

Department of Energy

REVIEW OF INDICATORS, DATA GAPS AND DATA COLLECTION

ENERGY EFFICIENCY INDICATOR AND TARGET SETTING IN SOUTH AFRICA WORKSHOP

28 – 29 FEBRUARY 2015



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Outline

- What data or indicators are available?
- What data is meaningful for indicators?



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What data is available?

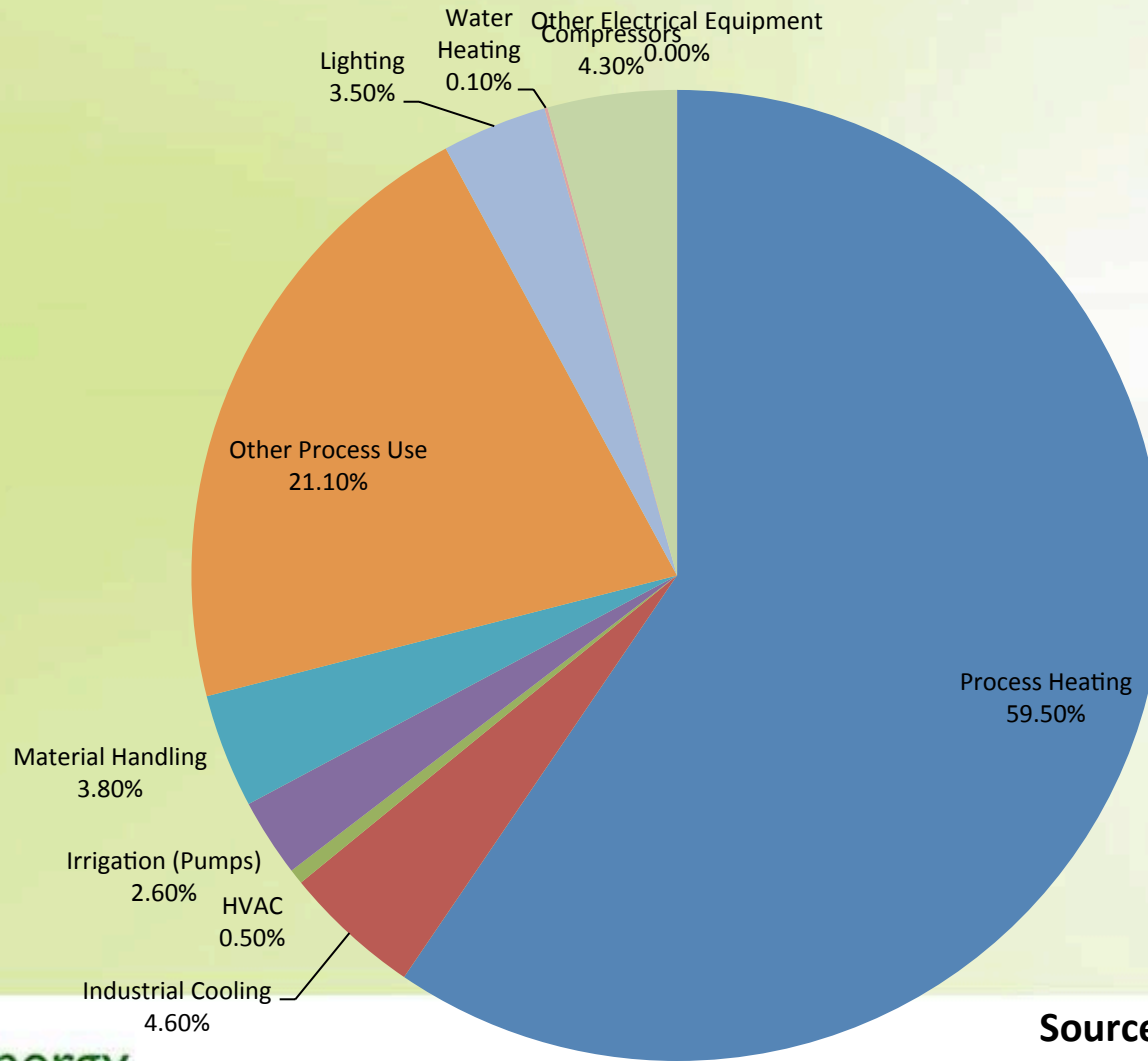
- Detailed data Electricity End Use from Eskom
- Demand Side Management projects on electricity from Eskom
- Energy Balance data from DoE
- Production and Gross Value Added from StatSA
- Specific energy consumption (i.e amount of electricity per tonne of aluminium produced) from international organisations



