

Session 4

UWS CLIMATE CHANGE RESEARCH FACILITY: A CASE STUDY ON RE-LIFING

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With the increasing challenge of how Universities utilise existing building stock against a backdrop of changing trends of how staff and students use space. This paper will explore how Universities can 're-life' existing building stock in terms of learning modes, space utilisation, Environmentally Sustainable Design and improved learning outcomes.

This paper explores these key questions using the recent refurbishment of the University of Western Sydney's Climate Institute at its Hawkesbury Campus as a reference point. The Climate Change Institute is a pertinent case study for the purposes of this presentation owing to the tight deadlines, the incorporation of alternative teaching method concepts and spaces and environmental innovations that will help the University prosper in our carbon constrained future.

Though the exploration of a series of case studies, this paper will explore the following challenges;

- decision making around upgrading the Universities existing building stock
- improving the environmental performance of existing building stock
- re-lifing in a heritage context
- rethinking learning and pedagogical practices in a re-lifing context
- providing better campus connection through re-lifing
- outline of comparative savings in energy
- linking ESD and productivity with evidence
- linking ESD with improved teaching and learning outcomes

Presenters Biography:

Dino Di Paolo is the Suters Tertiary Sector Leader responsible for delivering Tertiary Sector Projects within Suters as well as being practice Manager of the Sydney Office. A highlight of Dinos career was receiving the Sulman Award for Excellence in Architecture for the Life Sciences Building at the University of Newcastle, in association with Stutchbury Pape.

As the practice design manager within Suters, **Mark Van Den** has extensive experience in strategic analysis, briefing, design and development of complex tertiary projects. Prior to joining Suters, Mark also partnered in the development of the bio-climatic performance specifications for RMIT University. This proved to be an assessment tool to provide an ESD decision matrix for the re-lifing of \$600m RMIT Universities existing building stock.