressed environment

Wow day

HJ Lakey / P Michau

10 November 2020

RESOURCE EFFICIENCY PROJECT

Project Goals

- Goal 1: Measure and identify energy use and saving opportunities.
- Goal 2: Encourage energy behavioral changes amongst staff, students, residents and visitors at Elsenburg.
- Goal 3: Implement and maintain energy efficient technology at Elsenburg.
- Goal 4: Reduce the energy consumption of Elsenburg.

PURPOSE OF PROJECT

Walk the talk:

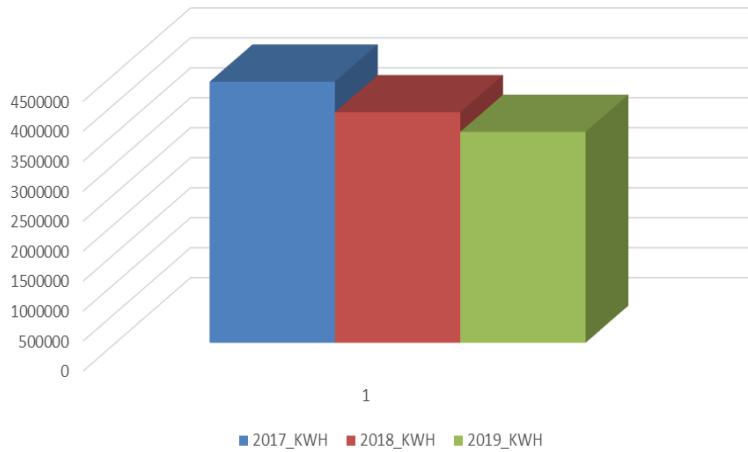
- by doing practical things to mitigate climate change effects.
- set an example to industry stakeholders.
- to mitigate an ever shrinking budget by cutting cost.

ELECTRICITY AND WATER MANAGEMENT THROUGH INNOVATION

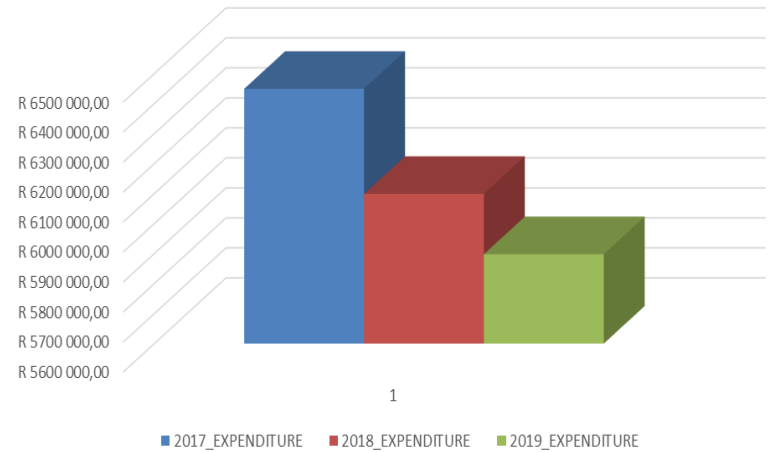


Gains earned through innovation

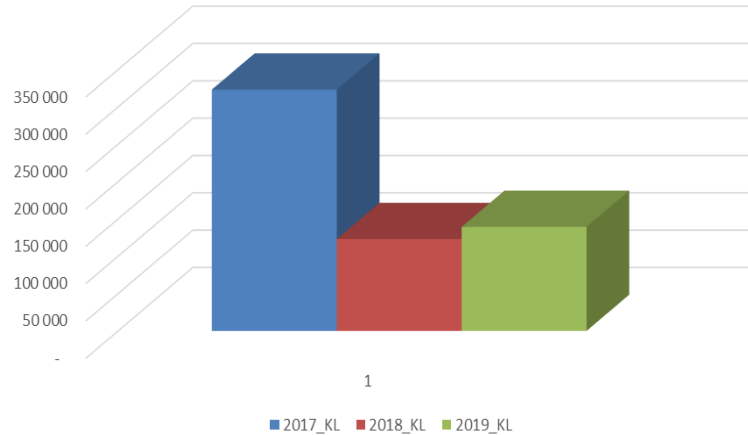
ELSENBURG ANNUAL KWH



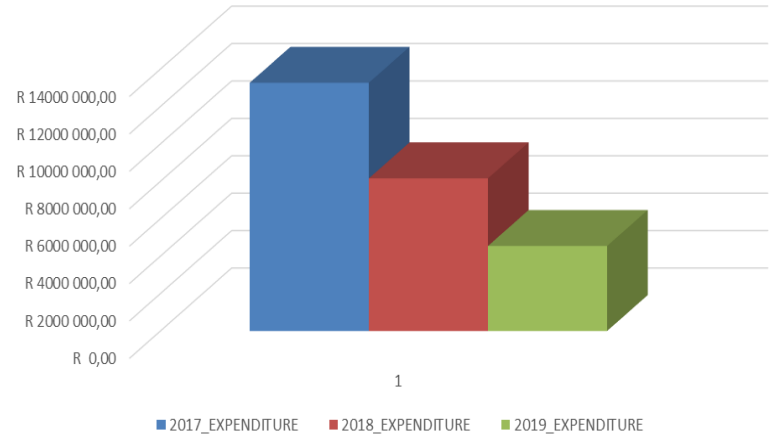
ELSENBURG ANNUAL ELECTRICITY EXPENDITURE



ELSENBURG ANNUAL KL



ELSENBURG ANNUAL WATER EXPENDITURE



TAKE HOME TIPS

- Start with behavior change - It works!
- You can only manage what you can measure
- Tariffs Tariffs Tariffs – Check you tariffs and speak to Eskom or local municipality
- We will help: Contact us on 021 808 5140 or 021 808 5422

Thank you

Contact Us



Western Cape
Government

BETTER TOGETHER.

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