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Iron and Steel Electricity End Use



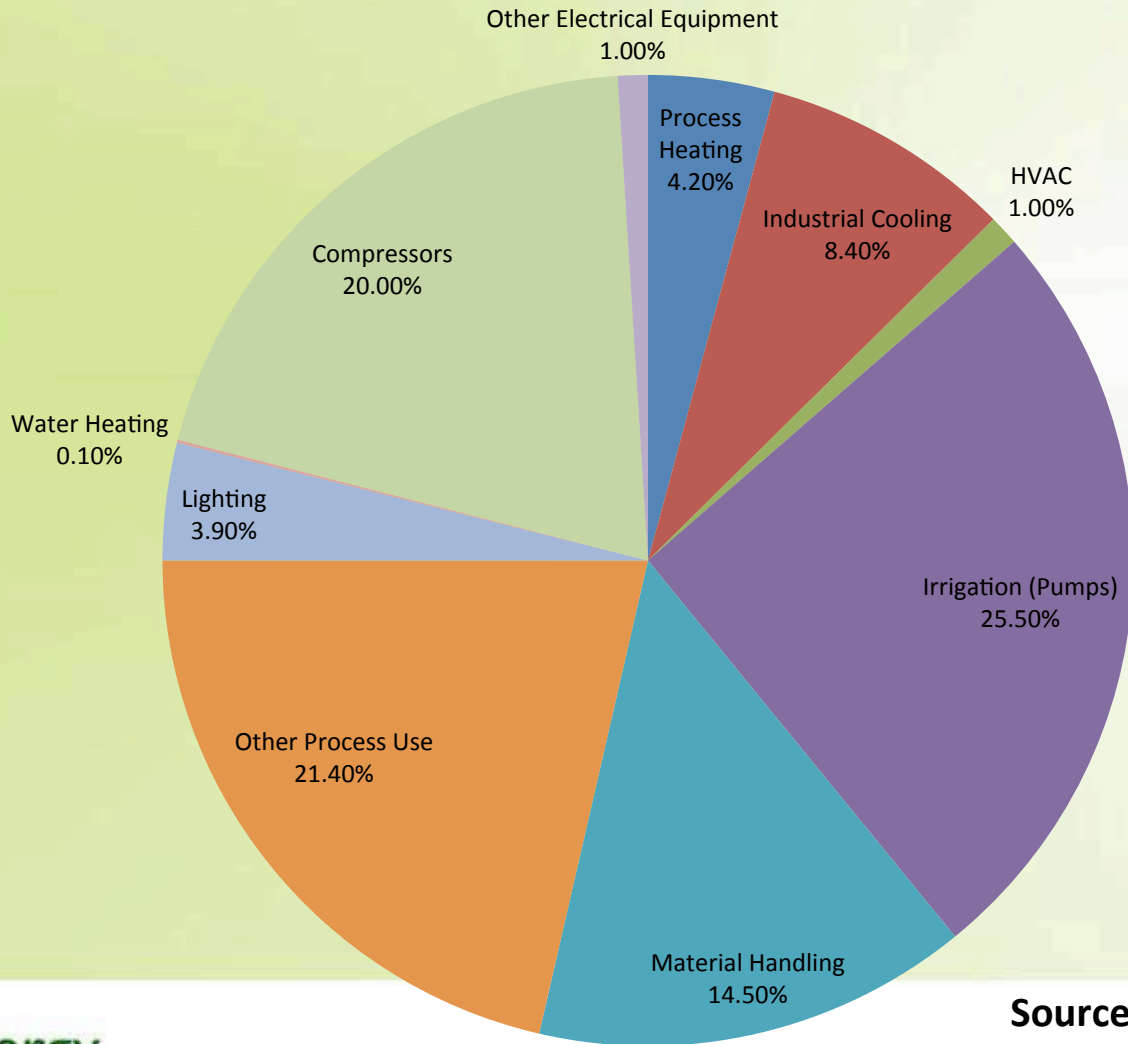
Source: Eskom IDM, 2012



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Chemicals Electricity End Use



