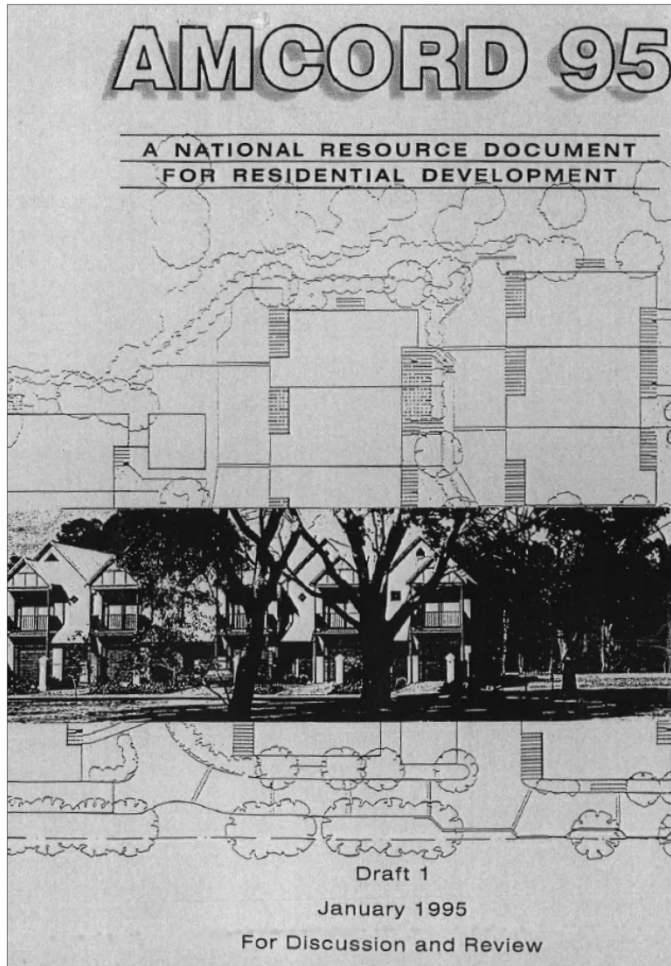


CRC for Low Carbon Living Launch Workshop

Program 2: Low Carbon Precincts

Wednesday 12 December 2012
University of NSW



1995

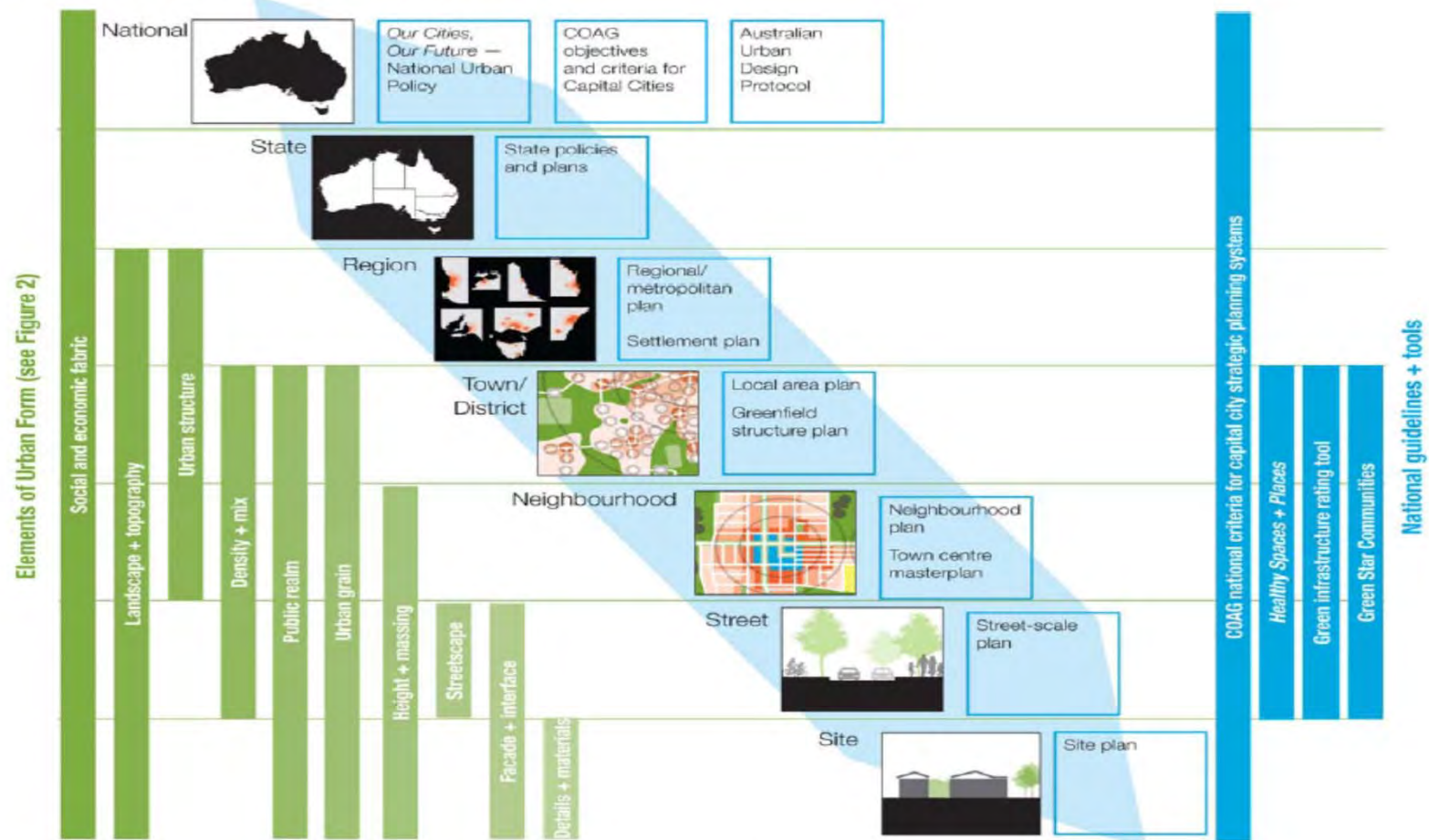


2011

