

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

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Purpose

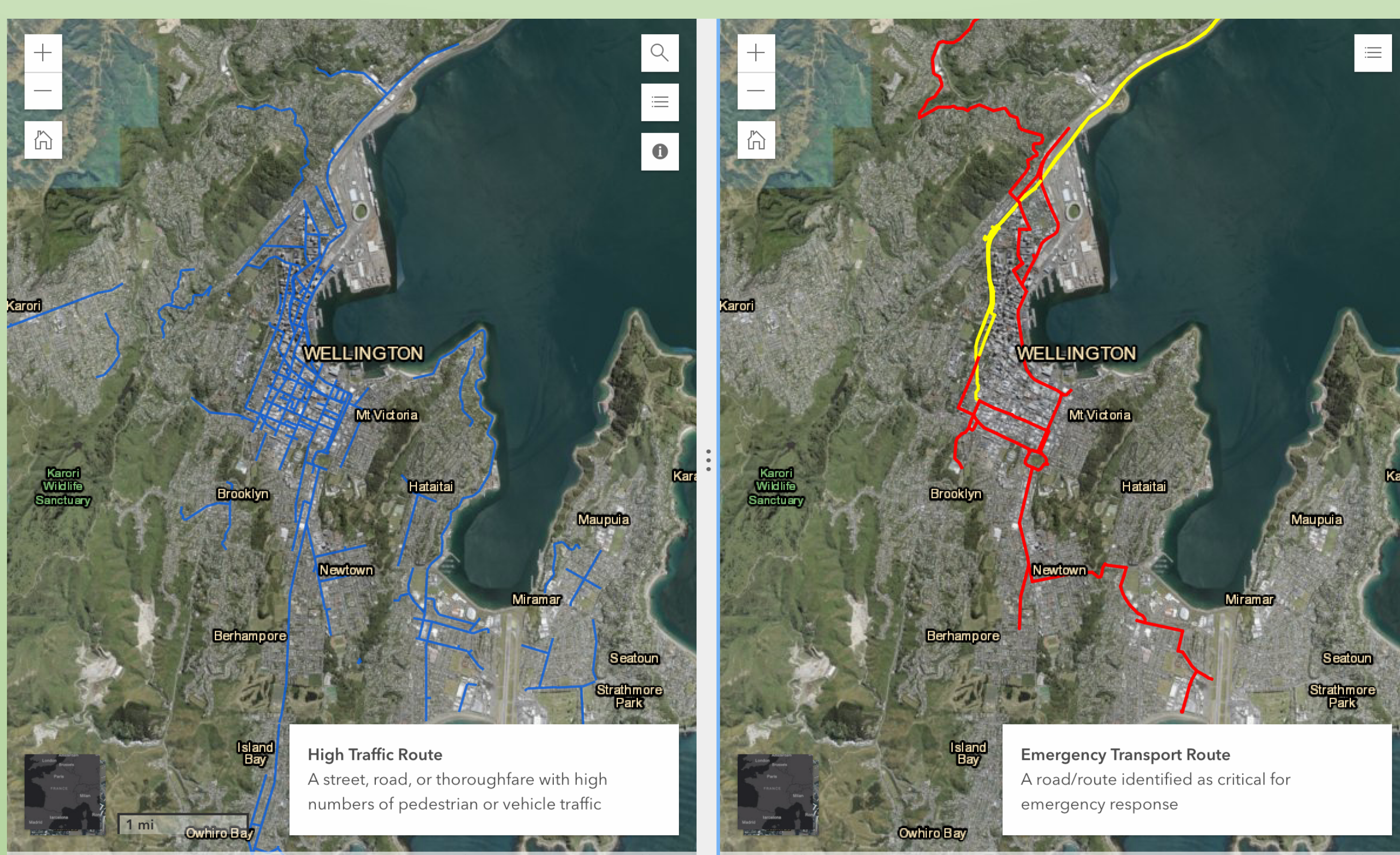
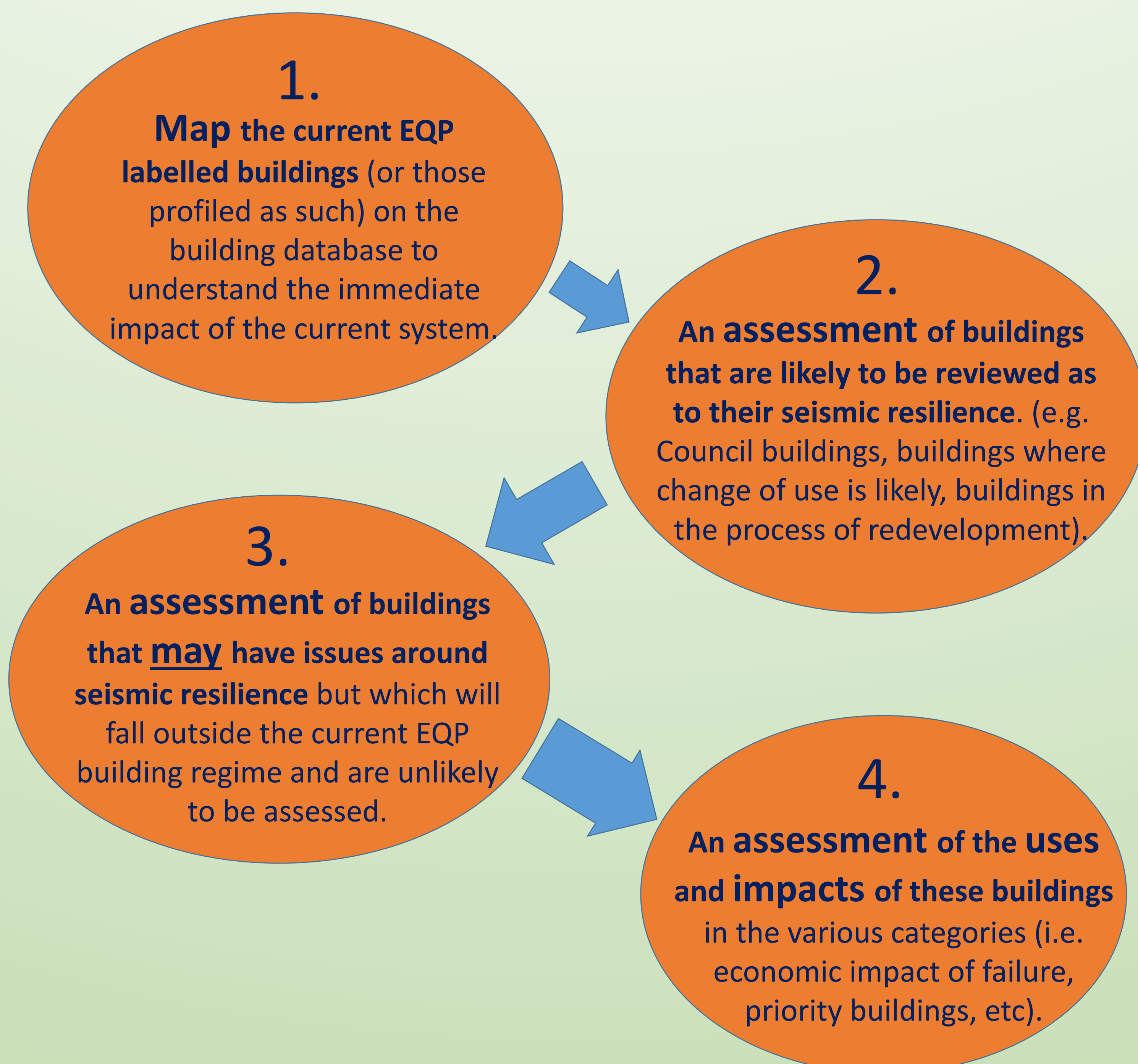
This paper presents the preliminary conclusions of the Phase 2 of Wellington Case Study project (Regulating For Resilience in an Earthquake Vulnerable City) being undertaken by the Disaster Law Research Group at the University of Canterbury Law School.