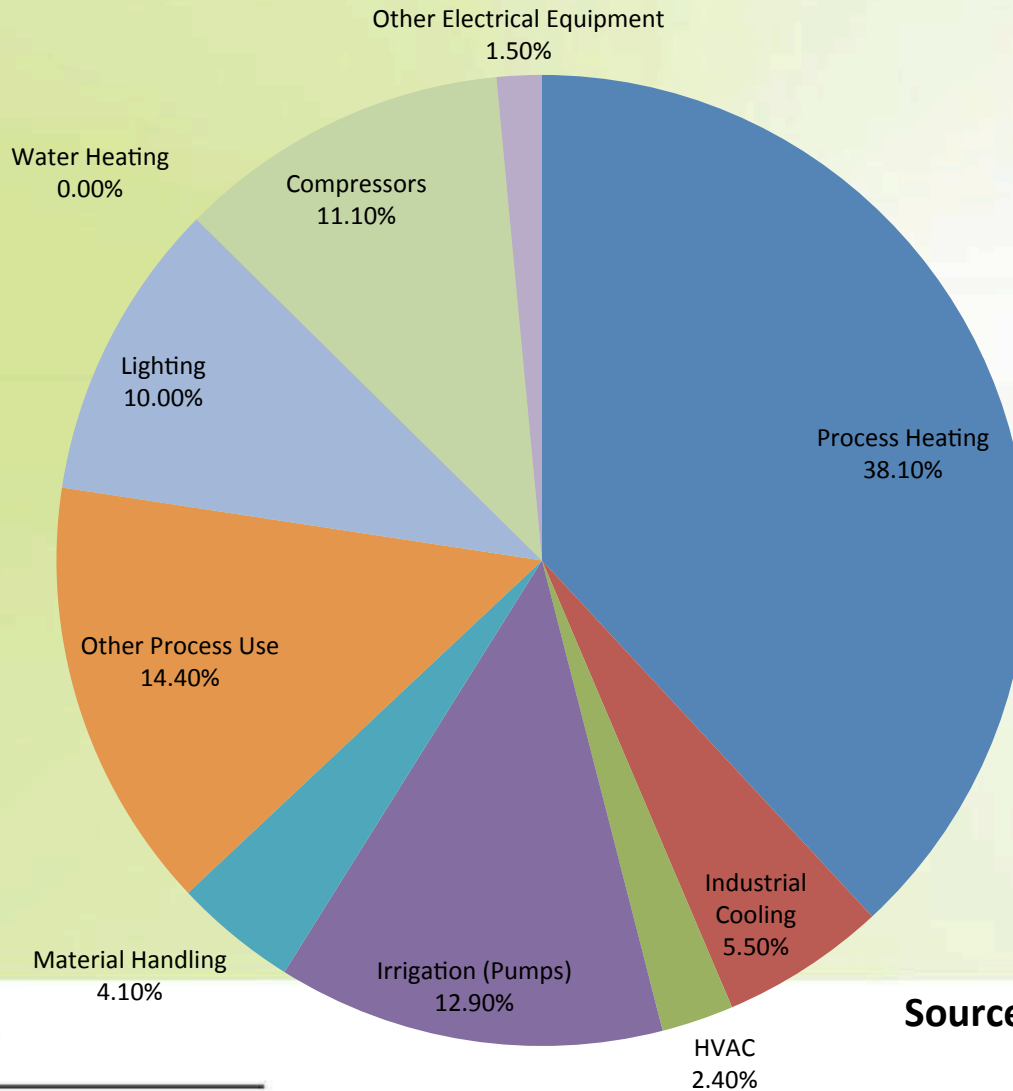
Source: Eskom IDM, 2012



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Rest of Manufacturing Electricity End Use