CREATING PLACES FOR PEOPLE

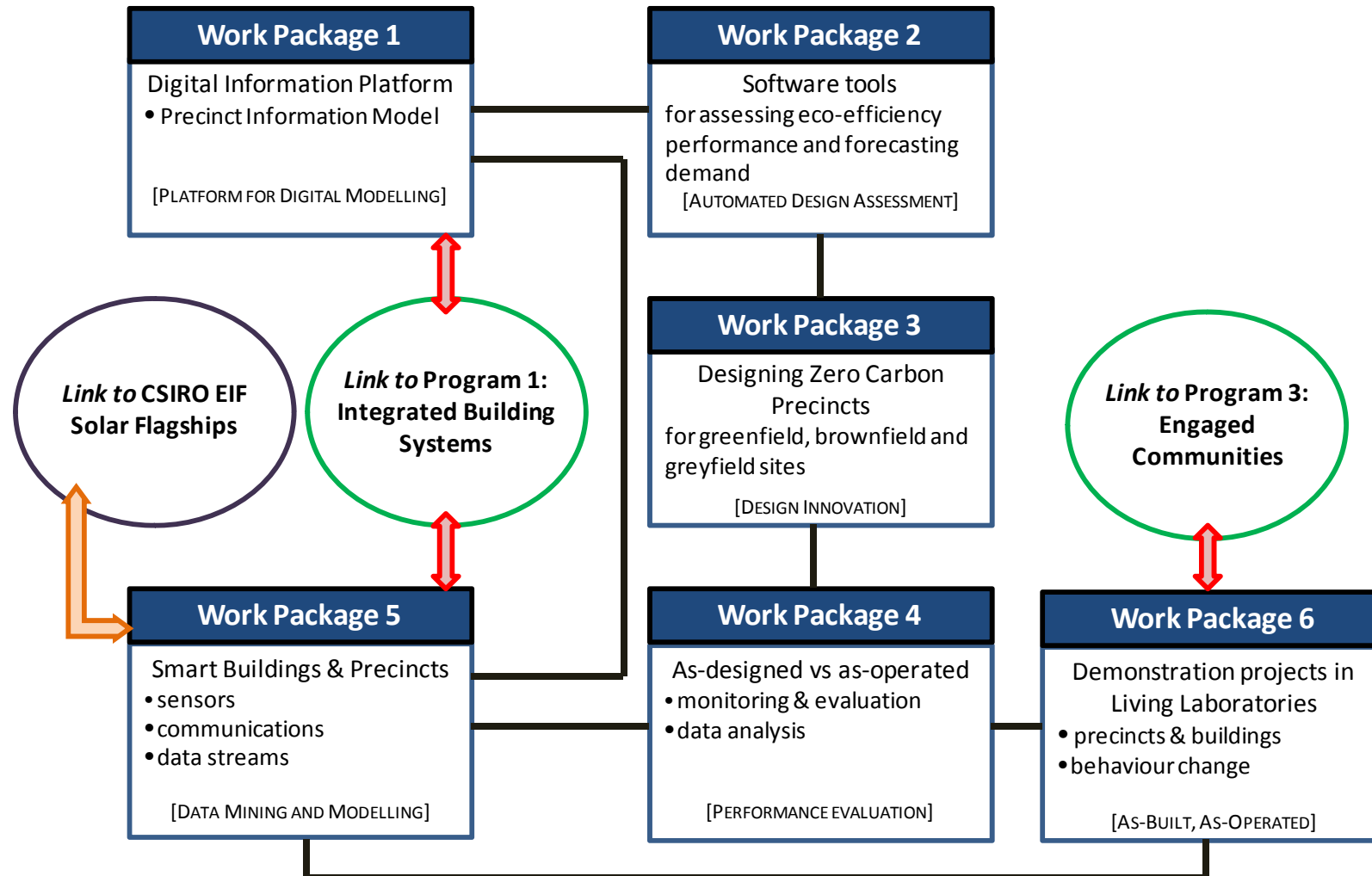
4

Figure 1: Line of sight from national to site level



Thinking about urban design, strategic and statutory planning at different scales helps put them in context. The elements of urban design are illustrated next to the scale of planning at which they are commonly addressed. Concept adopted from *Next Generation Planning*, published by the Council of Mayors (SEQ), 2011

