



#### **Some Questions**

- Please stand up if you are an LCIA practitioner.
- Please remain standing if you conduct LCA across more than one impact category.
- Please remain standing if your work results in recommendations that affect the public or business.
- Please sit down if the LCIA's that you do always result in ALL impacts favoring one outcome.

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#### **Some More Questions**

- Please stand up if you are an LCIA practitioner.
- Please remain standing if you conduct LCA across more than one impact category.
- Please remain standing if your work results in recommendations that affect the public or business.
- Please sit down if the LCIA's that you do always result in ALL impacts favoring one outcome.

This workshop is for you



# So If Some of Us Need Weightings where should we get them?

- Three basic methods many variants:
  - Distance-to-target Political targets as a basis for weighting
  - Externality costs Market methods to determine peoples' priorities/preferences
  - Panel methods Asking stakeholders



# Looking for Consistency and Representativeness

- Three basic methods many variants:
  - Distance-to-target Political targets as a basis for weighting

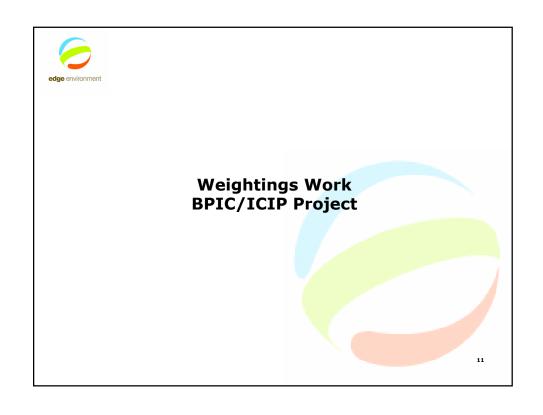
**Consistency x** Representative ✓

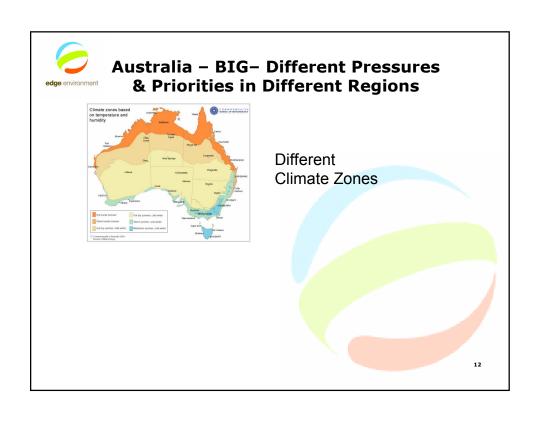
 Externality costs - Market methods to determine peoples' priorities/preferences

