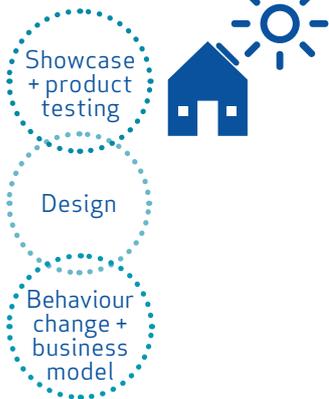




## PROVIDING EVIDENCE BASE FOR POLICY, PLANNING AND DESIGN INNOVATIONS

- + Involving local governments and eight state government land organisations
- + Providing high quality evidence for enhanced microclimates in cities
- + Producing a suite of national Living Laboratories that are providing a test base for new technologies, social change and behaviour at community level
- + Assessing the effects of UHI mitigation strategies linked to policy interventions
- + Addressing market factors supporting the deployment of high performance buildings
- + Series of national exemplar projects promoting the uptake of distributed energy generation and high performance buildings

### 11 LIVING LABORATORY PROJECTS



### ENABLING SIGNIFICANT CONTRIBUTIONS TOWARDS AUSTRALIA'S 2030 EMISSIONS REDUCTION TARGET

Contributing to the aims of the Energy White Paper "Increasing energy productivity to promote growth", in particular, two of the areas identified in the paper:

1. National Energy Productivity Plan (energy efficiency) – Commonwealth target carbon abatement of around 150MT by 2030
2. Technology improvements and other sources of abatement – Commonwealth target abatement of about 200MT by 2030

### WHAT OUR GOVERNMENT PARTNERS TELL US

"One of the greatest barriers to innovation in Australia is the translation of the knowledge and technology outputs of our research sector into industry application for value creation. The CRC for Low Carbon Living is working with industry, government and research partners to underpin the innovation performance of the built environment sector in Australia. It does this through developing standards, co-developing technologies, creating tools, and building evidence to assist decision making and the results are flowing quickly from research to industry application to the benefit of partner organisations and the broader sector alike. I commend the CRC in particular on the commitment to living laboratories as a vehicle to ensure research is tailored to end user applications, that early stage researchers are exposed to industry drivers and that community education and outreach is integral to all research activity."

**MEGAN ANTCLIFF**  
 Director, Technology and Creative Industries and  
 Director, Tonsley Redevelopment, South Australian  
 Investment Attraction Agency





LOW CARBON LIVING  
CRC

## PROVIDING EVIDENCE BASE FOR POLICY, PLANNING AND DESIGN INNOVATIONS

“I wish to acknowledge the value that the Victorian Building Authority is gaining from its involvement with the CRC for Low Carbon Living. Important, and timely research that bears directly on the Authority’s regulatory reform program is being undertaken by the CRC which would not otherwise have been initiated. These research projects cover pertinent areas such as; development of building codes and performance standards; technological innovation in design and construction; capacity building for industry stakeholders; community engagement; and data management.”

**ROBERT ENKER**  
Specialist Technical Advisor,  
Victorian Building Authority



“The NSW Department of Planning and Environment has been working with the CRC for Low Carbon Living on a project to validate the low carbon outcomes of residential buildings compliant with the Building Sustainability Index (BASIX) policy. My team is impressed by the ability of the CRC to engage experts in fields ranging from building science to social psychology to bring forward innovative solutions. What we appreciate most about working with the team at CRC is their commitment to engage the community (local councils, householders and building committees) for the project. Progress to date strongly suggests that the project will provide a solid evidence base to inform future sustainability strategies.”

**DR KEVIN YEE**  
Senior Technical Specialist,  
ePlanning, NSW Department of  
Planning and Environment