Source: Eskom IDM, 2012

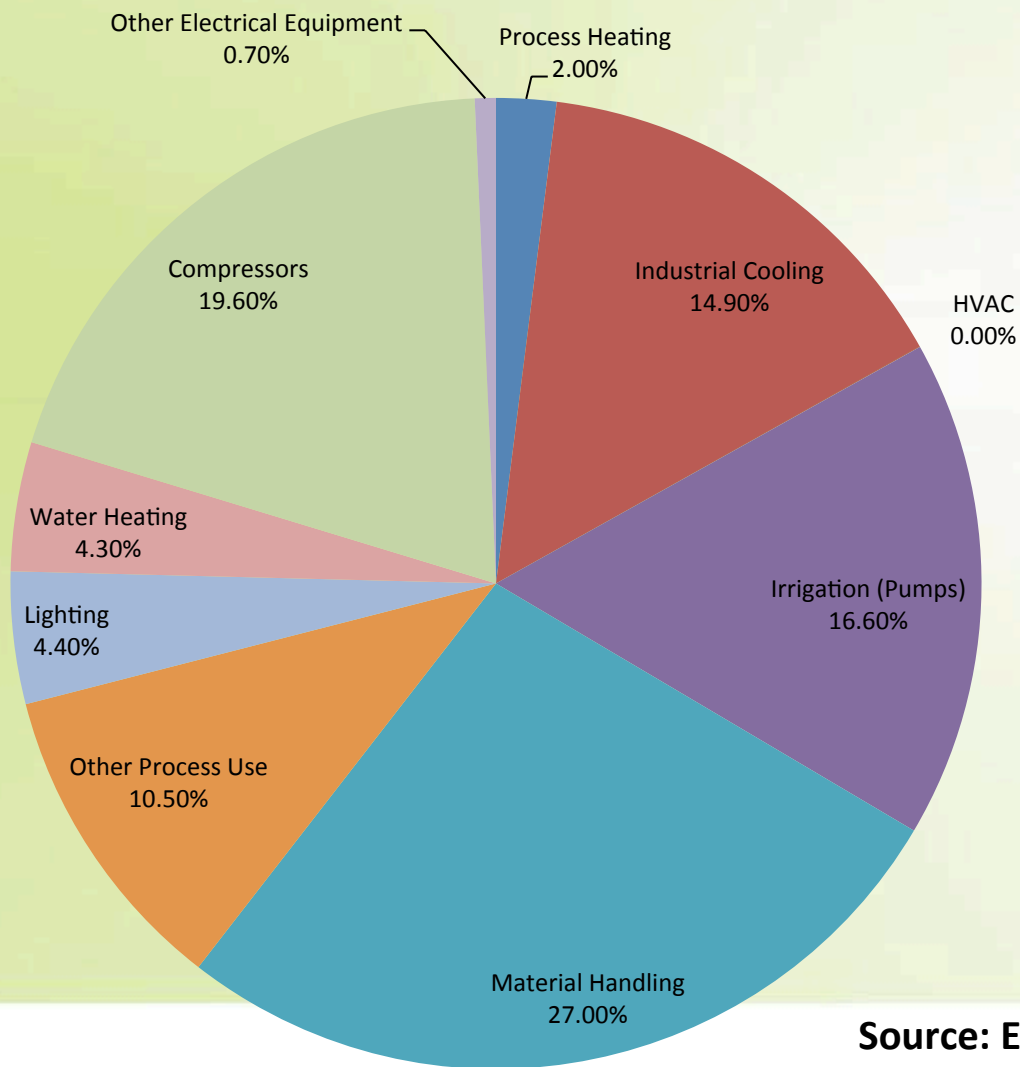


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Gold Mining Electricity End Use



