The New South African Standards and Labelling Programme for Residential Appliances

A First-Hand Evaluation Case Study
S&L evaluation case study

• By bigEE and local partners SANEDI, Unlimited Energy
  – Analysis question: Effectiveness of new S&L?

• **Impact evaluation:**
  – Market studies
  – Bottom-up stock model scenario calculations

• Process evaluation
Case study: Cold appliances

- Market study: Fridge / Freezers

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Source: Own illustration
Case study: Cold appliances

• Market study: Freezers

Your guide to energy efficiency in buildings  Source: Own illustration
Case study: Cold appliances

- **Fridge/Freezers**
  - Scenario A (BAU)
  - Scenario B (Efficiency)

2030 EE potential: >50 %
Case study: Cold appliances

- **Freezers**
  - Scenario A (BAU)
  - Scenario B (Efficiency)

2030 EE potential: >30 %
Case study: Cold appliances

• Conclusions from impact evaluation
  – MEPS obsolete, should be revised asap
  – Much higher saving potentials available
  – Policy not as effective as possible

• Similar findings for other S&L product groups
Case study: Cold appliances

• Overall conclusions
  – One of the first S&L programmes in Africa
  – Comprehensive EE policy package still to be developed

• Recommendations
  – Strengthen EE evaluation culture in public sector
  – Embed direct evaluation procedures in policy design
Thank you for your attention!

Any questions?

Start now

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