



Event:	Talk in Sydney
Date:	6 th December 2012
Location:	Institute of Architects, Sydney.
Theme:	Energy Performance in Heritage & Traditional Buildings and Sustainability
Title of Paper:	“Shared Knowledge – essential to Energy Efficiency in Heritage and Traditional Buildings”
Presenter:	Peter Cox, President of the proposed ICOMOS International Scientific Committee on Energy & Sustainability.

Summary

I describe the range and periods of buildings and the challenges that come with such a diverse typography and varying climate.

This highlights the diverse challenges that face us as professionals but leads into the methodologies that mitigate and in most cases negate these challenges.

I share the knowledge and expertise that we have in Europe from “Protection”, Evaluating heritage value, Minimising Interventions and measuring and evaluating the Impacts these interventions may have on our Built Cultural heritage.

I present a synopsis of the research that has been carried out around the World on evaluating the “Embedded Energy”, “Residual Energy” and the ways to reduce energy from our Heritage and Traditional Buildings.

The paper concludes with the understanding of the need to reduce our CO² emissions, explaining and understanding the use of energy in such buildings, examining the behaviour of occupiers, of our built heritage and traditional buildings and suggest changing concepts, education and understanding the subject and then recommending the use of Legislation and possible funding tools to effect change. Finally I open a debate or discussion on Partnering, Twinning and Sharing our Experience.