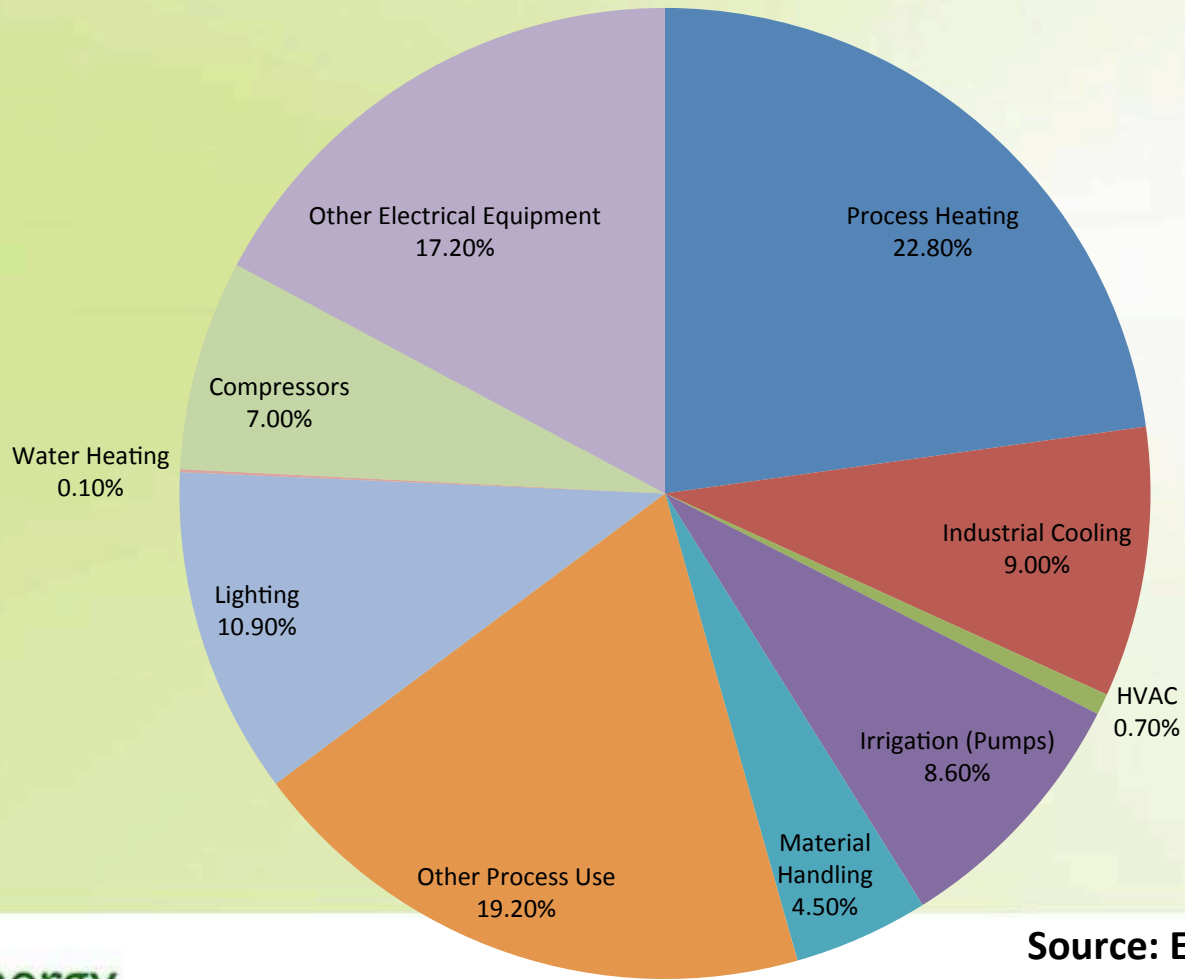
Source: Eskom IDM, 2012



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Non-ferrous Metals Electricity End Use



