

RP2018

# RETROFITTING URBAN PRECINCTS TO CREATE LOW CARBON COMMUNITIES

## Snapshot

This research seeks to identify the opportunities and blockages in such transitions through a living laboratory approach (using Broadway precinct in Sydney) and then identifying widely applicable typologies that may enable such a transition to be applied to any precinct.

## Outcome

The ultimate output of the project will be clearly policy direct and an urban transition manual and toolkit which will assist future transition teams create successful low carbon infrastructure in the future. The research to deliver the ultimate output will be staged into 2 distinct phases. Phase 1 of the research will be focussed on setting the context and baselines for the research and the transition of the precinct into a Living Laboratory. Subsequent Phases will be focussed on option and scenario development and documentation of transition pathways.

## Low Carbon Precincts

### 4. Designing integrated low carbon precincts

#### Project Leader

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#### Partners

AECOM; Brookfield Multiplex; Swinburne; UNSW; Sydney TAFE; UTS; City of Sydney; Better Building Partnership; Urban Growth NSW

**PROJECT START DATE: NOV-14**

**PROJECT DURATION: 1 YEAR**