



Your guide to energy efficiency in buildings.

The New South African Standards and Labelling Programme for Residential Appliances

A First-Hand Evaluation Case Study



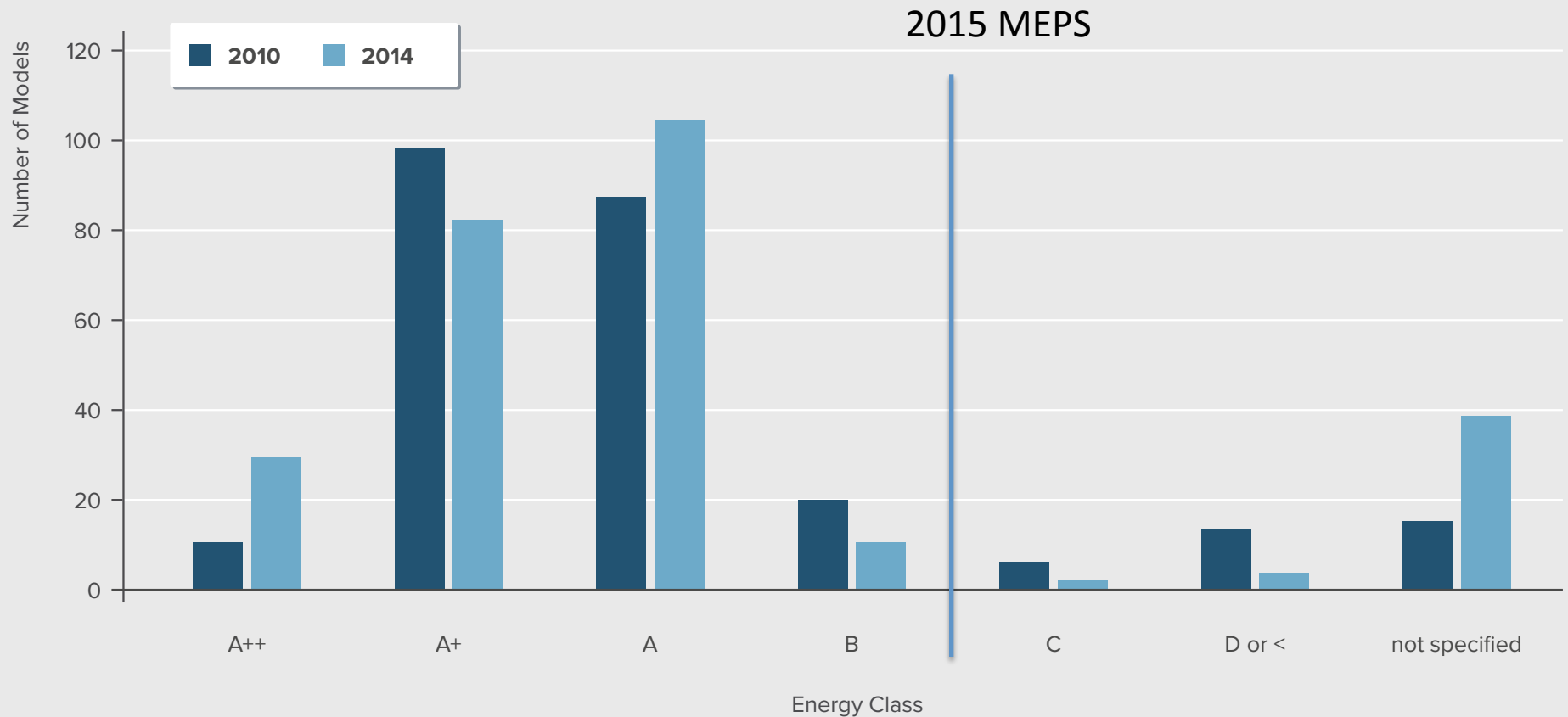
S&L evaluation case study

- 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

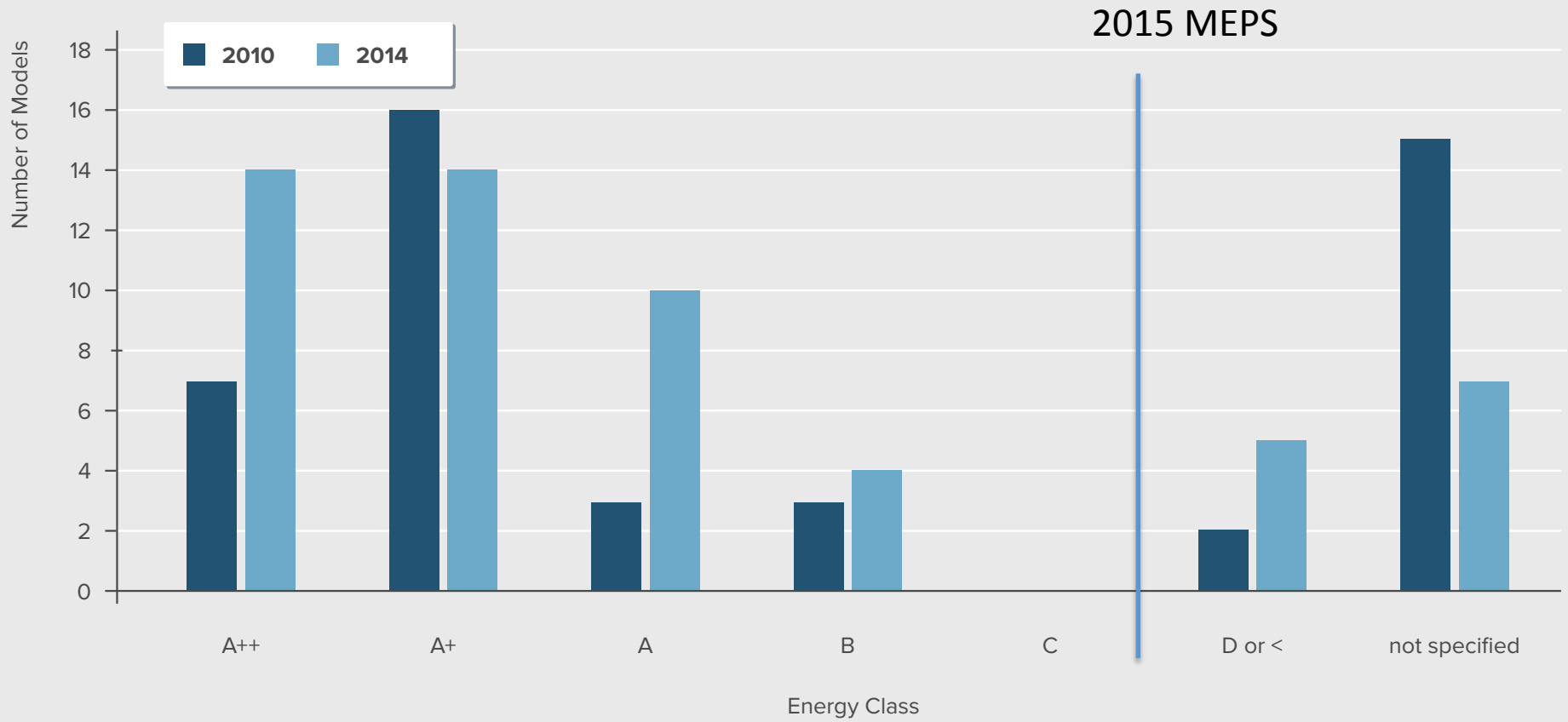
- Market study: **Fridge / Freezers**





