

ASBP Embodied Carbon/LCA Webinar Series

Tool Information Sheet

Tool name	H\B:ERT
Website	https://www.hawkinsbrown.com/services/hbert
Cost for users?	free
Where does it source its data for materials?	Bath ICE database (2011). Currently V2.0. Proposing to update over the summer 2020. Users can enter their own data in from EPDs etc.
Which life cycle modules does it include? (delete as applicable)	A1-A3 A4 A5 B4 C1 C2 C3 C4
Which environmental indicators does it include? (delete as applicable)	Embodied Carbon in line with BS EN 15978:2011.
Where is scenario data sourced from? (if relevant)	The methodology for data use is based on research findings from Dr Schwartz's research, 'Refurbish or Replace - the life cycle performance of existing buildings and their replacements', for more information please see Dr Schwartz's paper ' Semantically Enriched BIM Life Cycle Assessment to Enhance Buildings' Environmental Performance '.
Transport:	
Site waste:	
Services lives:	
End of life routes:	
Does it link with CAD/BIM tools, if so which?	Revit 2017, 2018, 2019
Can you export results, e.g. to Excel or Word?	The tool allows access to a spreadsheet of data which can be exported to excel. The standard output is a pdf with visuals showing coloured, proportional blocks showing the embodied carbon load of different materials.
Additional features (e.g. whole life costing)	None at present.
What help is available to users?	Helpfiles / Manual / Email / YouTube tutorial
Is there a checking or auditing service to review assessments?	The tool is free as it is proposed to allow designers to assess Embodied Carbon from the earliest stages of design. The information it outputs is as good as the model the analysis is run against. I.e. it relies on the accuracy of the user to tag their materials rigorously.