

RP2007

INTEGRATED CARBON METRICS – A MULTI-SCALE LIFE CYCLE APPROACH TO ASSESSING, MAPPING AND TRACKING CARBON OUTCOMES FOR THE BUILT ENVIRONMENT

Snapshot

The Integrated Carbon Metrics (ICM) project quantifies the carbon emissions for the various processes in our urban environment. This includes both the direct as well as the indirect or 'hidden' carbon emissions ranging from the production of building materials to the design and construction of whole precincts.

Outcome

Breaking the emissions down into smaller and smaller components will identify where potential research opportunities exist which provide the best return on investment. The project develops the metrics and decision support tools for building designers, manufacturers, planners and developers. The ICM Tool and data outputs will enable others to more accurately assess the carbon impacts of their projects/activities.

Low Carbon Precincts

4. Designing integrated low carbon precincts

Project Leader

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Partners

UNSW; UniMelb; UniSA; AECOM;
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PROJECT START DATE: MAY-14

PROJECT DURATION: 4 YEARS