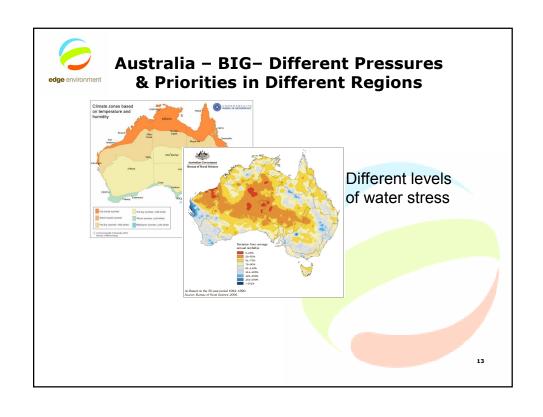
**Consistency x** Representative ✓

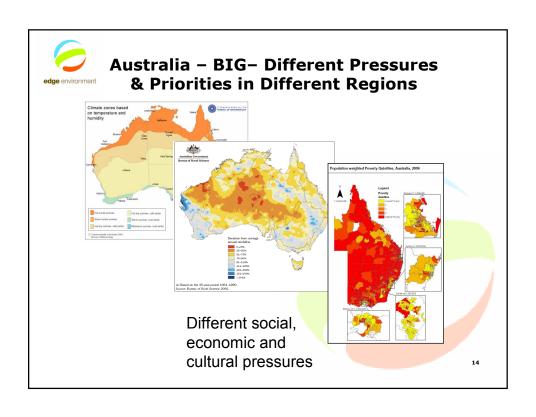
Panel methods – Asking stakeholders

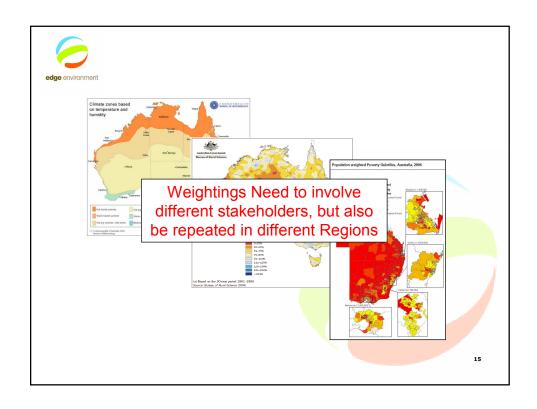
**Consistency** ✓ **Representative** x



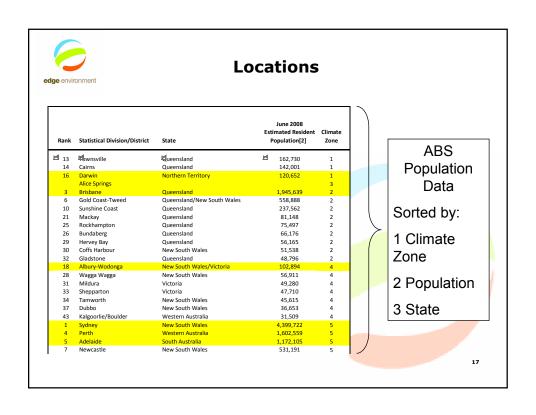


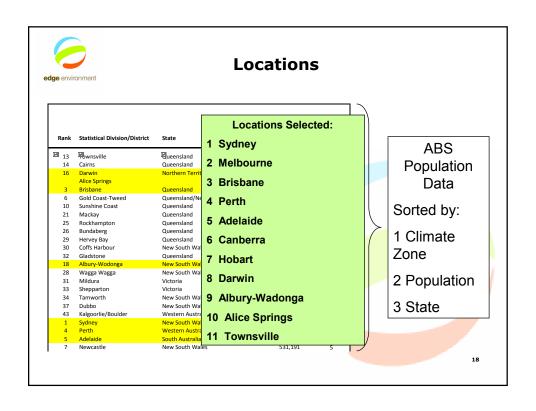




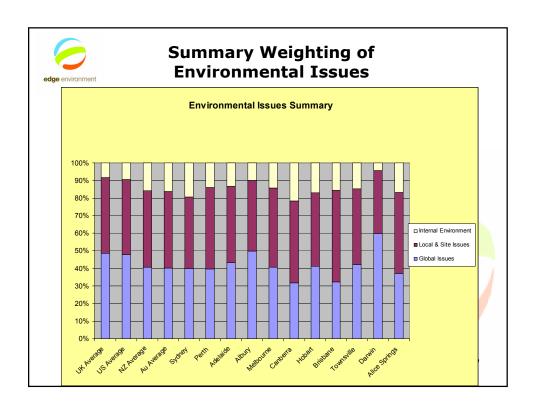


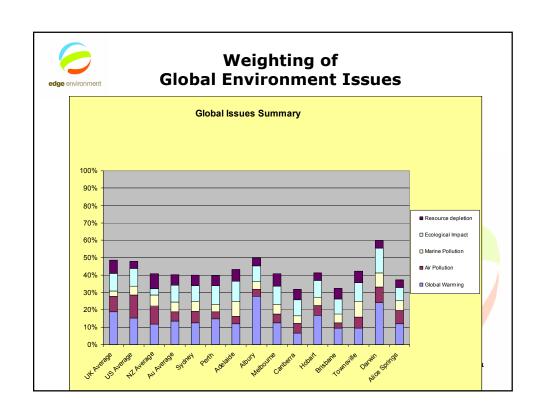


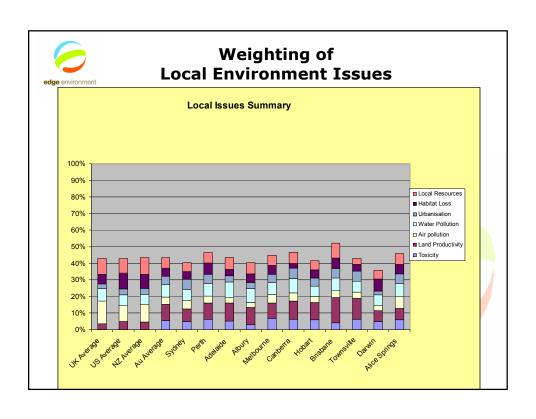


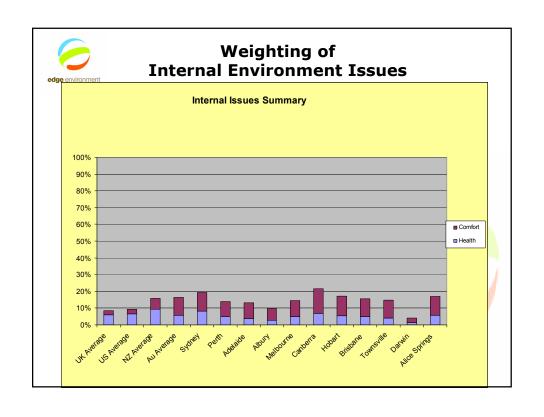


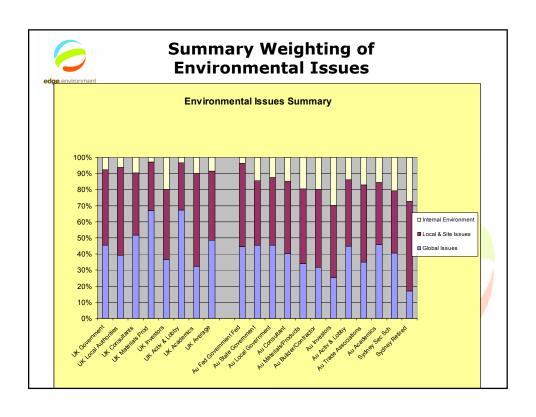


