

Appendix C. Summary of results

Downer Infrastructure has commissioned Energetics to update their 2010 Life Cycle Assessment (LCA) of the greenhouse gas emissions of specific asphalt products from Bayswater and Somerton plants, to reflect the latest technological advances.

The results from this study are summarised below.

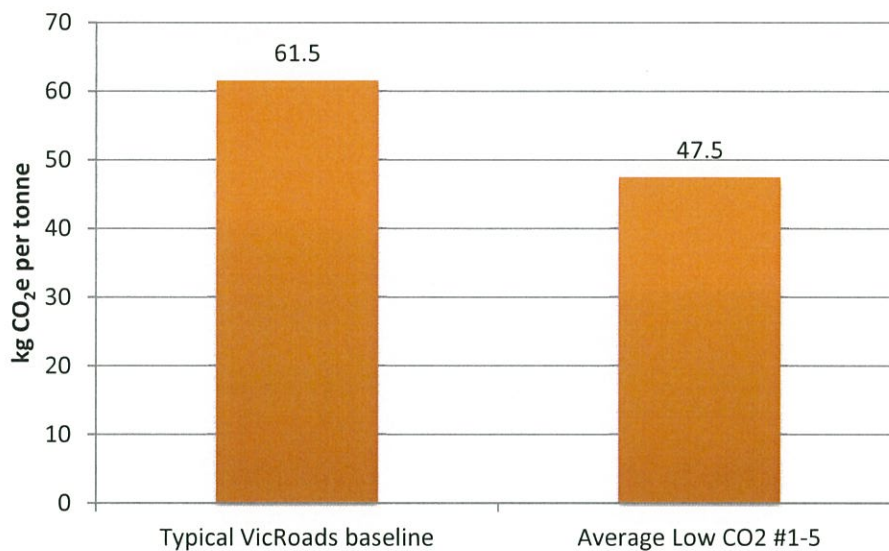
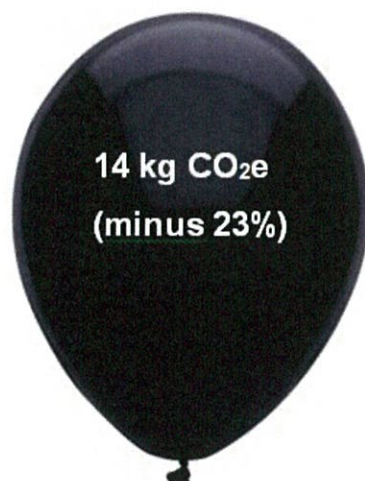


Figure 5. Average (unweighted) carbon footprints for the VicRoads baselines and the Downer Infrastructure Low CO₂ products from Somerton and Bayswater, cradle-to-gate, per tonne



Downer Infrastructure's Low CO₂ asphalt products reduce emissions by an average of 23% compared to typical VicRoads baseline products.

The average difference amounts to 14 kg of CO₂e saved per tonne of asphalt.