Workflow structure for Program 2 Low Carbon Precincts



Activity Areas and Projects

Activity 1: Digital Information Platform

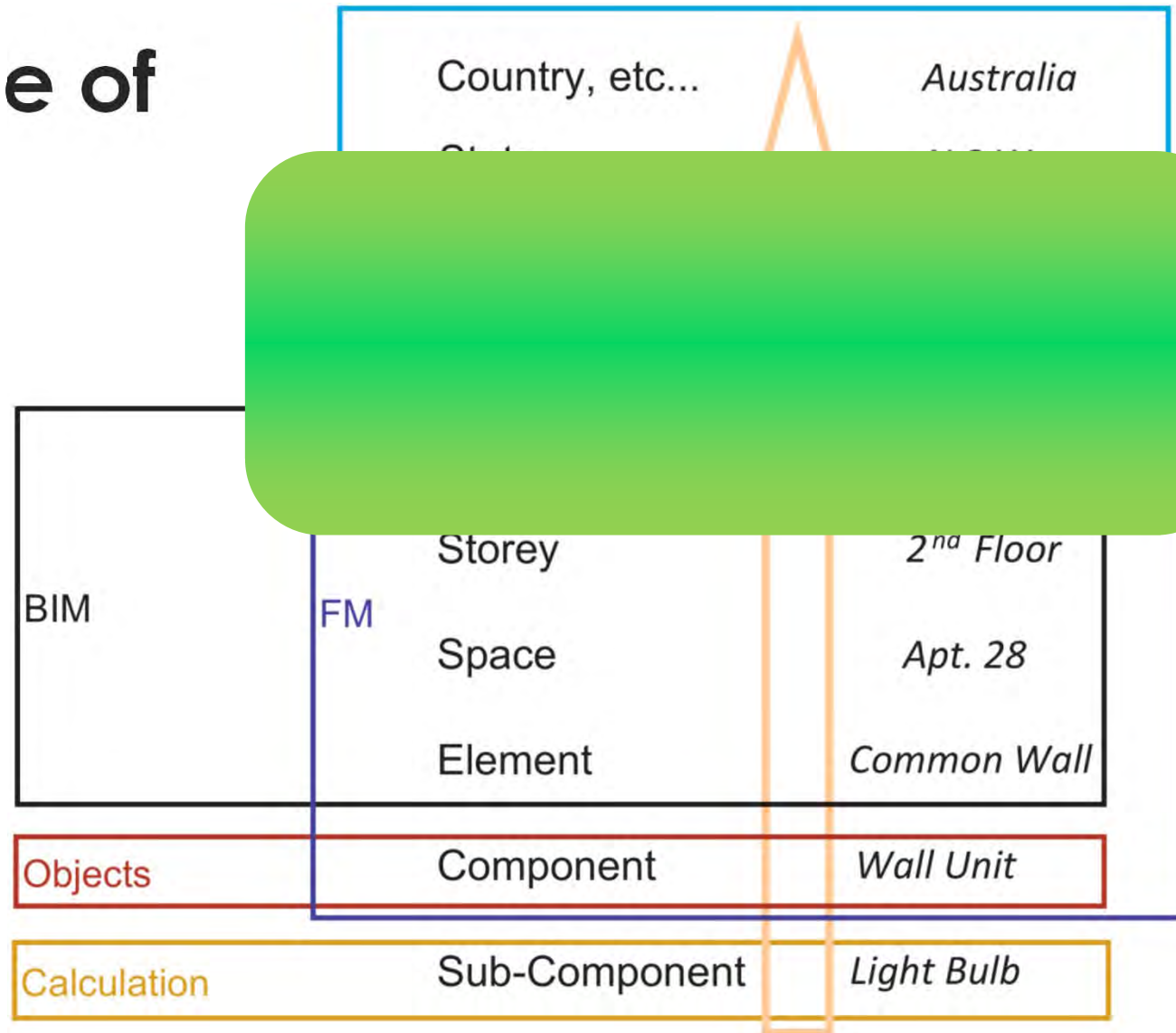
Project: Scoping study for precinct design assessment tools
(Module 1: PIM)

