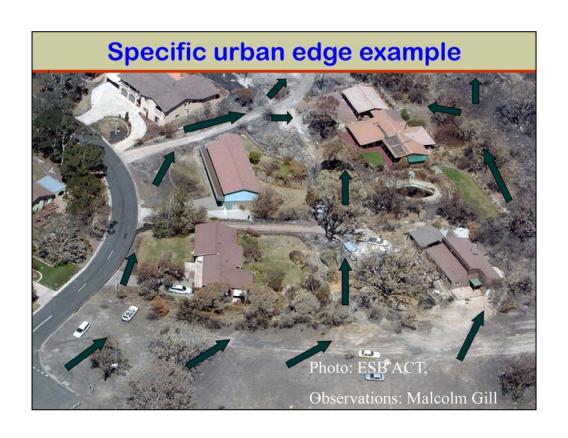


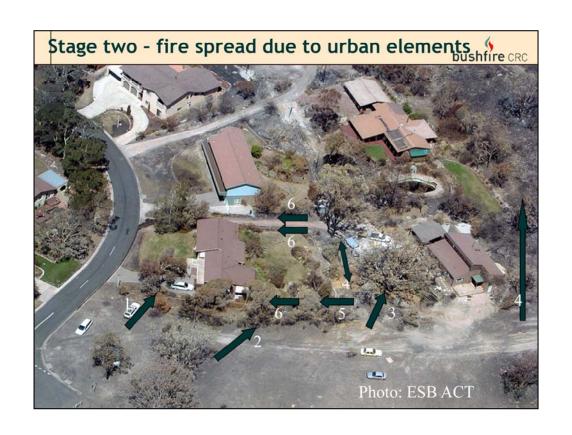
Bushfire impact on the urban interface over the past seven decades has taught us many lessons

The general principles of how bushfires impact on the urban interface are now well established

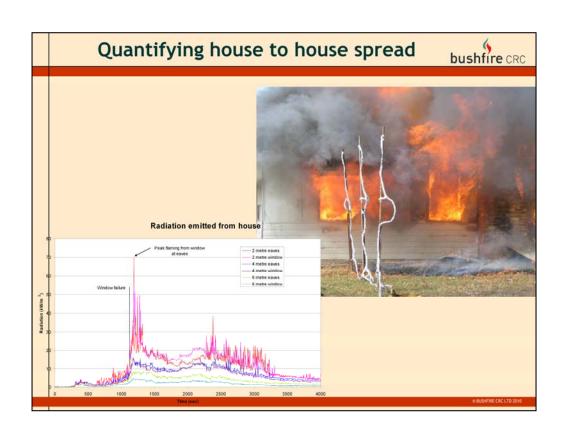
However we still lack the formal quantification of the most critical aspects of urban interface risk prediction

The recent ACT bushfires stand as a reminder that previous urban impacts events do not represent the worst case scenarios for many aspects of the fire event.

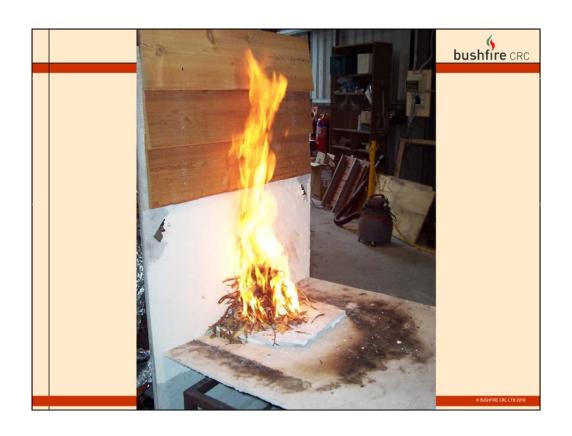


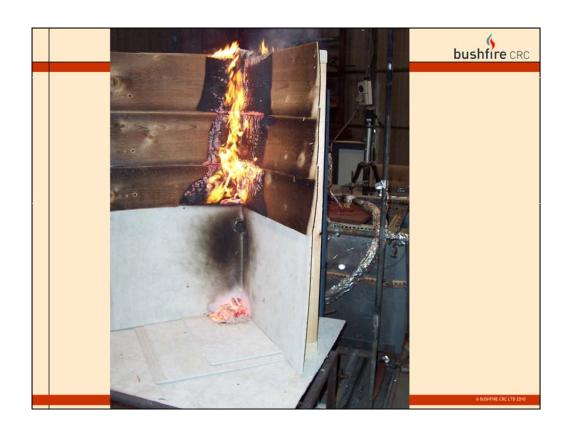






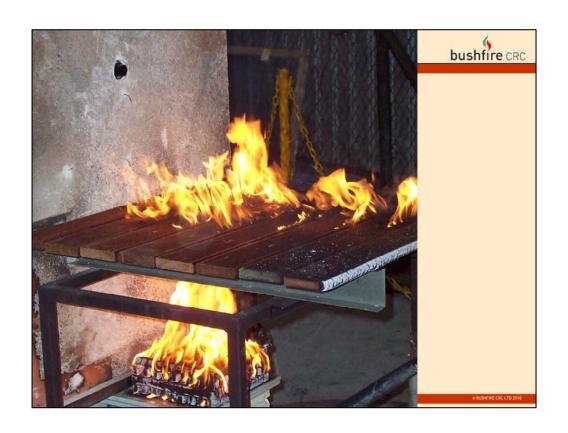








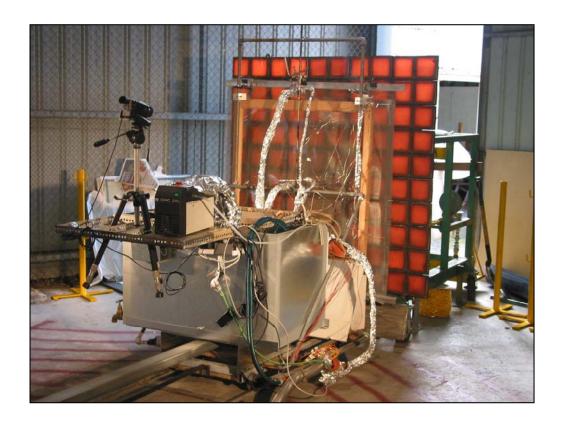








First recorded bushfire event



About the research conduct on material performance in house we have Assessed glazing system design.

Plain, toughened and laminated glass have been tested with various aluminum and timber frame. The results provide the necessary information to assist occupant to make appropriate cost effective solution (that's mean different solution of glazing for different level of bushfire exposure).

Other work in progress deal with effective timber deck design solutions to minimise ignition by embers attack. And Assessing the viability of using external water spray systems as a risk minimisation strategy for buildings

In the future we will assess the performance of roof system and study the behaviour of domestic gas bottle

