



# Regulating for Resilience: The Wellington Case Study (Phase 2)

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#### Purpose

This paper presents the preliminary conclusions of the Phase 2 of Wellington Case Study project (Regulating For Resilience in an Earthquake Vulnerable City) being undertaken by the Disaster Law Research Group at the University of Canterbury Law School.

The key aim is to assess (in broad terms) how effective the current regime will be in developing economic and social seismic resilience (as well as life safety) in Wellington.

### **Abstract**

The project utilises the Wellington CBD building database, developed by QuakeCoRE, to assess the effectiveness of the current legal regime on the short, medium and long term seismic resilience of Wellington's CBD (particularly multi-storey buildings).

## Methodology

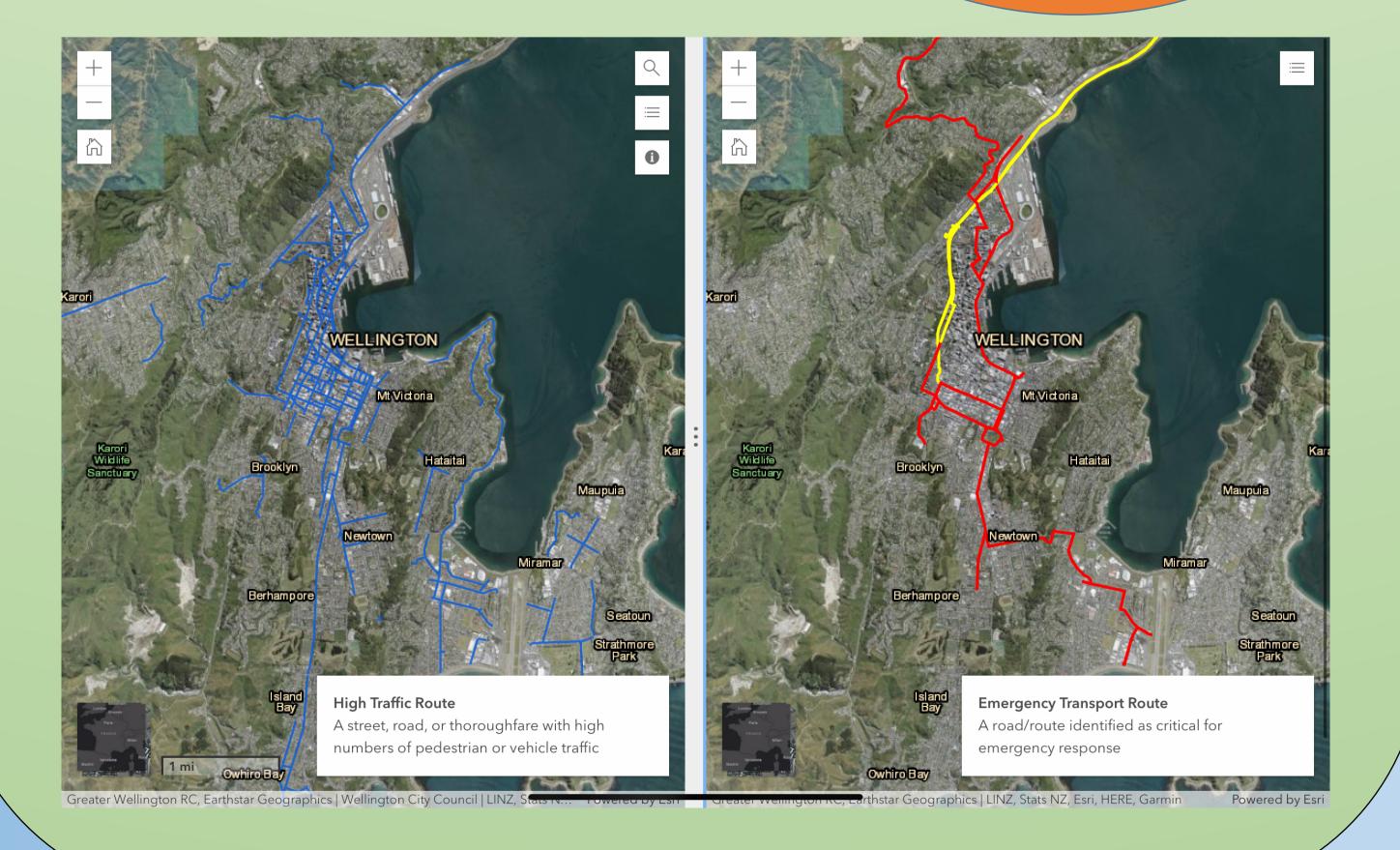
1.
Map the current EQP
labelled buildings (or those profiled as such) on the building database to understand the immediate

impact of the current system.

