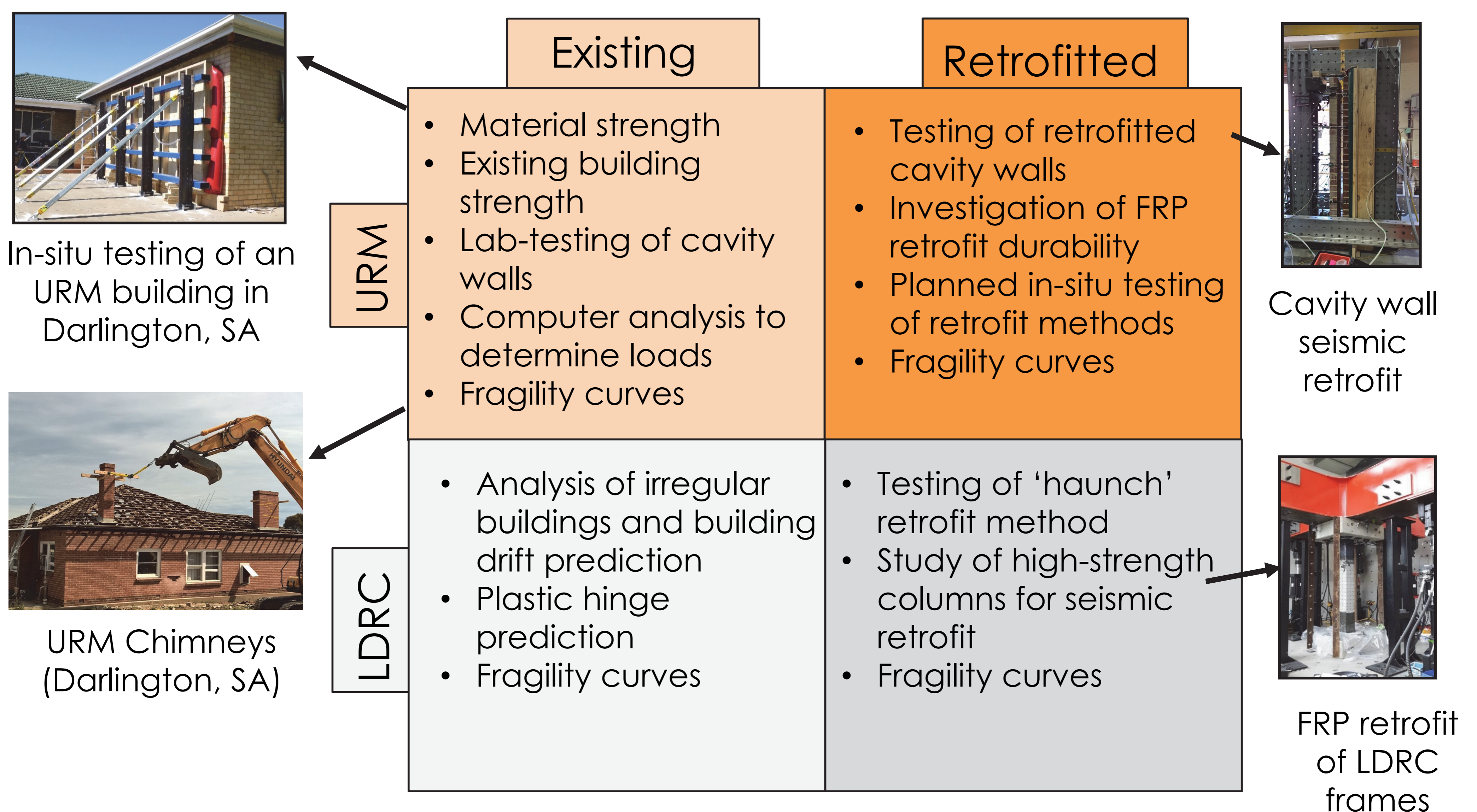


Cost-effective mitigation strategy for earthquake risk


Michael Griffith¹, Hossein Derakhshan¹

¹School of Civil, Environmental, and Mining Engineering, University of Adelaide, SA

This project will address the need for an evidence base to inform decision making on the mitigation of the risk posed by the most vulnerable Australian buildings subject to earthquakes. Simultaneous progress is being made by the 4 partner investigators to assess the vulnerability of two classes of existing buildings.



End User projects

- York (WA) town precinct study
 - End user meetings (WA DFES and York Council)
 - Community engagement program (flyers, news articles, public sessions)
 - Survey of the building stock
 - Survey of business activity
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- Anglican Church, York

Geoscience Australia

- Building damage study from Universities of Adelaide, Melbourne, and Swinburne input to GA for vulnerability assessment
- Vulnerability curves; direct and indirect cost of building damage
- Cost/benefit analysis (retrofitted vs. existing) at precinct scale; Melbourne CBD