

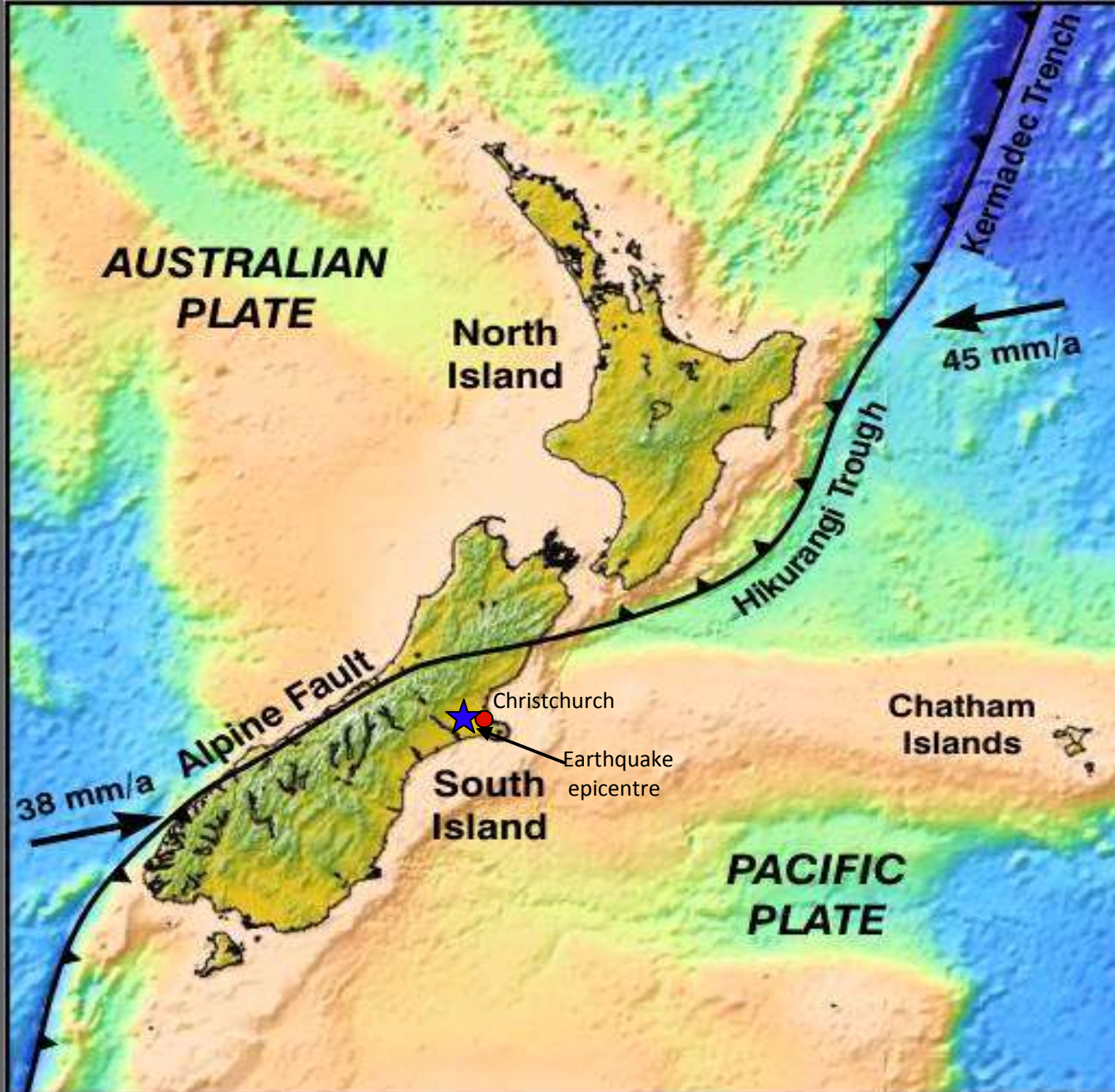
The Natural Hazards Research Platform

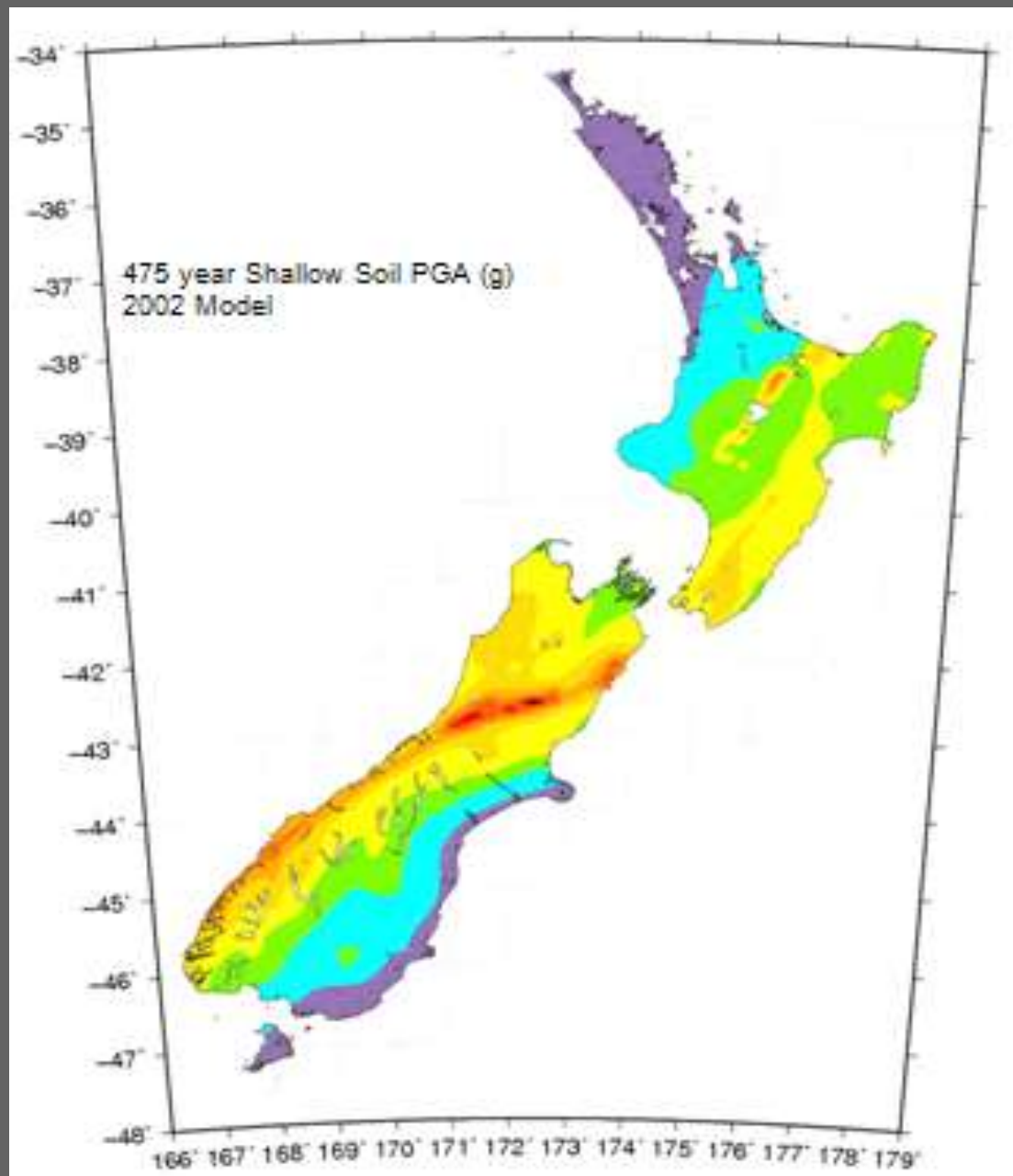
Overview of first 4 years: 2009-2013

and the road ahead

David Johnston





