

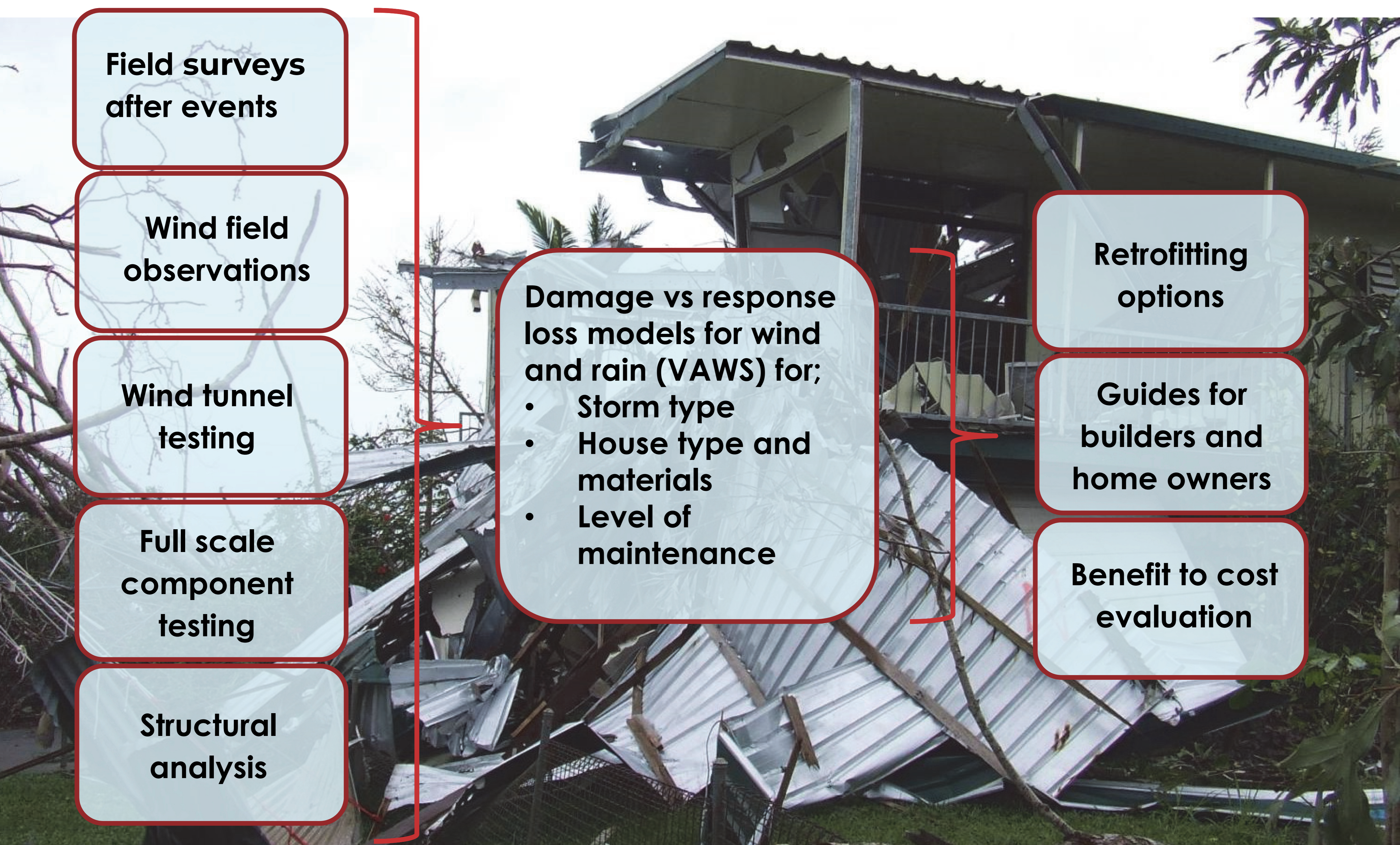
Improving the resilience of existing housing to severe wind events

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This project aims to investigate and reduce damage from windstorms by:

- a. developing vulnerability models for structural strength of housing from field and laboratory observations to allow evaluation of cost effective strategies, and
- b. producing retrofitting solutions and guides for home owners and builders.



The uptake of retrofitting and maintenance of our older (more vulnerable) homes is needed to increase community resilience and reduce response and recovery following severe wind events. Means to engage and promote retrofit investment by the home owner is needed. Incentives to encourage this action through insurance and government initiatives can be based on the economic modelling from this project.