

## Standards and Guidelines: Embodied Carbon - The Inventory of Carbon and Energy

<http://www.circularecology.com/ice-database.html>

### Summary

A database for embodied energy and carbon in materials. It formed the basis of a huge amount of evidence for embodied energy and carbon in construction materials.

An associated guide published by BSRIA provides an introduction to embodied carbon assessment in the construction industry. It gives some data but the reader is referred to the database of more up-to-date and detailed information.

**Owner:** G Hammond & C Jones

Type					Themes			
Strategic	Management reporting	Design or data specific	Assess./indicator framework	Standards	General sustainability	Carbon / climate	Sector Specific	Other
<b>Country</b>	International			<b>Development</b>	ICE was initially created by the University of Bath during a research project funded by the Carbon Trust and the Engineering and Physical Sciences Research Council. In 2006, the database was made available for download. The Guide was produced in 2011.			
<b>Sector</b>	Construction (materials)							
<b>Published</b>	2011							
<b>Access</b>	Free to download (registration required)							
<b>Target group / users</b>	Aimed at a range of professionals involved in the construction industry and should be especially relevant to designers, architects, building engineers, building owners and end users, as well as manufacturers of building materials and products.			<b>Key sustainability themes</b>	Embodied carbon			

*Note: "Free to download" does not imply that is free for commercial use.*