RP1017

VALIDATING AND IMPROVING THE BASIX ENERGY ASSESSMENT TOOL FOR LOW-CARBON DWELLINGS

Snapshot

This project is designed to provide the government with strategic assistance in improving the BASIX assessment tool to deliver an effective legislative driver for low-carbon dwellings. It employs a mixed method approach, including both quantitative and qualitative analysis.

Outcome

An energy efficiency model will be derived from the measurement of energy consumption, building characteristics and socio-demographic information. These measurements will be gathered over a 12-month period, which are then compared to BASIX predictions, and used to identify socio-technological aspects that influence energy performance of dwellings, and determine priority areas to change. NSW Department of Planning and Infrastructure plan to use the expected research outcomes to assist the NSW Government in improving the BASIX assessment tool.

Integrated Building Systems

3. Mainstreaming low carbon buildings

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Partners

UNSW; NSW Office Env & Heritage; NSW Dept Planning & Infrastructure; Dept of Infrastructure; City of Sydney

PROJECT START DATE: JUL-14

PROJECT DURATION: 3 YEARS