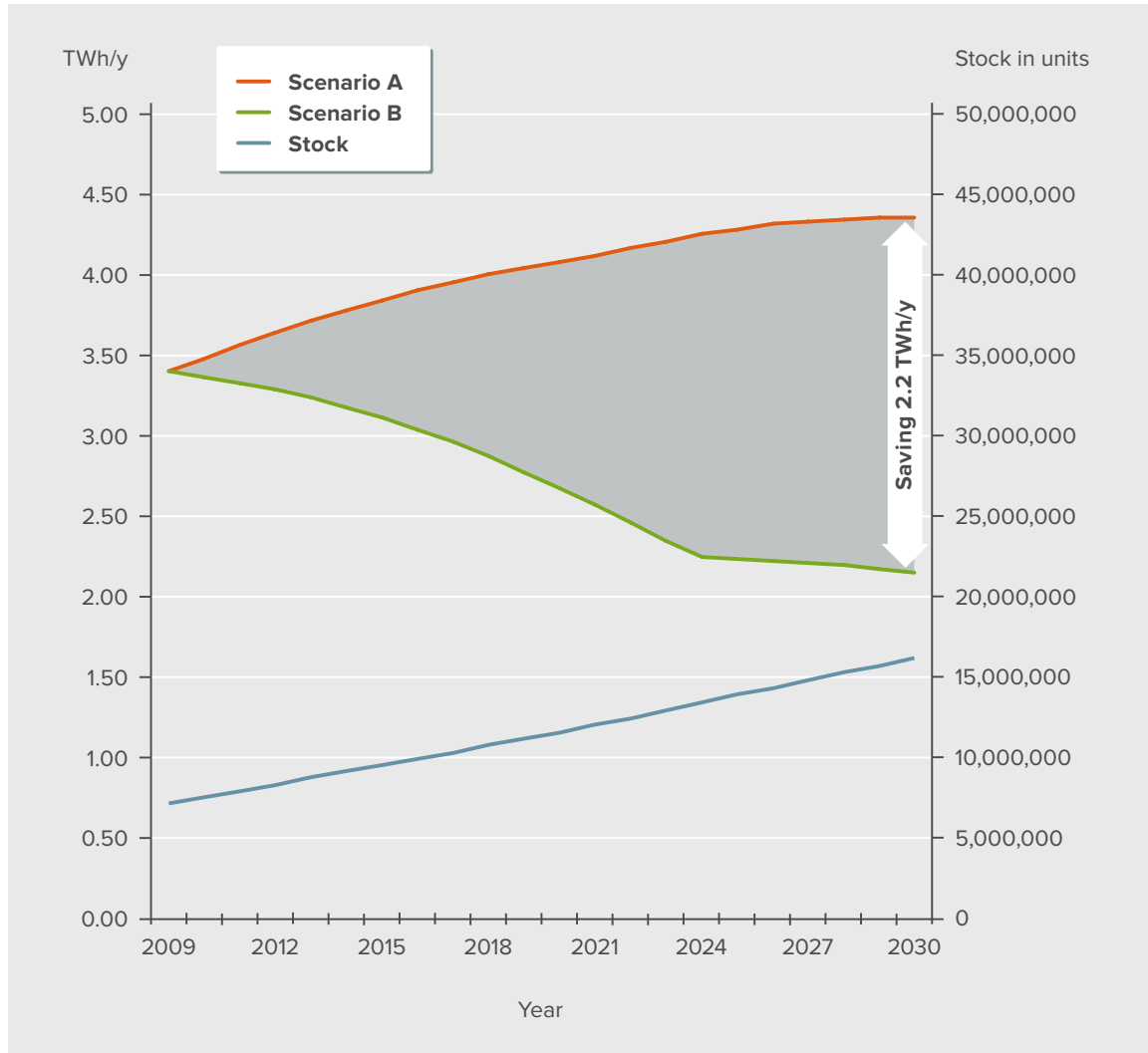
Case study: Cold appliances

- Market study: **Freezers**





Case study: Cold appliances



- **Fridge/Freezers**

- Scenario A
(BAU)