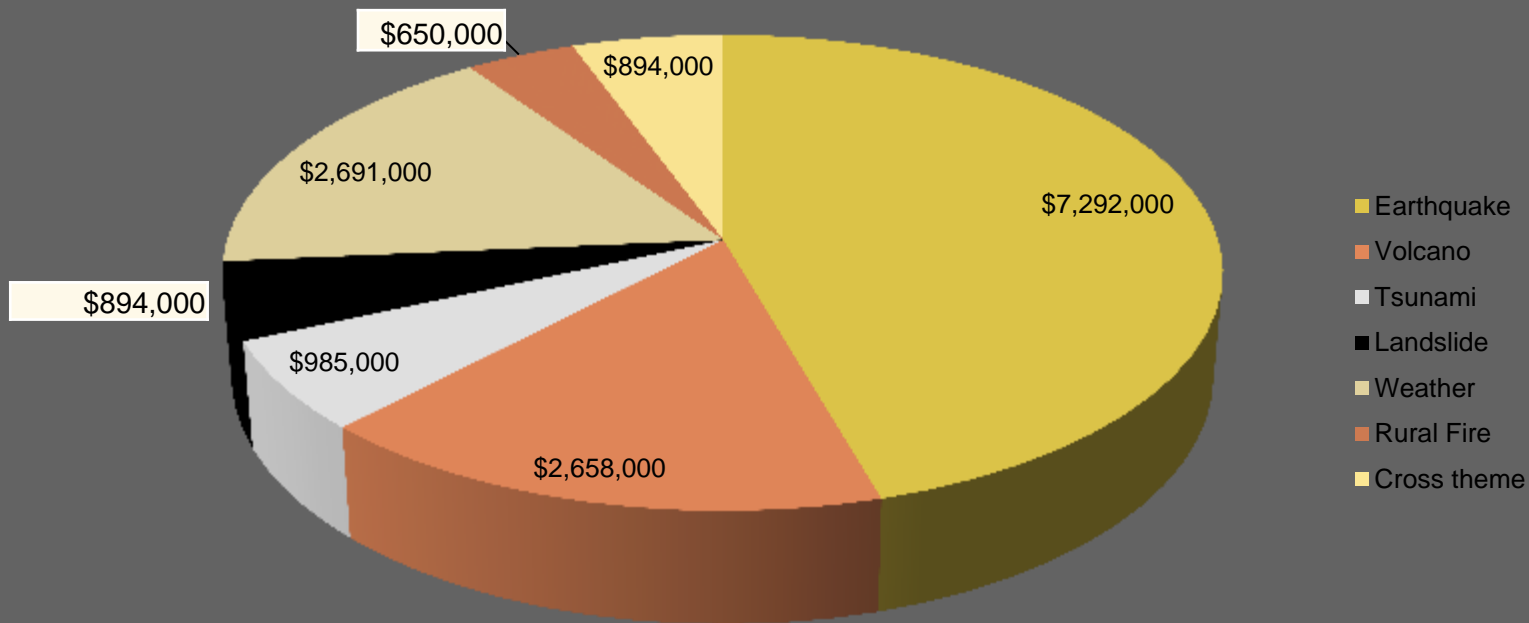


The Natural Hazards Research Platform

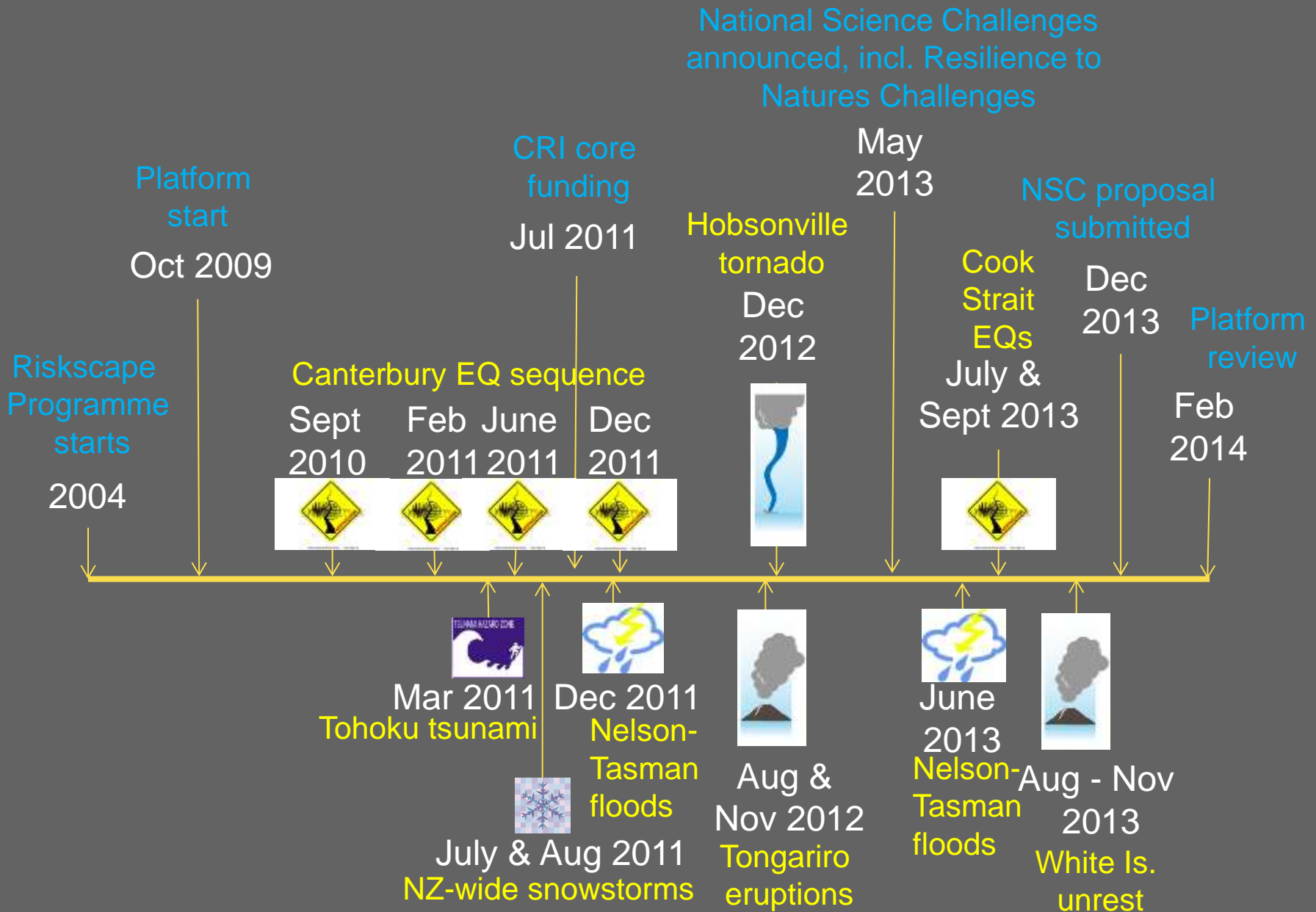
A reminder:

- Established Oct 2009 to provide a stable, long-term research environment
- Moving from a competitive to a collaborative environment
- Obligation to provide science advice in the national interest
- Emphasis on a partnering approach between members
- Technical people not directly involved in the science empowered to make allocation decisions (Platform Management Group)

Natural Hazards Research Platform – Research Themes & Funding (2013)



