

## Erratum to: Bottom–Up Energy Analysis System (BUENAS)—an international appliance efficiency policy tool

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### Erratum to: Energy Efficiency (2013) 6:191–217 DOI 10.1007/s12053-012-9182-6

The original version of this paper unfortunately contained an error. The second paragraph and first sentence of the second paragraph of the Discussions and Conclusions section should read:

In absolute terms, it is difficult to gauge the significance of the CO<sub>2</sub> savings represented in Table 8. These results benefit from some comparison. For example, these results can be compared to reductions that the International Energy Agency deems sufficient to stabilize global CO<sub>2</sub> concentration at 450 ppm [9]. Emissions projections in the IEA's World Energy Outlook 2012 (WEO) are divided into emissions related to

power generation and emissions from transport and 'on site' consumption in the buildings and industrial sector. Most of the savings covered by BUENAS is in the form of electricity, which accounts for 1005 Mt of the 1075 Mt total, or 93 %. Annex A of the WEO report projects power-related emissions in 2030 to be 18,329 Mt in the Current Policies Scenario (CPS) compared to 6,696 Mt in the 450 Scenario. The difference between these two scenarios implies a policy-driven mitigation of 11,633 Mt in the power sector, or about two-thirds of the total mitigation of 16,316 Mt.

The 1005 Mt of electricity savings from BUENAS is 8.6 % of the WEO power sector savings. This is a very significant contribution to the target, especially since BUENAS is extensive in scope, but not comprehensive.

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