



Low Carbon Living Knowledge Hub Project Overview

January 2017

The Low Carbon Built Environment Knowledge Hub project will deliver a key goal of the CRC-LCL to increase the access and use of research and evidence by practitioners and policy makers, and to provide an enduring platform for CRC Node of Excellence and partner collaboration. It will do so by curating and providing easy access to a wide range of quality research and resources on Low Carbon Living.

This initiative will enable building sector policy makers, researchers, industry, and funders to find and use the tools and resources they need to implement ambitious sustainable building actions and share best-practices and lessons learned. It will also increase the international visibility of the outputs of CRC and agency of CRC partners by proposing this as a flag-ship program of the Global Alliance on Buildings & Construction (which the CRC joined in December 2015).

Audience

The key animators of the knowledge hub will be CRC Nodes and partners reaching an audience of government policy makers, researchers and private sector organizations. More specifically, the knowledge hub will service a number of stakeholders, including but not limited to:

- **CRC LCL Research Nodes of Excellence and Partners**
- **National, State and local Governments** (to support policy development (building codes, compliance regimes, labelling, rating, etc.), EE and resource efficiency initiatives (such as in the UNEP 10 Year Framework of Programs)
- Industry and practitioners
- Project proponents and/or funding agencies
- NGOs and research organizations

Project leads

Professor Peter Graham, Swinburne University of Technology

Ms Amanda Lawrence, APO

Michelle Zwagerman, APO / Swinburne University of Technology

Partner projects

Australian Policy Online (APO) apo.org.au

Global Building Performance Network (GBPN) www.gbpn.org

Project strategy

It is anticipated that the Knowledge Hub will be developed in two phases with this being the first one. This two year project has 4 key elements to knowledge hub IT platform development and implementation:

- 1) Research and industry consultation strategy;
- 2) Technical and design strategy;
- 3) Content strategy; and
- 4) Management and Business planning strategy.

1. Research and industry consultation strategy

Stakeholder consultations through a series of workshops to be conducted across capital cities in Australia in partnership with CRC Nodes of Excellence. The workshops will be facilitated to guide Stakeholders through an evaluation of their information and research needs, and to consider how the knowledge hub could best serve their needs.

2. Technical strategy and design strategy

The project will focus on aligning existing resources rather than duplicating existing repositories and databases. Instead, the knowledge hub will leverage the more than \$20 Million investment in significant existing web-based knowledge infrastructure such as APO and GBPN, operated or involving Swinburne University, to create a comprehensive, but low running cost open access gateway to the evidence-base, policy & best-practices, analytical tools and technologies and innovations for low-carbon living.

3. Content strategy

A key aspect of the project will be the development of a database and data archive of built environment publications and data sets that is able to be properly curated, archived, evaluated, rated, and systematically reviewed. This will provide an opportunity to bring together and manage the CRC-LCL research legacy in one central database, and combine these resources with others in the field, enhancing their value and discoverability.

4. Business Strategy

The project will develop business plans and investigate ways for ongoing operation of the knowledge hub into Phase 2.

For more information please contact

Michelle Zwagerman, Project Manager Email: mzwagerman@swin.edu.au

To join a mailing list for updates go to:

<http://apo.org.au/content/low-carbon-living-knowledge-hub>