Platform Events Timeline



How we link themes with the Hazard and Risk continuum



Theme 1
Geological
Hazards
Models

Theme 2
Predicting
Weather, Flood
& Coastal
Hazards

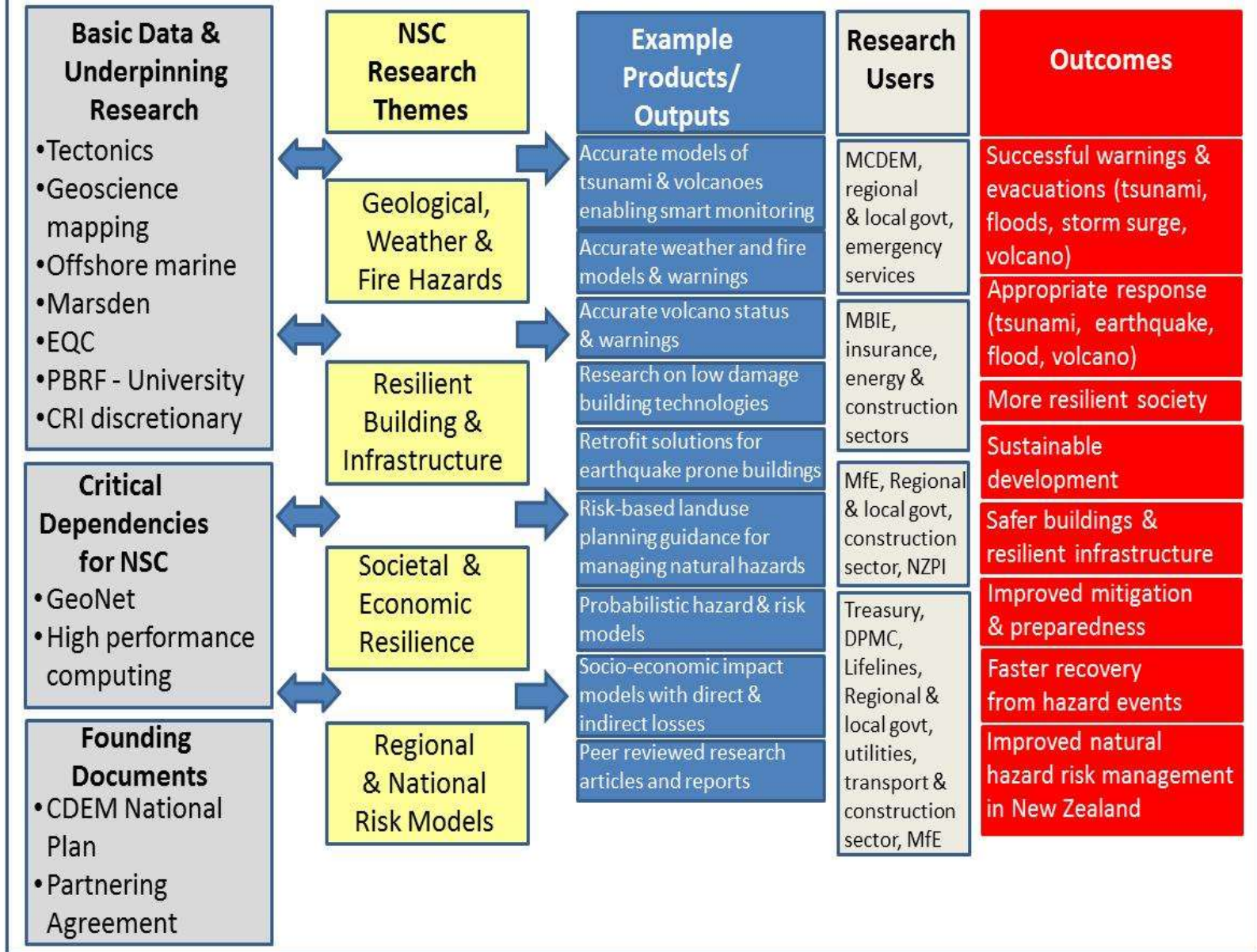
Theme 3
Fire in the
Landscape

Theme 4
Resilient
Buildings and