Activity 2: Performance Assessment & Demand Forecasting for Precincts

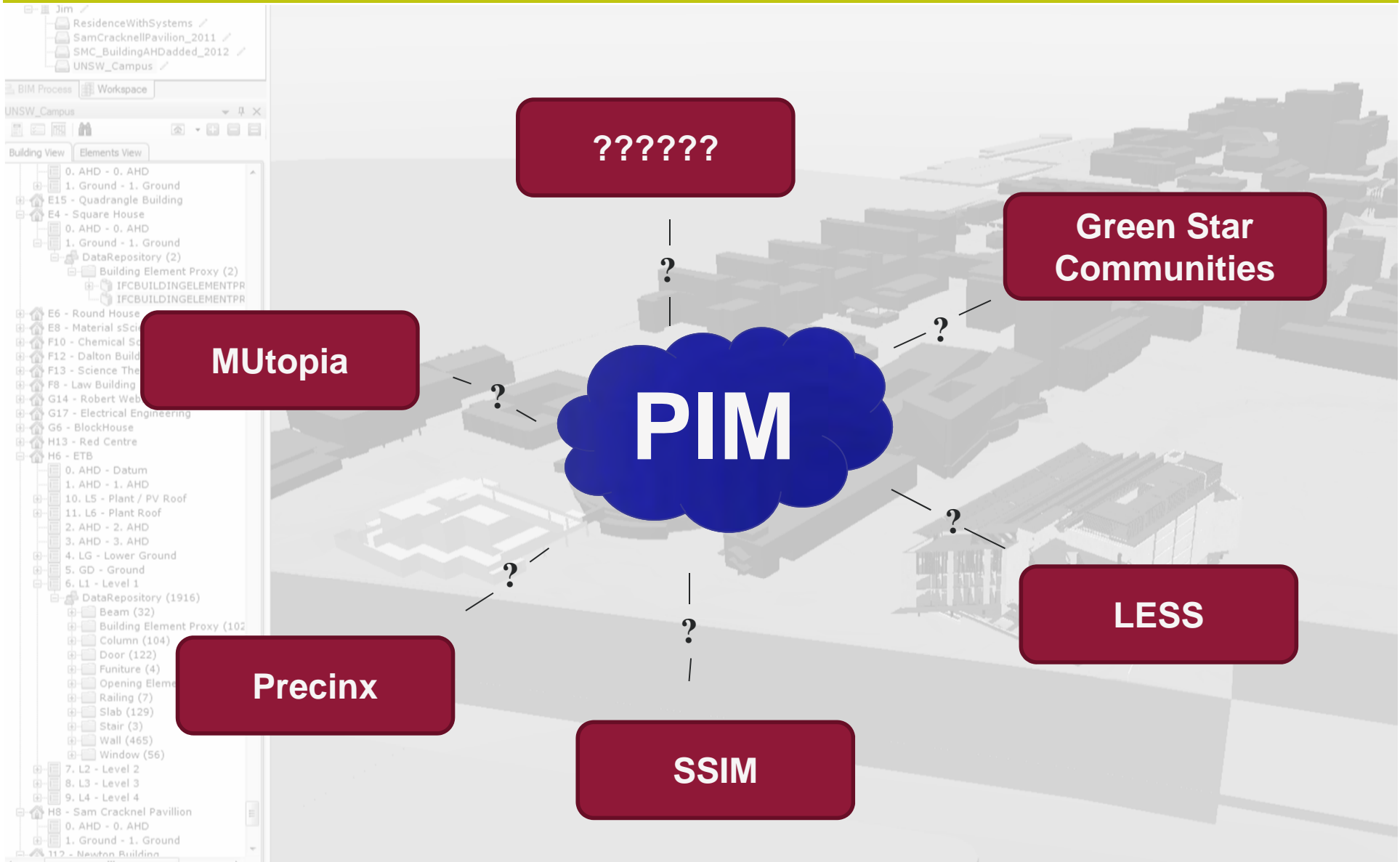
Project: Scoping study for precinct design assessment tools
(Module 2,3: Assessment methods, databases)

Project: Integrated energy, transport, waste and water demand forecasting and scenario planning for precincts

The Scale of "Things"



How to interface existing Precinct Tools with PIM?