Source: Eskom IDM, 2012

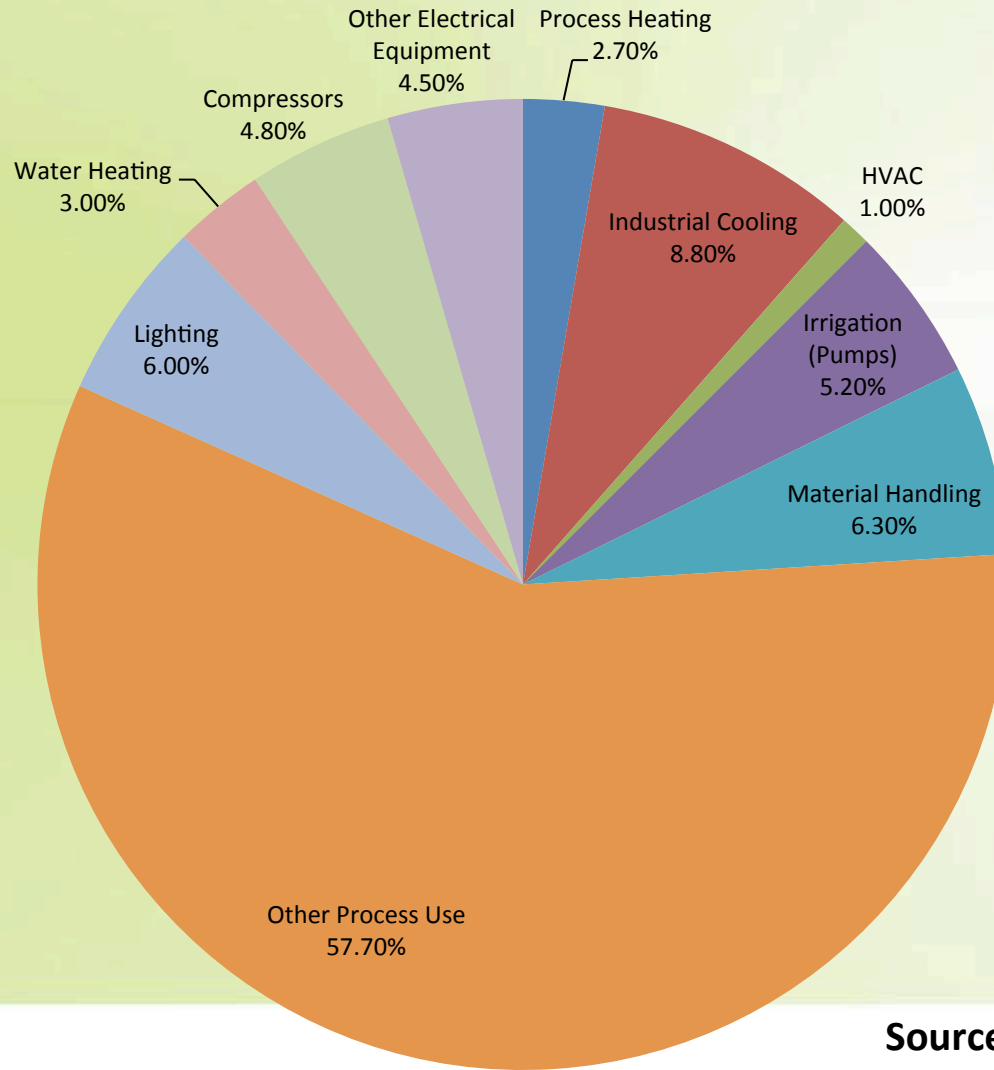


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Coal Mining Electricity End Use