Infrastructure

Theme 5 Developing Regional and National Risk Evaluation Models

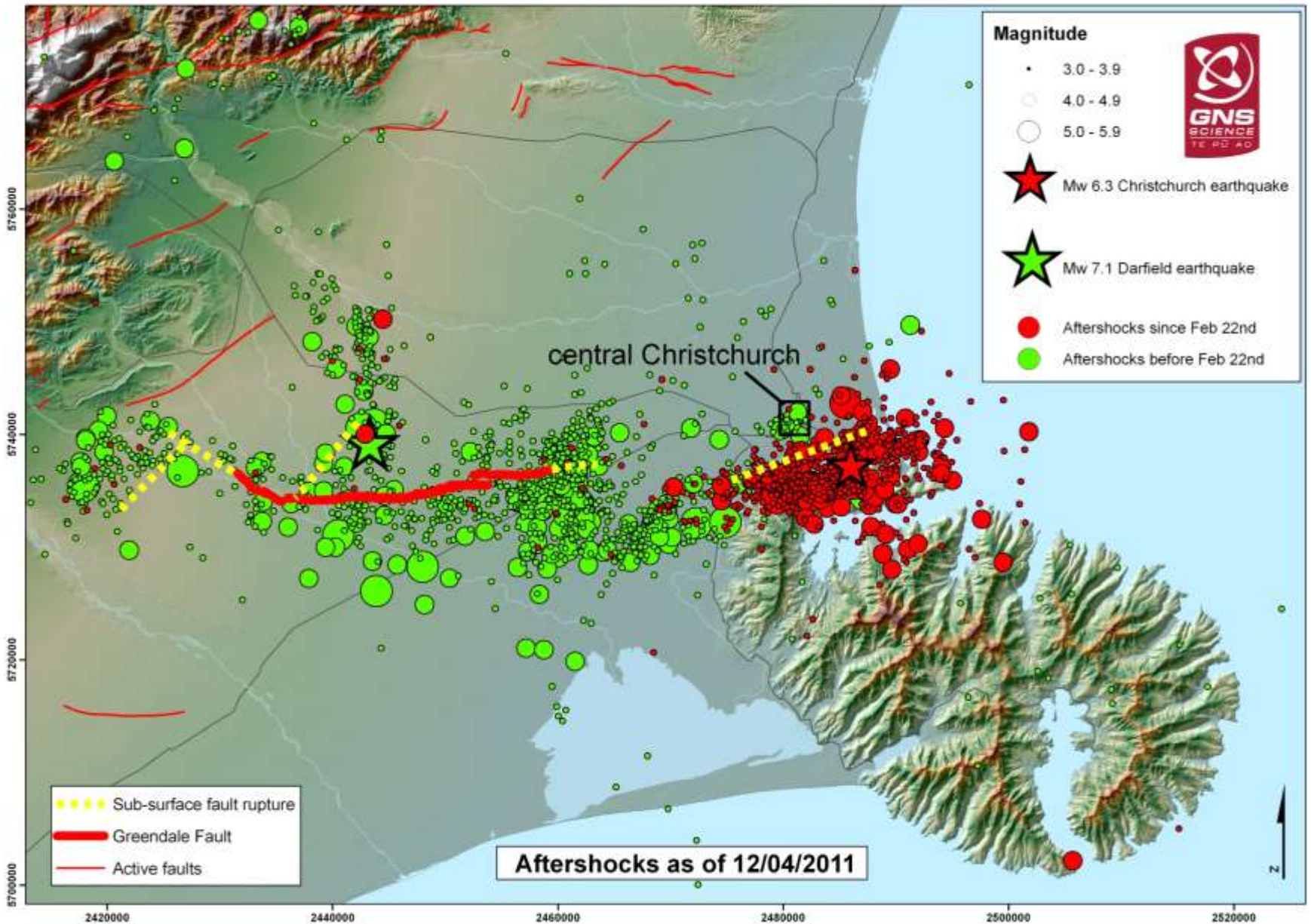
Theme 6 Societal Resilience: Social, Cultural, Economic & Planning Factors

From Natural Hazard Research to Risk Management – the Science Challenge Value Chain



