3a – Building user views of repaired buildings

- User views
  - Expectations of functionality will depend on the views of the different user of the buildings – e.g. homeowners, government departments, business owners, tenant perceptions of uninterrupted access

- Research objectives
  - Better understand the perceptions of building users and owners of repaired buildings
  - What is driving these perceptions?
  - What can be done to build trust in the performance of buildings repaired after strong earthquakes?

- Outcomes
  - Develop a minimum set of functionality requirements for different building types that all users can have the same set of expectations
  - Review building systems to identify different levels of functionality for each system
  - Develop communication/education methods about building performance expectations for building users (tenants, owners, customers)

- Data collection methods
  - Interviews/focus groups

4b -Expectation of restoration timeframes

- Research objectives:
  - To identify achievable and acceptable timeframes for function restoration: *reoccupancy – functional recovery – full recovery*
    - Define achievable timeframe (best case scenario)
    - Define acceptable timeframe – not all buildings and building components are needed immediately post-event (stakeholder acceptance – linked to 3a)
  - To optimise the achievable timeframe for function restoration
    - Investigate the key elements in the process
    - Explore the information feedback loops
    - Develop a digital platform to facilitate knowledge and information sharing
- Research methods
  - Lessons learnt from Christchurch rebuild
    - Information flowchart/Bottle necks/New technologies
  - Wellington case studies (e.g. BNZ building, Bowen House)
  - Information mapping
- Focus on new buildings and/or retrofits