

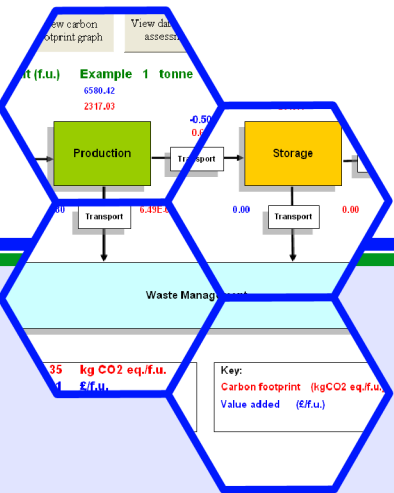
www.ccalc.org.uk
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Find out more about CCaLC - contact:

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CCaLC[®] Carbon Footprinting Tool



Project partners:

- AG Barr
- B & Q
- Chemistry Innovation
- Croda
- Crown Paints
- DEFRA
- Greggs
- Huhtamaki
- International Cuisine
- Johnson Matthey
- JW Ostendorf
- Kellogg's
- NWDA
- Policy Studies Institute
- PolyFlor
- Premier Foods
- SRM
- The Paints Research Association

Project funded by the UK Research Councils (EPSRC and NERC) and the Carbon Trust.

*Reducing carbon footprints
at minimum costs*

The CCaLC[®] Carbon Footprinting Tool
is available to download for FREE
from the CCaLC website

What is CCaLC?

CCaLC is a carbon footprinting tool that enables quick and easy estimations of the life cycle greenhouse gas emissions along the whole supply chains.

It provides a powerful tool for reducing and managing carbon footprints of products, processes or supply chains.

The methodological approach follows the internationally accepted life cycle methodology as defined by ISO 14044 and PAS2050.

The tool is simple to use by non-experts and it comes with comprehensive databases.

CCaLC is available **free of charge** at www.ccalc.org.uk

What does CCaLC include?

• Carbon footprinting

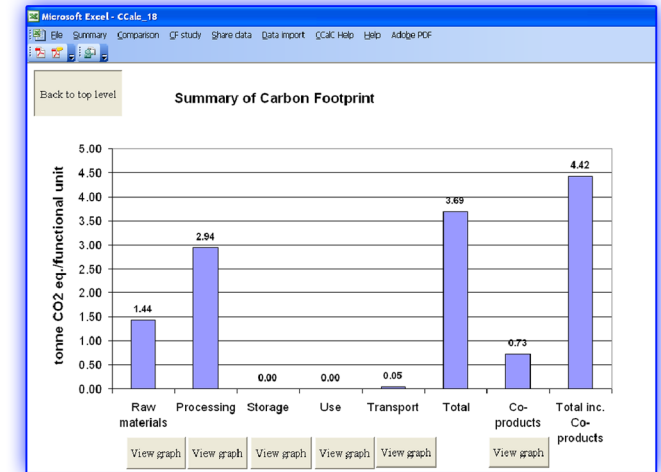
The CCaLC tool calculates carbon footprints from 'cradle to grave'. It enables identification of carbon 'hot spots' and carbon reduction opportunities.

• Other environmental impacts

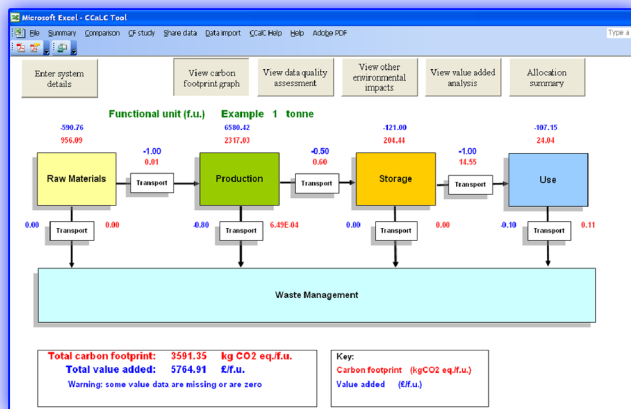
CCaLC also calculates other environmental impacts to show how they may be affected by any changes in the carbon footprint. These include acidification, eutrophication, ozone layer depletion, photochemical (summer) smog and human toxicity.

• Economic impacts

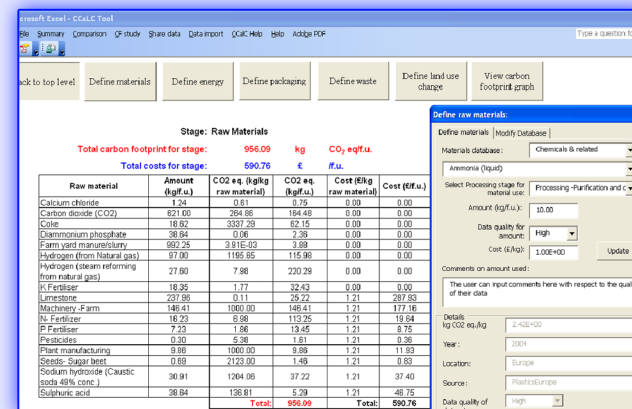
CCaLC enables estimation of economic value added, to show the trade-offs between 'carbon added' and 'value added'. The cost of reducing carbon footprints can also be estimated.



Identification of carbon 'hot spots'



CCaLC top-level view



Example databases

• Optimisation of carbon footprints

The tool enables identification of optimum low-carbon options at minimum costs.

• Databases

- Materials
- Energy
- Transport
- Packaging
- Waste

• Case studies

- Chemicals and related
- Food and drink
- Bio-feedstocks
- Biofuels

Databases and case studies can be modified to suit the specific needs of the user.