## RESIDENTIAL EFFICIENT LIGHTING ROLLOUT PROGRAM IN SOUTH AFRICA





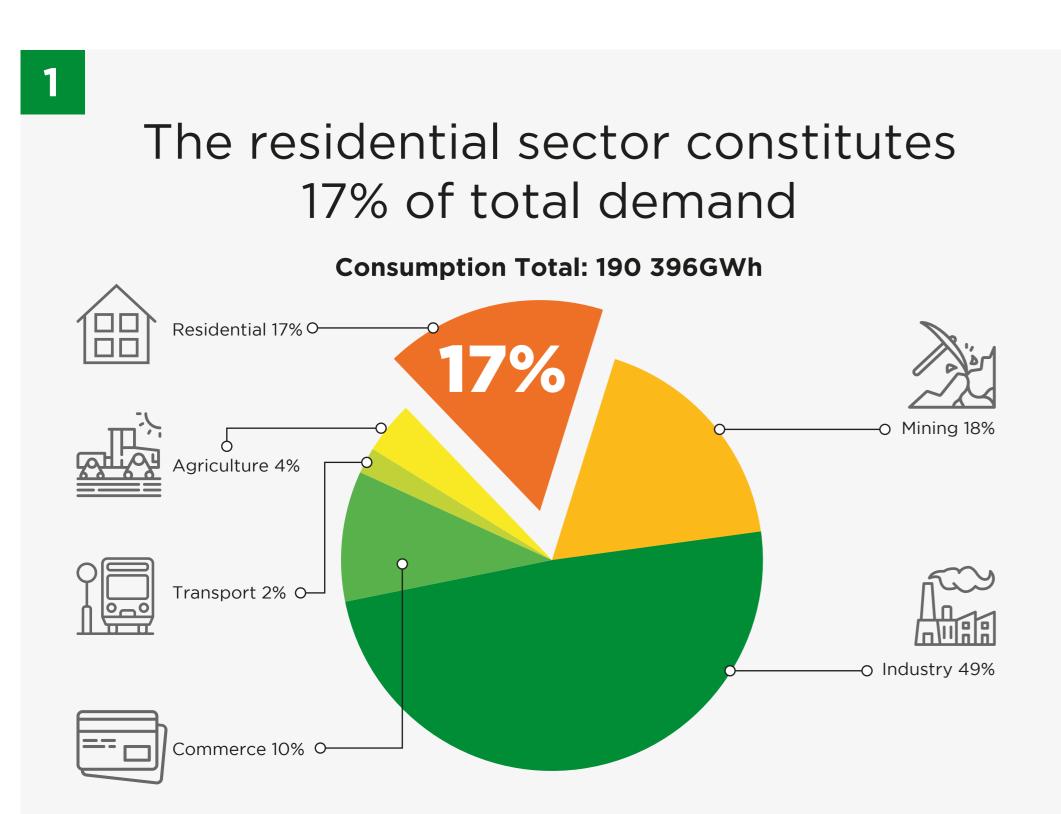
Stephane de la Rue du Can

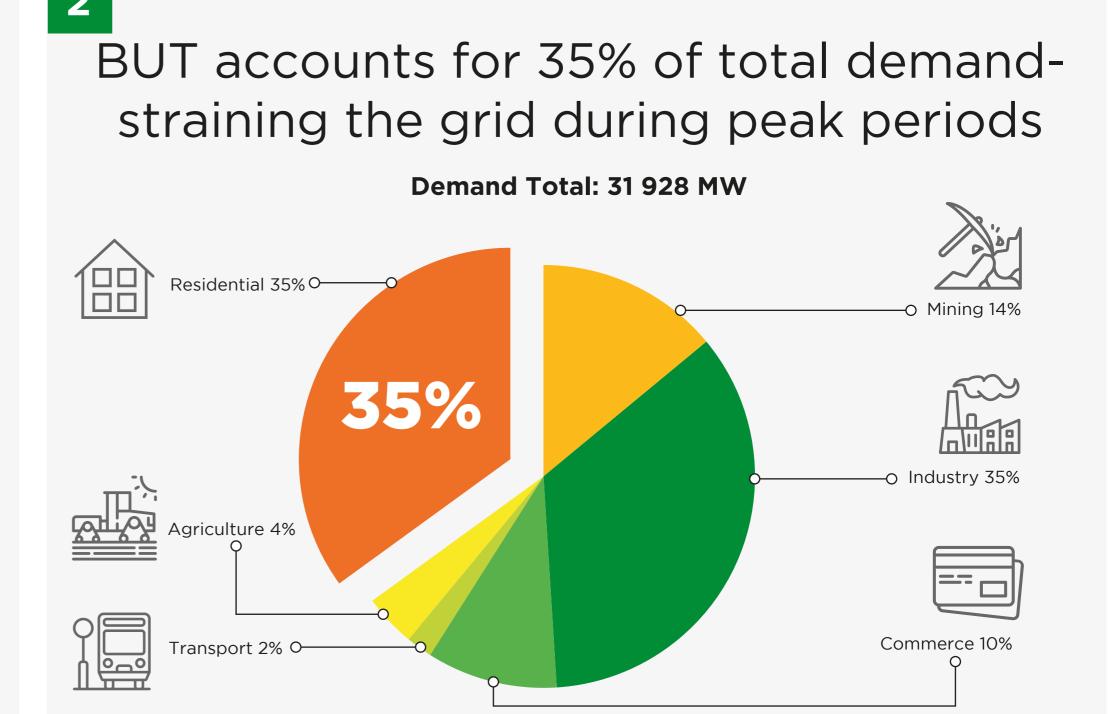


Mercy Shuma-Iwisi

From 2006, electricity demand exceeded supply and the country started experiencing rolling blackouts