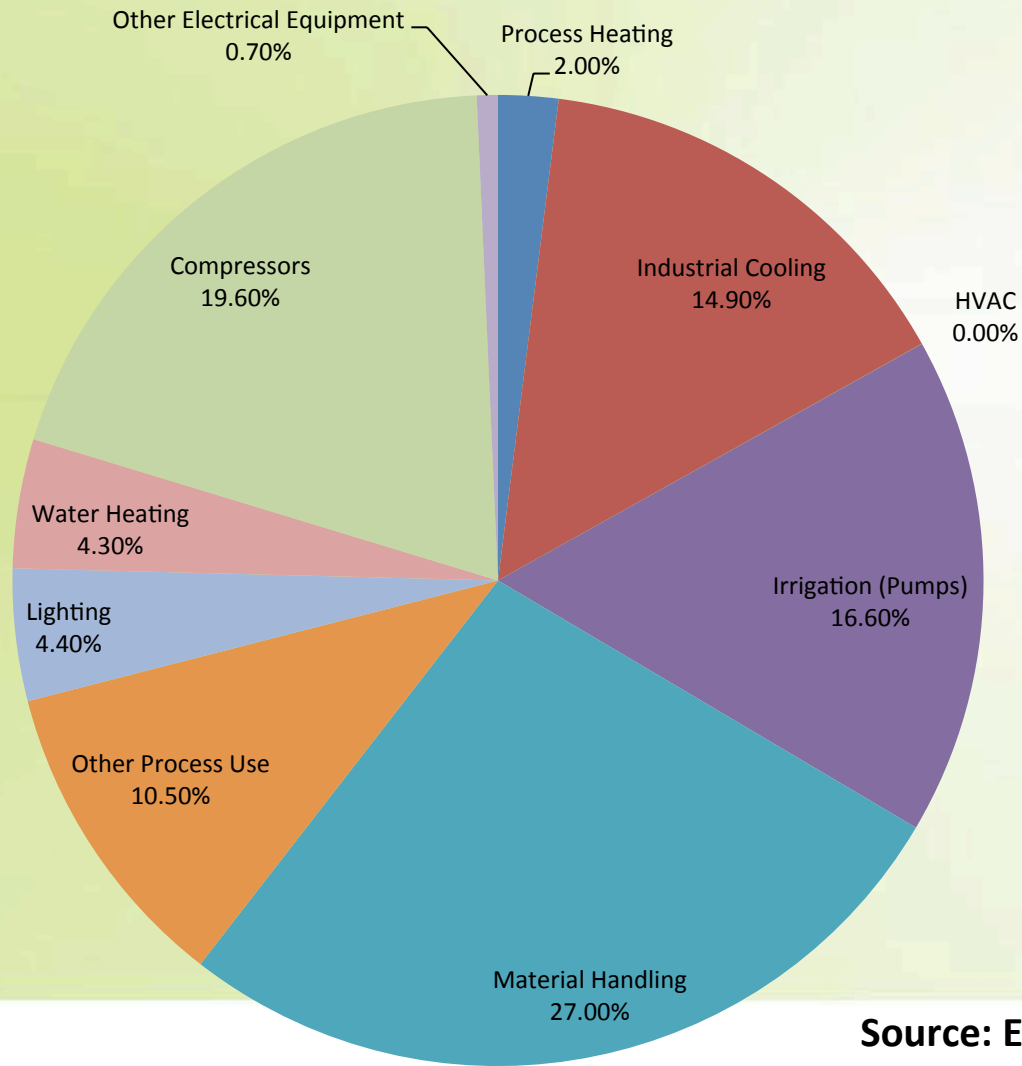
Source: Eskom IDM, 2012



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Platinum Mining Electricity End Use