An assessment of buildings that are likely to be reviewed as to their seismic resilience. (e.g. Council buildings, buildings where change of use is likely, buildings in the process of redevelopment).

An assessment of buildings that may have issues around seismic resilience but which will fall outside the current EQP building regime and are unlikely to be assessed.

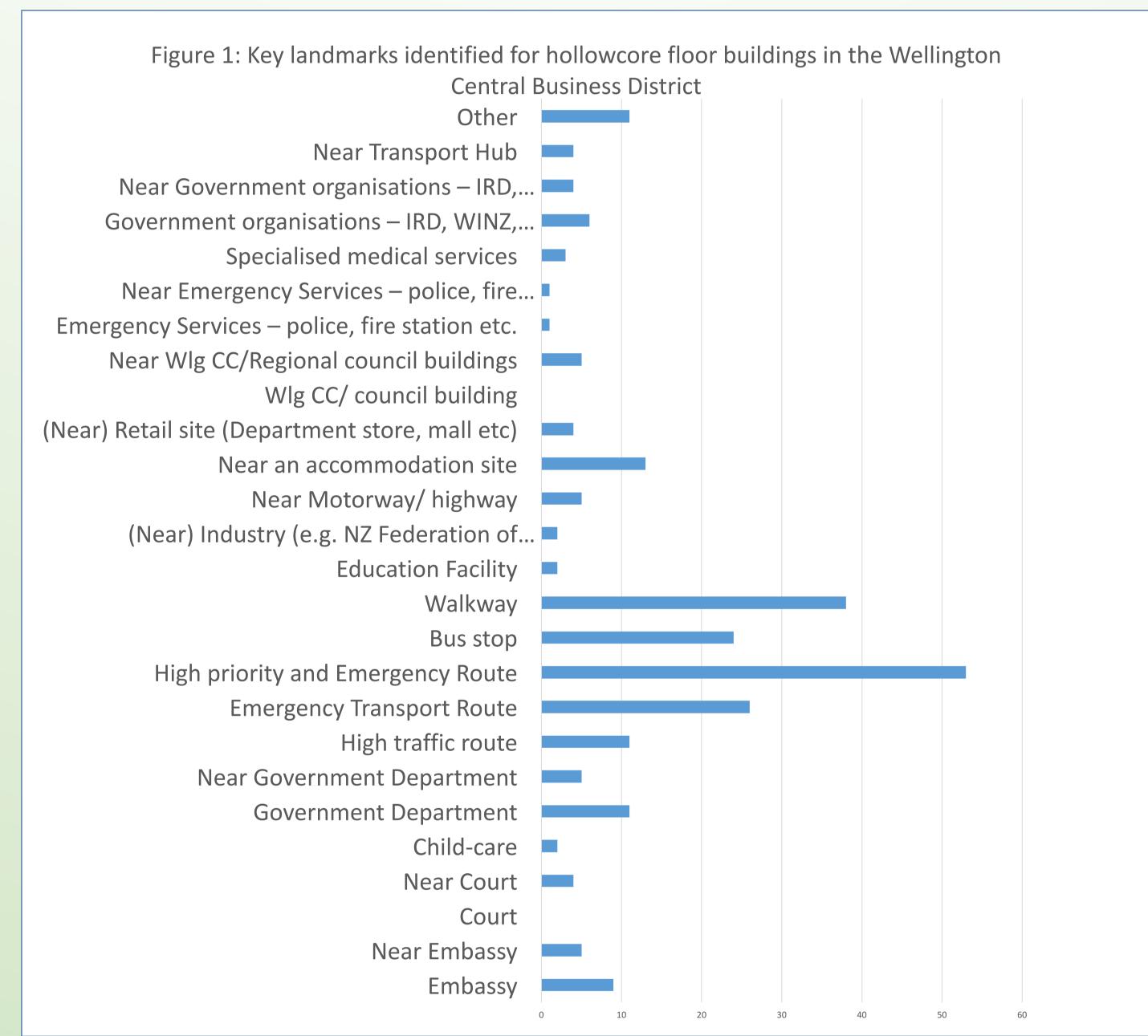
An assessment of the uses and impacts of these buildings in the various categories (i.e. economic impact of failure, priority buildings, etc).