4



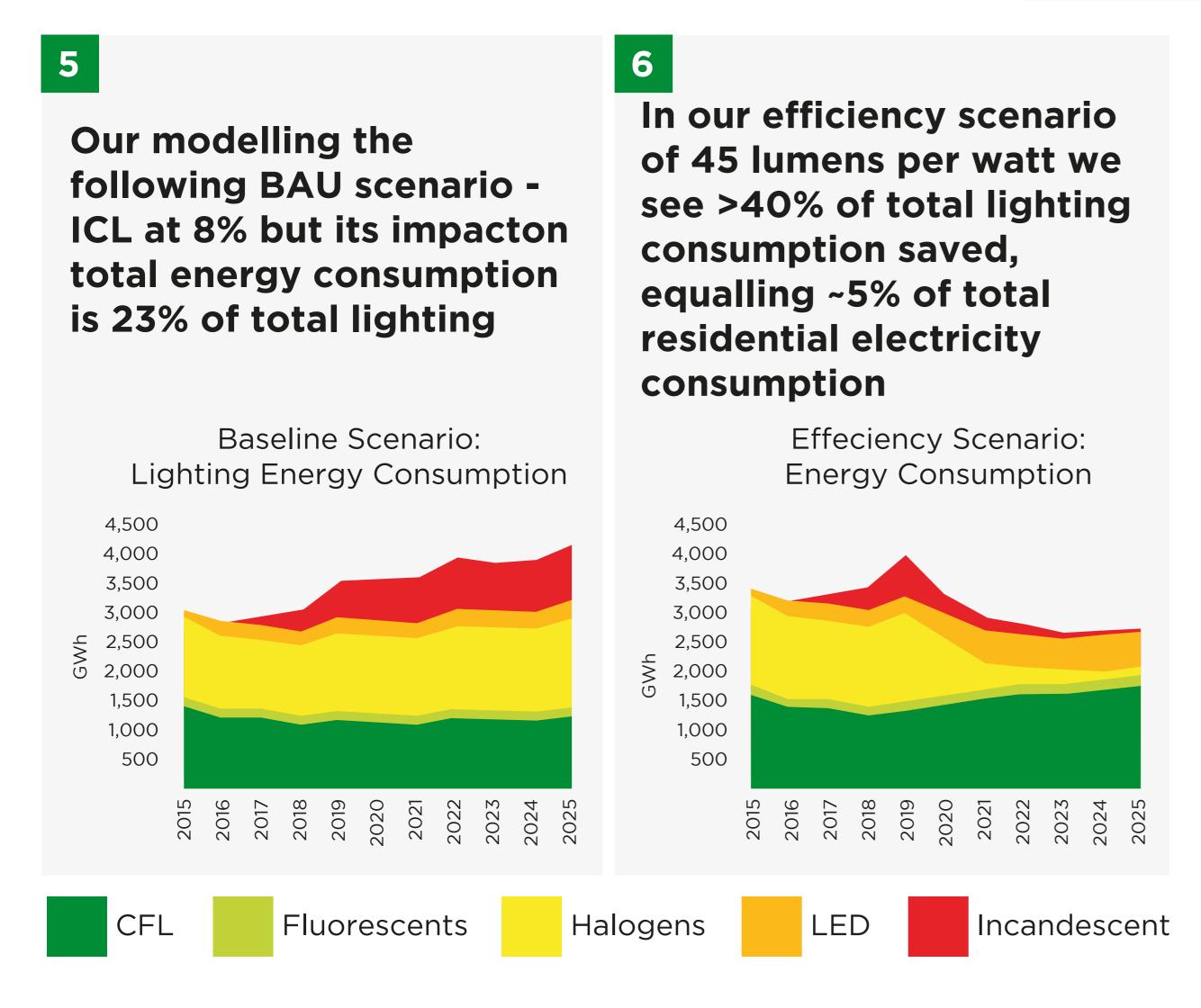


Eskom, the national utility, implemented a residential CFL rollout campaign to reduce peak demand. By the end of the programme in 2015 more than 70 million CFL had been distributed



By 2012 2.1 GW peak reduction Or 4 786 GWh of savings had been achieved

- When free CFL's were no longer available, consumers returned to the stores
- For most South Africans, CFL's were now the de facto energy saving technology to the detriment of LED lighting
- For low income households, many reverted back to illegally imported incandescent lightbulbs
- To compete, most LED's sold have lower technical specifications compromising user experience



**PLANNED ACTIVITIES IN 2019** BY SOUTH AFRICA'S STANDARDS AND LABELLING PROGRAMME Technology neutral technical specifications for General Service Lamps (industry consultation phase) to: Align with international minimum quality standards; Eliminate ICL; ■ Ban CFL's Launch of Information Label to help consumers when buying new lamps 18-23W 70W 16W **Higher** watts **Lower** watts uses **less** electricity uses more electricity