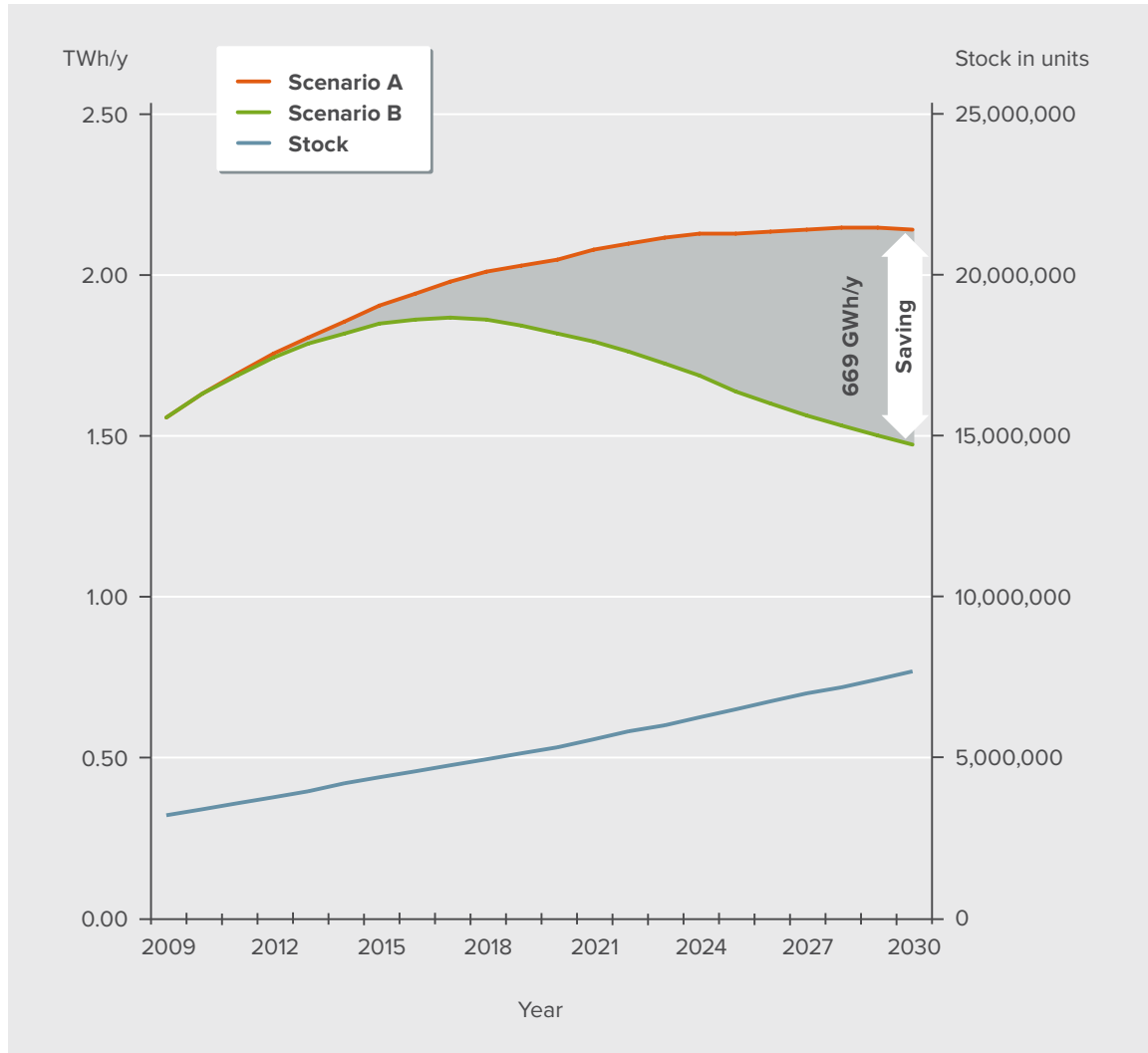
- Scenario B
(Efficiency)

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



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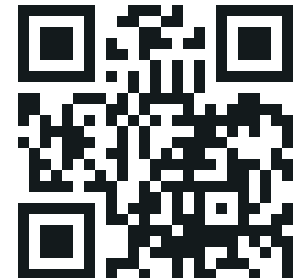
Thank you for your attention!

Any questions?

Start now



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