Activity Areas and Projects

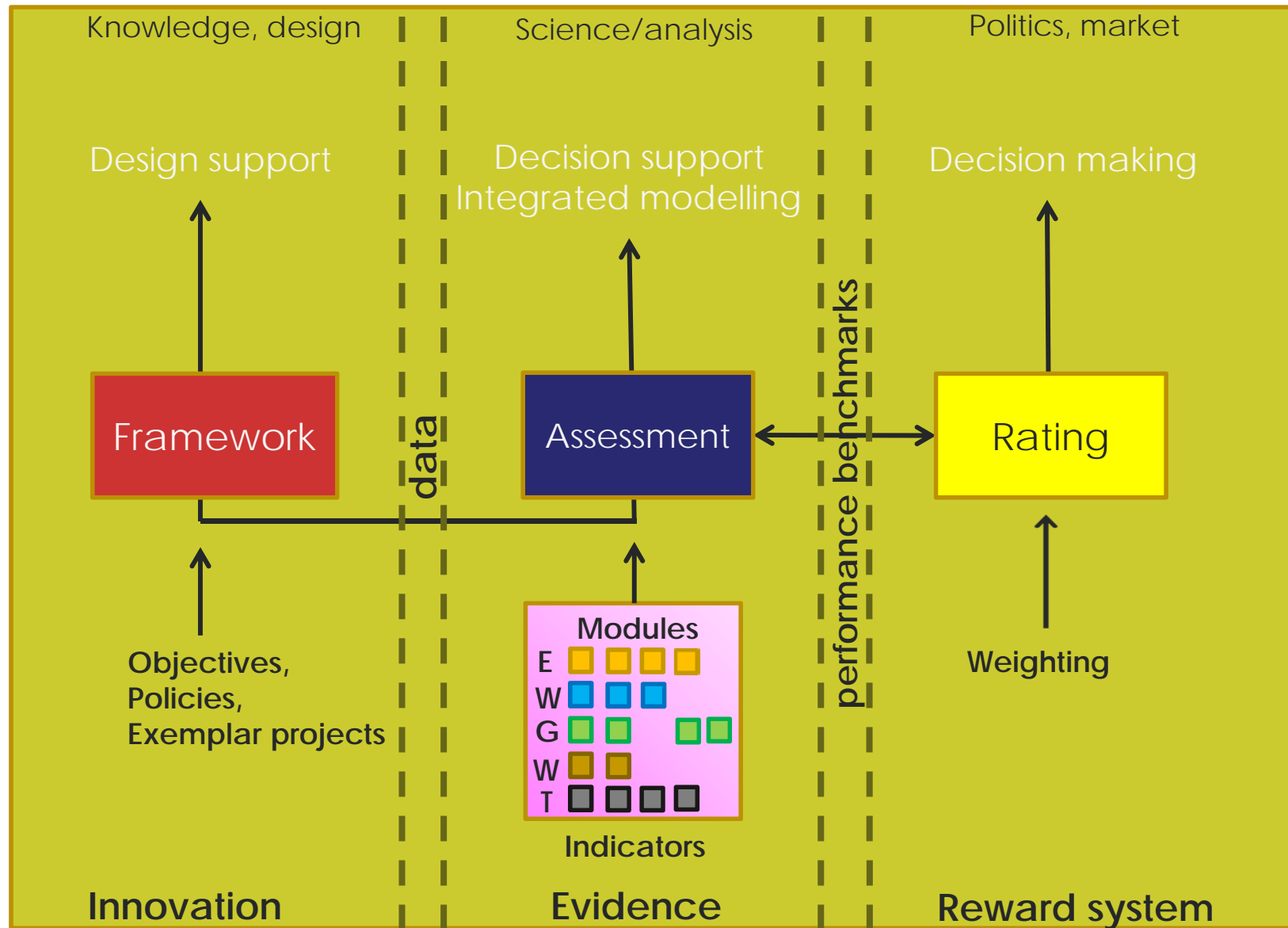
Activity 2: Performance Assessment & Demand Forecasting for Precincts

Project: Scoping study for precinct design assessment tools
(Module 2,3: Assessment methods, databases)

Project: Integrated energy, transport, waste and water demand forecasting and scenario planning for precincts



The Arena of Precinct Design Assessment



Activity Areas and Projects (cont'd)

Activity 3: Design Innovation

Project: Low carbon precincts – international review of best practice policy and practice

Project: Design interventions for urban heat islands

EoI: Brownfield precinct redevelopment

EoI: Low/zero carbon building/precinct technologies

Activity 4: Performance Evaluation (precincts as operated)

[Living laboratories/ Joint with program 3]

Activity Areas and Projects (cont'd)

Activity 5: Data Mining and Modelling

Project: Joint CRC/AURIN project on integrated energy/water database for Sydney (+ consumption models; Jevons effect)

Project: Health co-benefits calculator

Project: Carbon metrics for the built environment (cross program)

Workshop Discussion

- Is the 'Program Framework' appropriate ?
- What other 'precinct' issues/topics are not covered yet?
- Open discussion....