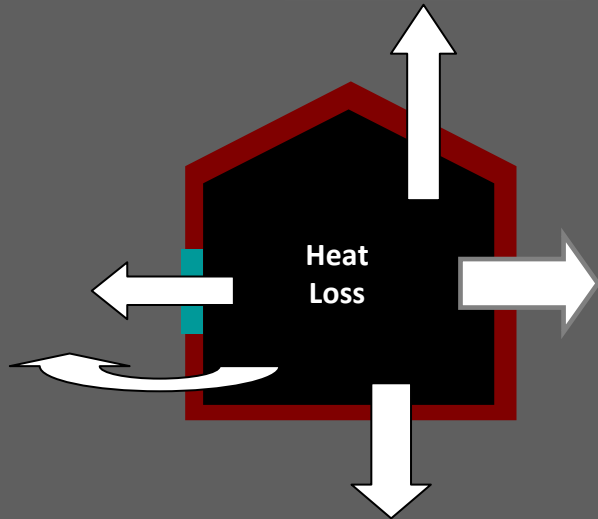


Low Carbon Built Environment

Professor Phillip Jones
Welsh School of Architecture
Cardiff University



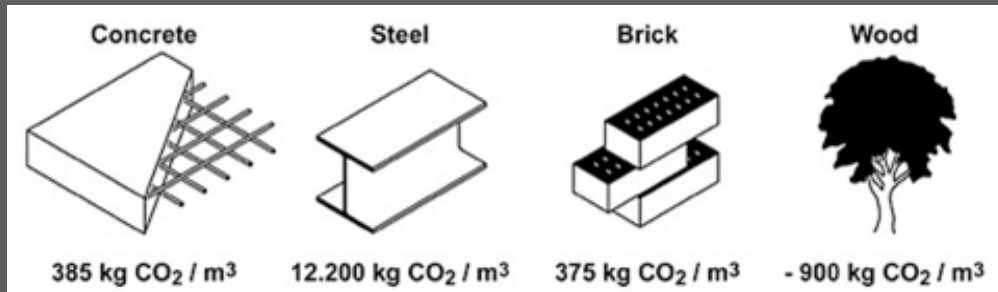
Balanced approach



Reduce operating energy

New
Existing

Reduce embodied energy



Renewable energy



Building integrated



Grid source

LCRI Built Environment Research programme



Approach:

Project based research in partnership with industry

Link energy demand reduction and low / zero carbon supply

Top down / bottom up approach

regulations

enabling organisations and communities

New thinking !

Low Carbon Research Institute



RURAL
URBAN