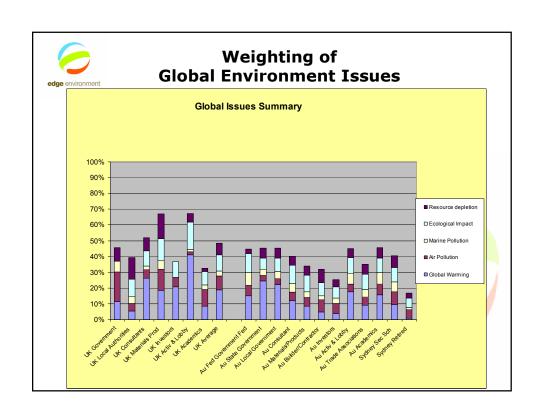


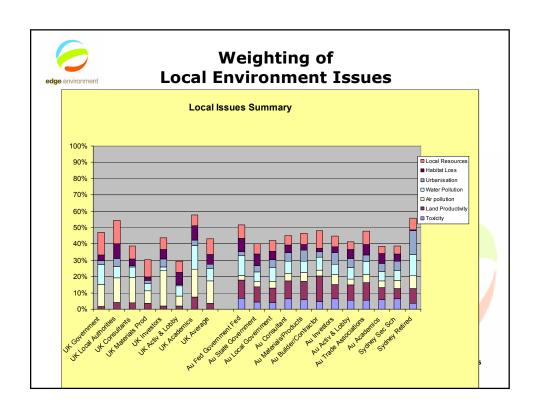


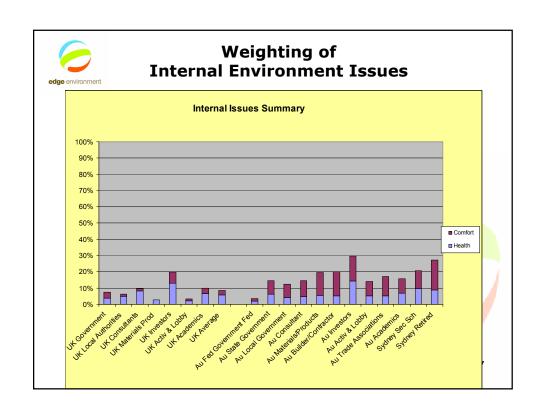


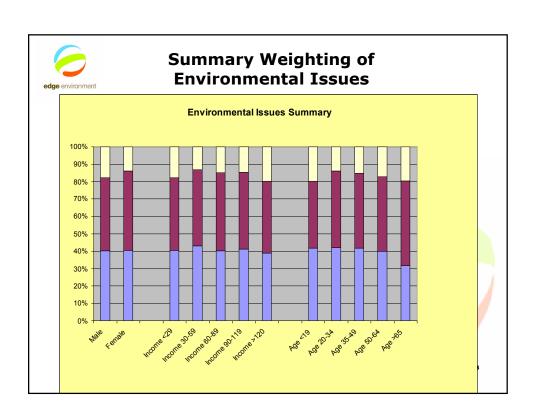


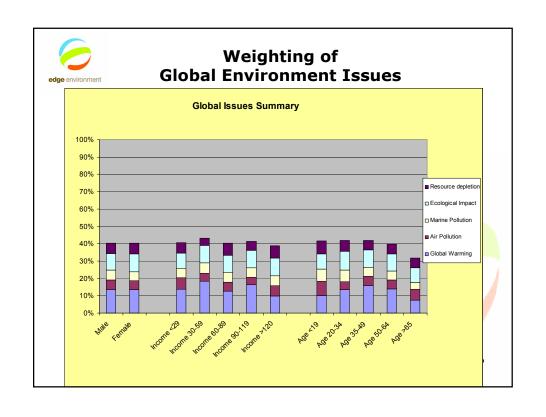


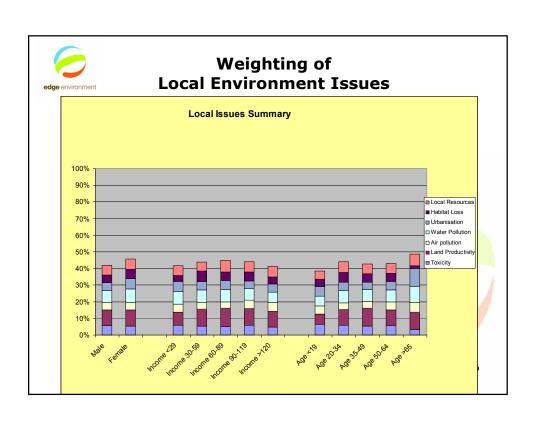


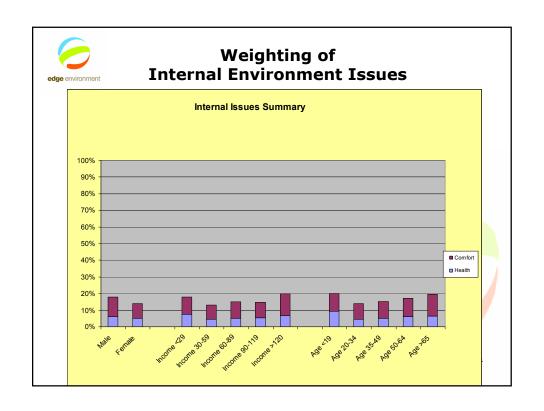








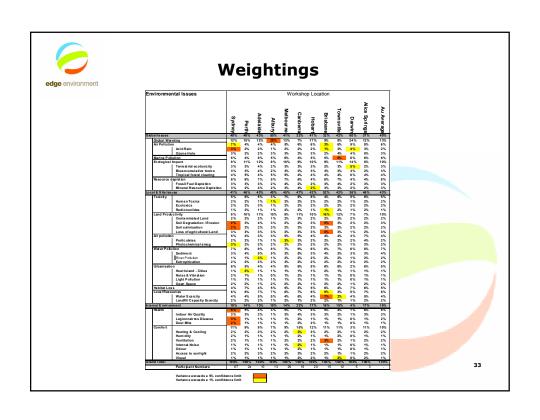


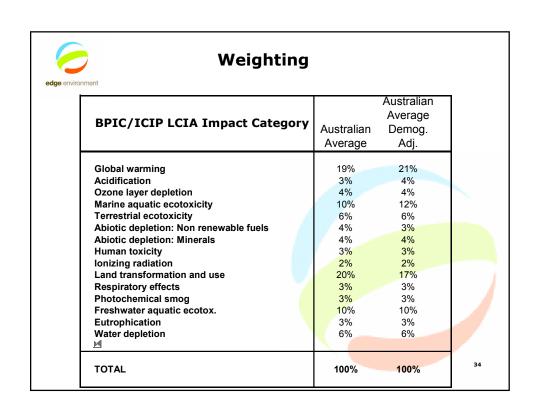


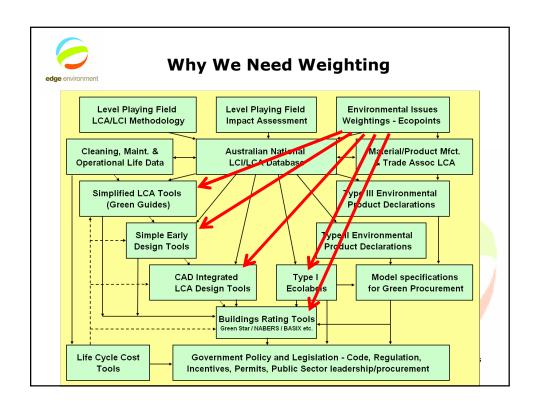


## **Statistical Validity**

- Not claiming statistical representation 217 people across 11 locations do not represent 14M
- Small samples only 26 out of 411 results showed variance beyond that expected at a 1% confidence limit









## Why we Need Weighting

- To assess and ecolabel materials and products
- To assess and rate buildings for their environmental impacts
  - Voluntary tools Green Star, NABERS...
  - Sustainability Regulation BASIX (NSW), Building Code of Australia
- To prioritise environmental policy and expenditure
- To ensure that assessments are appropriate to location (climate and local priorities)