Source: Eskom IDM, 2012

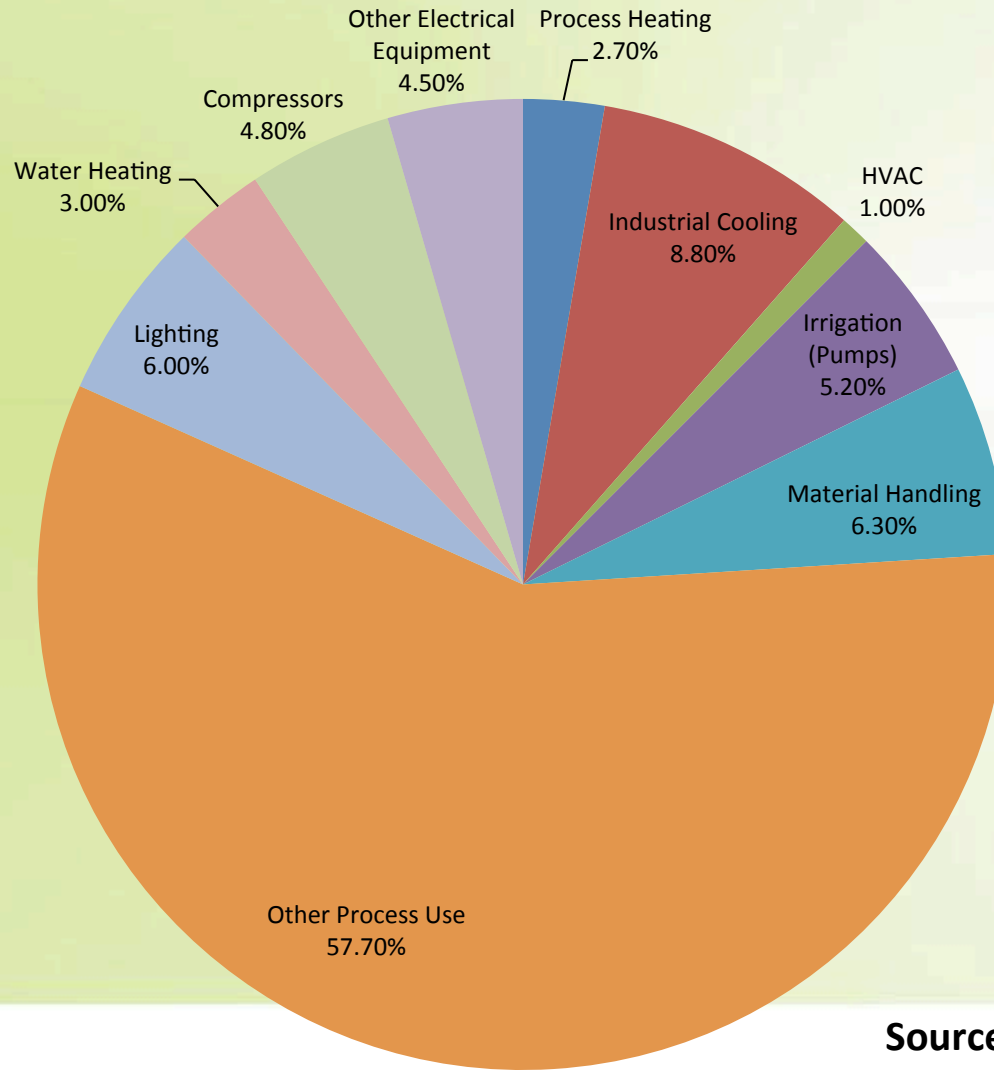


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Rest of Mining Electricity End Use



Source: Eskom IDM, 2012



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What data is meaningful?

- Company specific data which is aggregated at the sectorial level in order to allow detailed analysis.



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Thank You



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