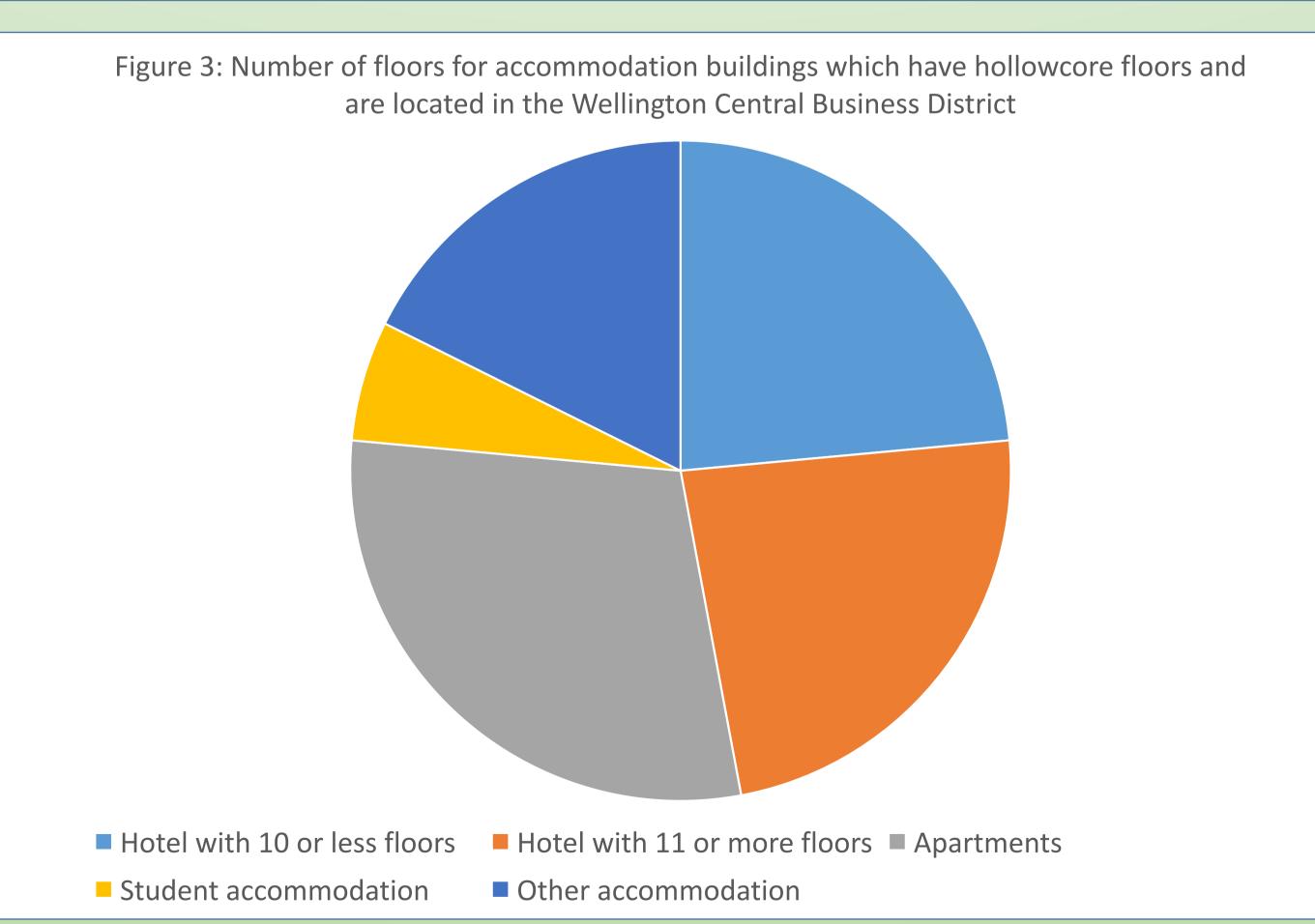


## **Outputs**

Buildings identified as having hollowcore floors in the Wellington Central Business District have been analysed to assess what impact these buildings could have if they incurred earthquake damage. The potential impact has been assessed for the buildings themselves, and the surrounding infrastructure.

Surrounding infrastructure includes the presence of government departments, government organisations, transport hubs, high priority and emergency routes and accommodation sites.





#### **Project Contacts**

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