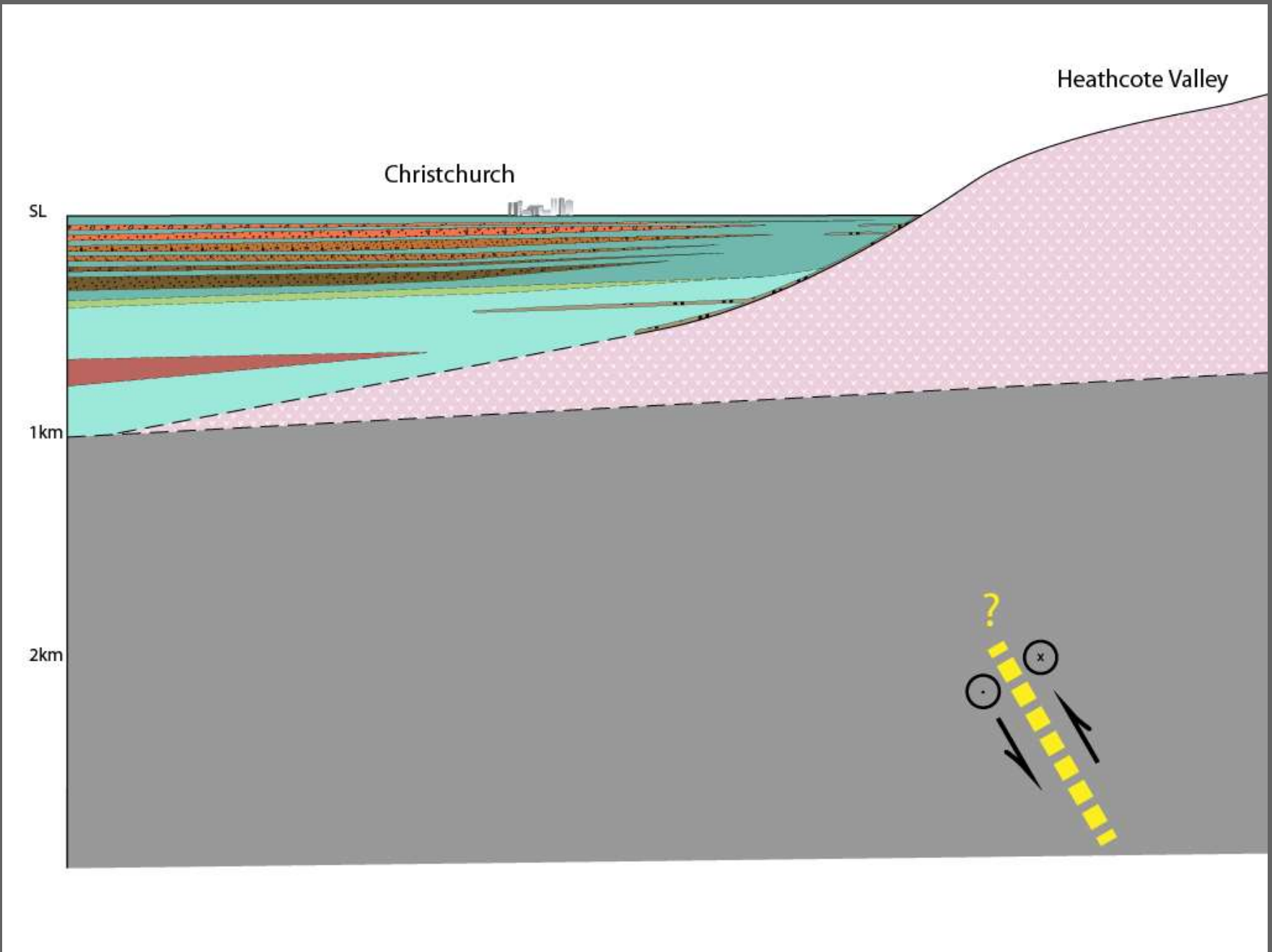
What Would Success Look Like?

- Reduced exposure to significant hazard risk
- Delivery of appropriate tools and information to end users in a timely fashion
- Relevant research in the national interest
- Maintaining science excellence and publishing appropriately
- Working cohesively across disciplines and across institutions
- Building capacity and capability in the national interest



A tale of two earthquakes – the Canterbury sequence of 2010-2011





The earthquakes & their impacts: 22 Feb 2011



CTV Building





Social and psychosocial impacts