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



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.

Figure 1: Key landmarks identified for hollowcore floor buildings in the Wellington Central Business District

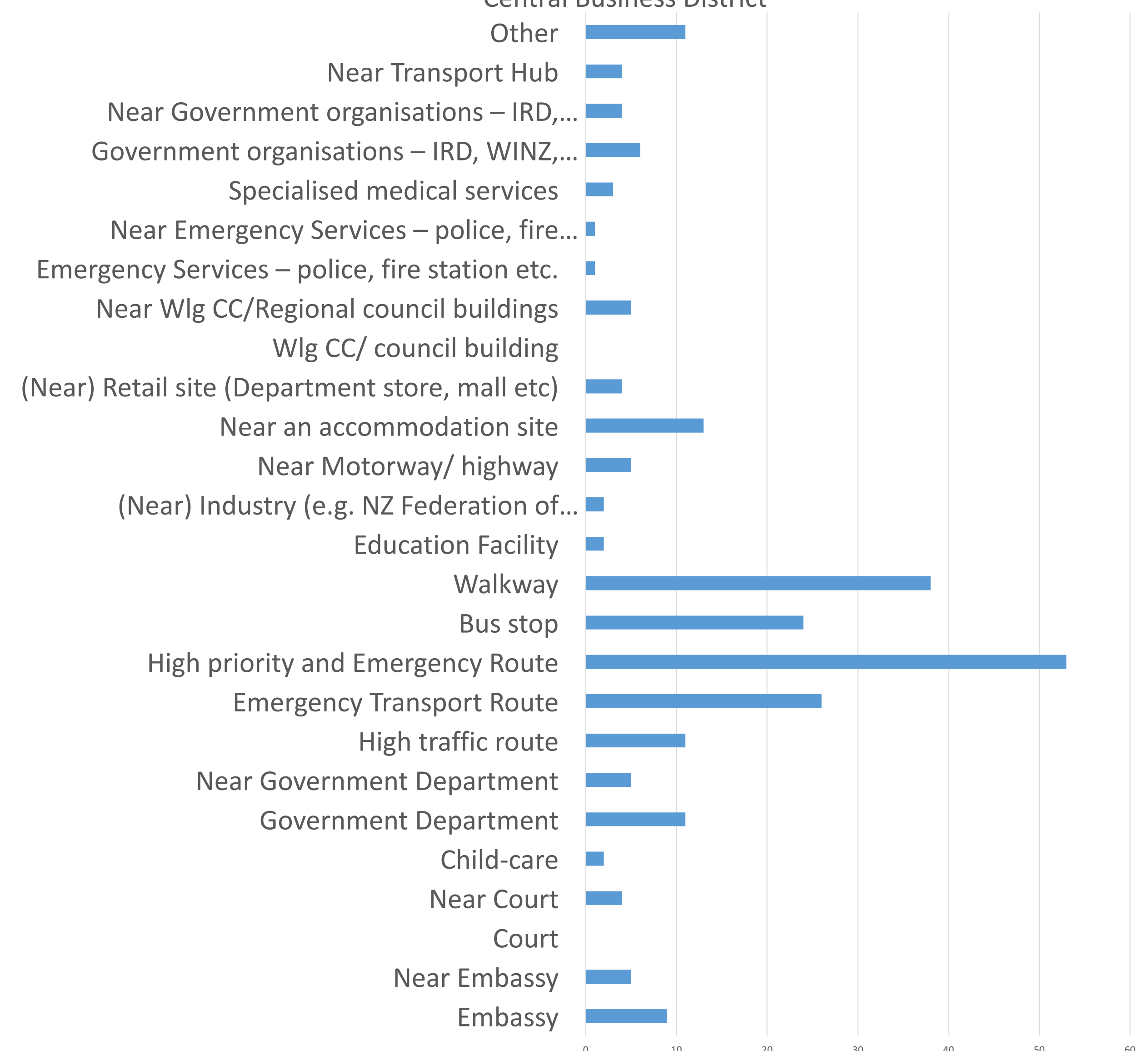
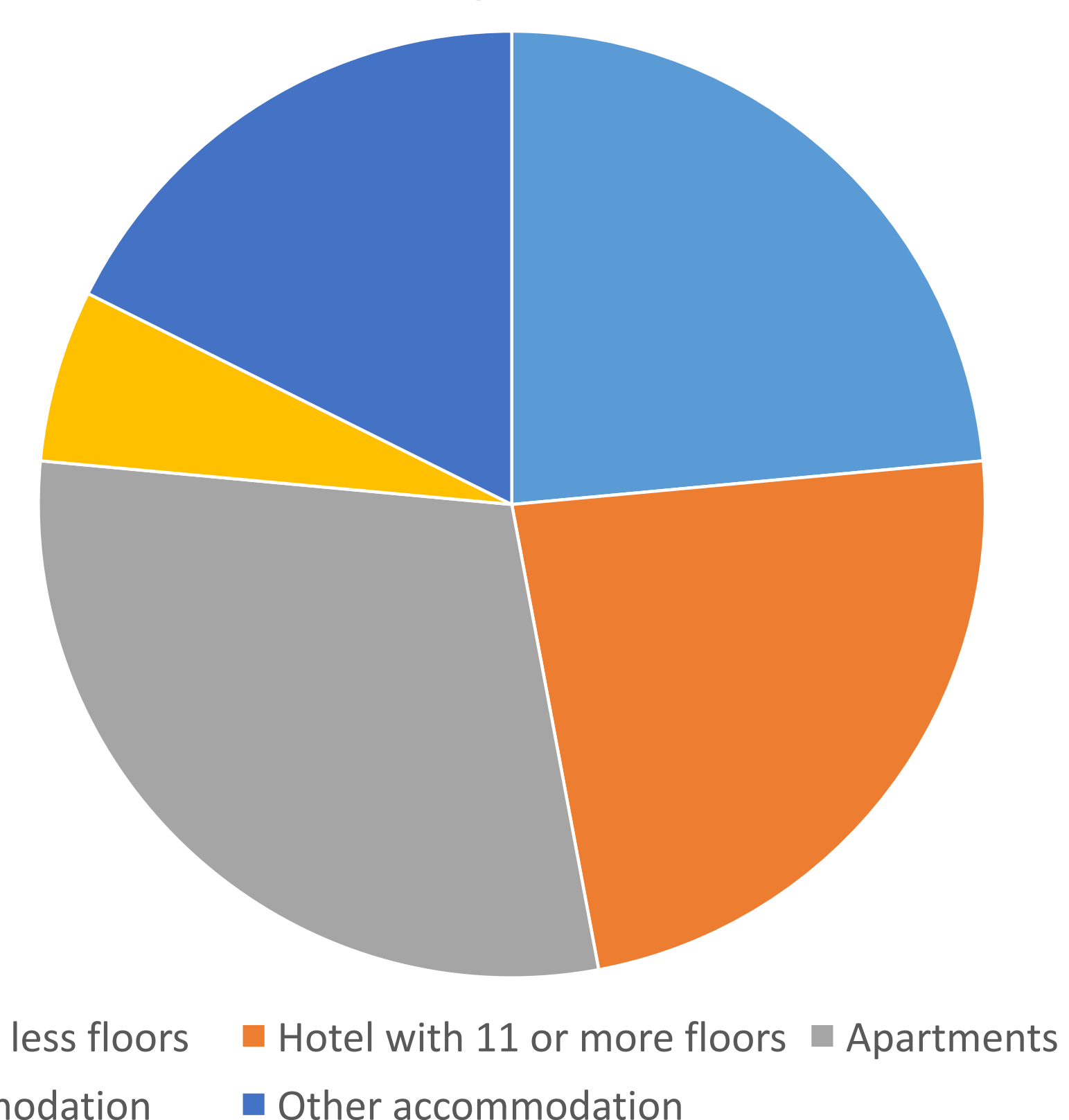


Figure 3: Number of floors for accommodation buildings which have hollowcore floors and are located in the Wellington Central Business District



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