



**Construction
Clients' Group**
CONSTRUCTING EXCELLENCE



The National Construction Industry Key Performance Indicators (2013 Data)

CCG – Wellington – 22nd Oct. 14

Tim Warren

What are they?

- ▶ New Zealand Construction Industry's suite of Industry Performance Measures
- ▶ The first step in the 20/20 Journey

It is

- ▶ Effective Delivery

But...

- ▶ Weighing the Pig doesn't.....



A bit of History...

▶ 1998 UK KPIs

▶ 2004 NZ adopts and adapts



Where are we now?

- ▶ Third suite since 2006,
- ▶ Vertical Vs Horizontal Suite,
- ▶ Broader data set,
- ▶ Overseas comparators back in.

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The Results – The Wallcharts...

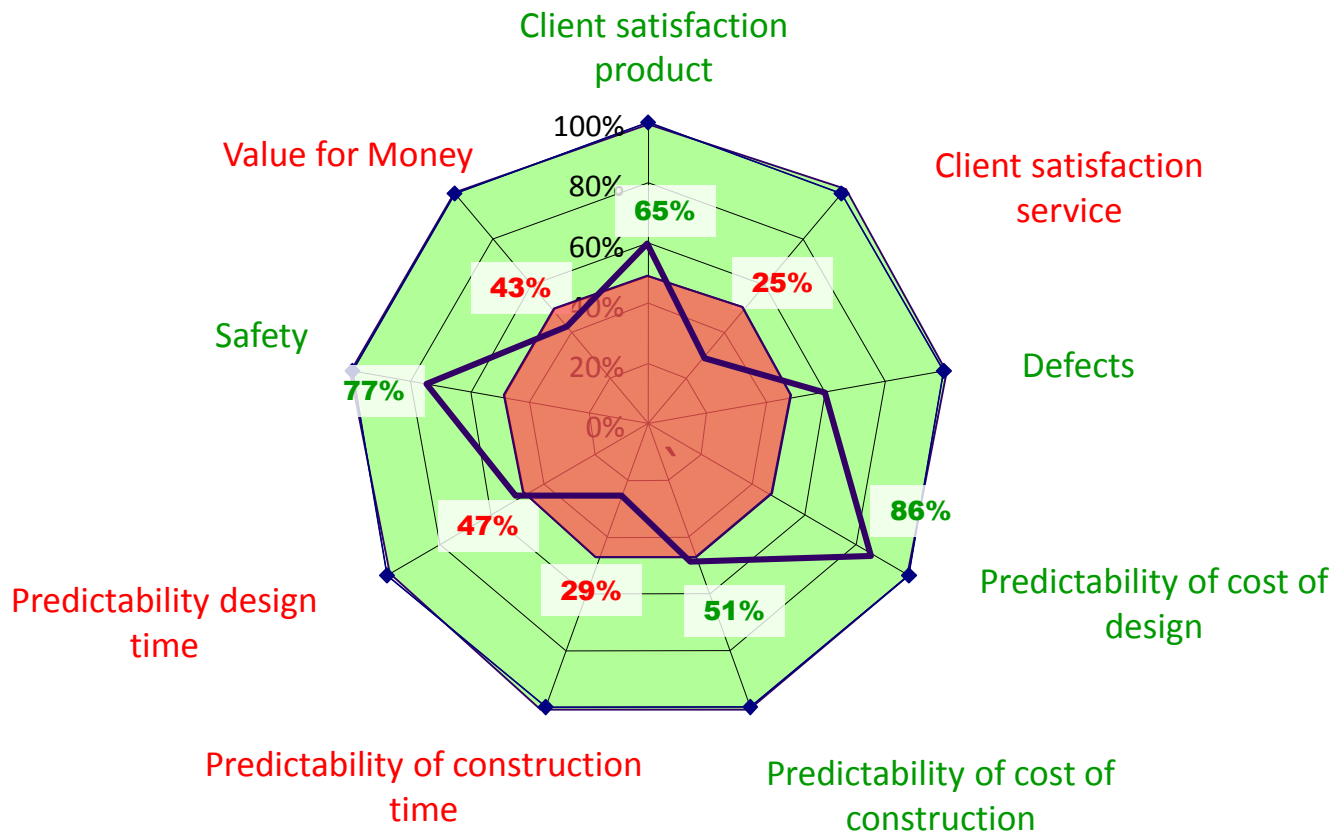


Equal or Worse



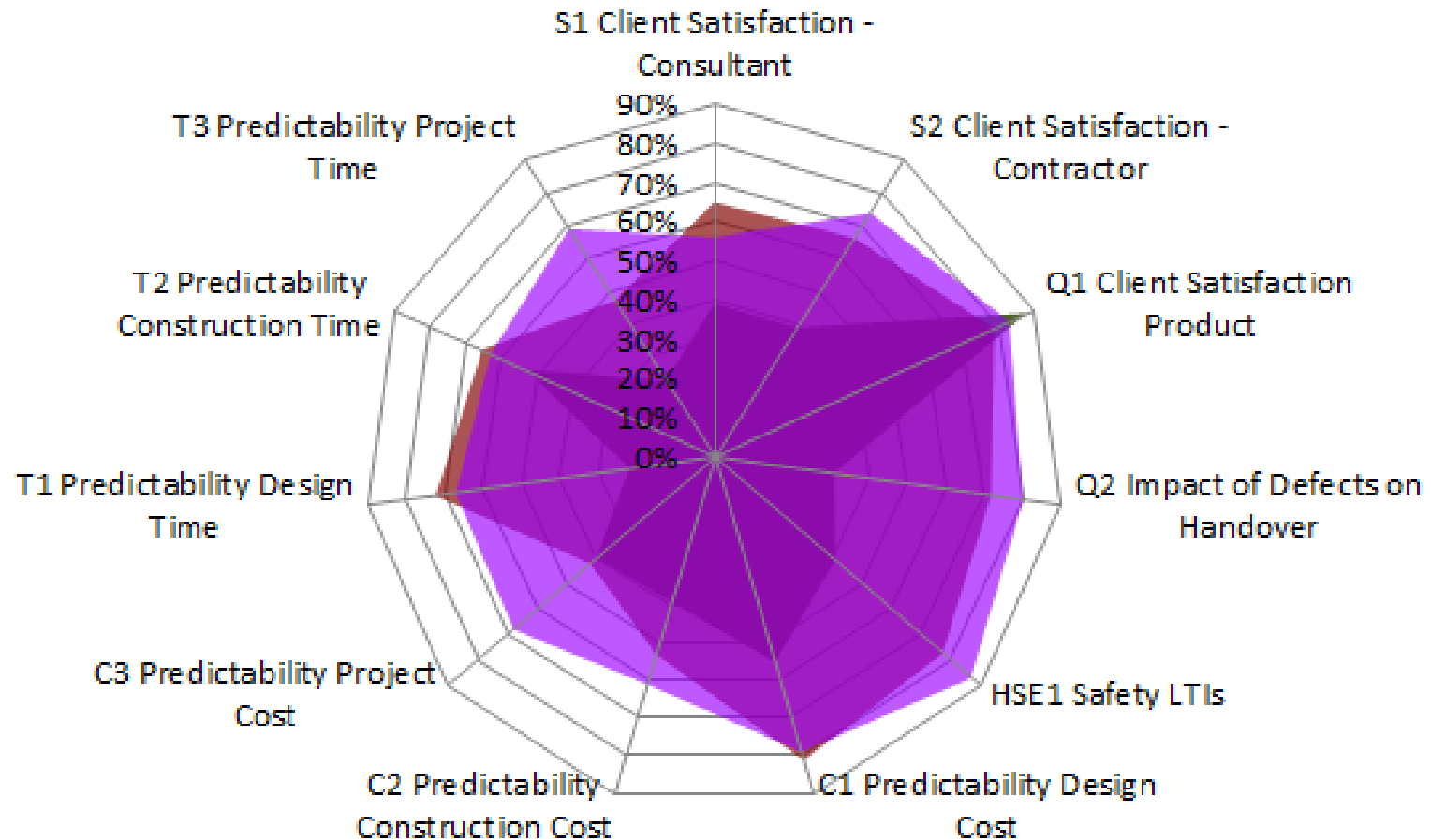
The Results – Spidergraphs...

Example Project Spidergraph



NZ Industry Results – 2006, 2011, 2012

% Projects Scoring...



■ NZ Score 2006 ■ CCG Score 2011 Data ■ CCG Score 2012 Data

Our hypothesis

- ▶ During periods where the turnover of the construction industry is low (“famine”), productivity increases, waste decreases.
 - ▶ **The KPI scores are higher.**
- ▶ During periods where the turnover of the construction industry is high (“feast”), productivity decreases, waste increases.
 - ▶ **The KPIs scores get lower.**

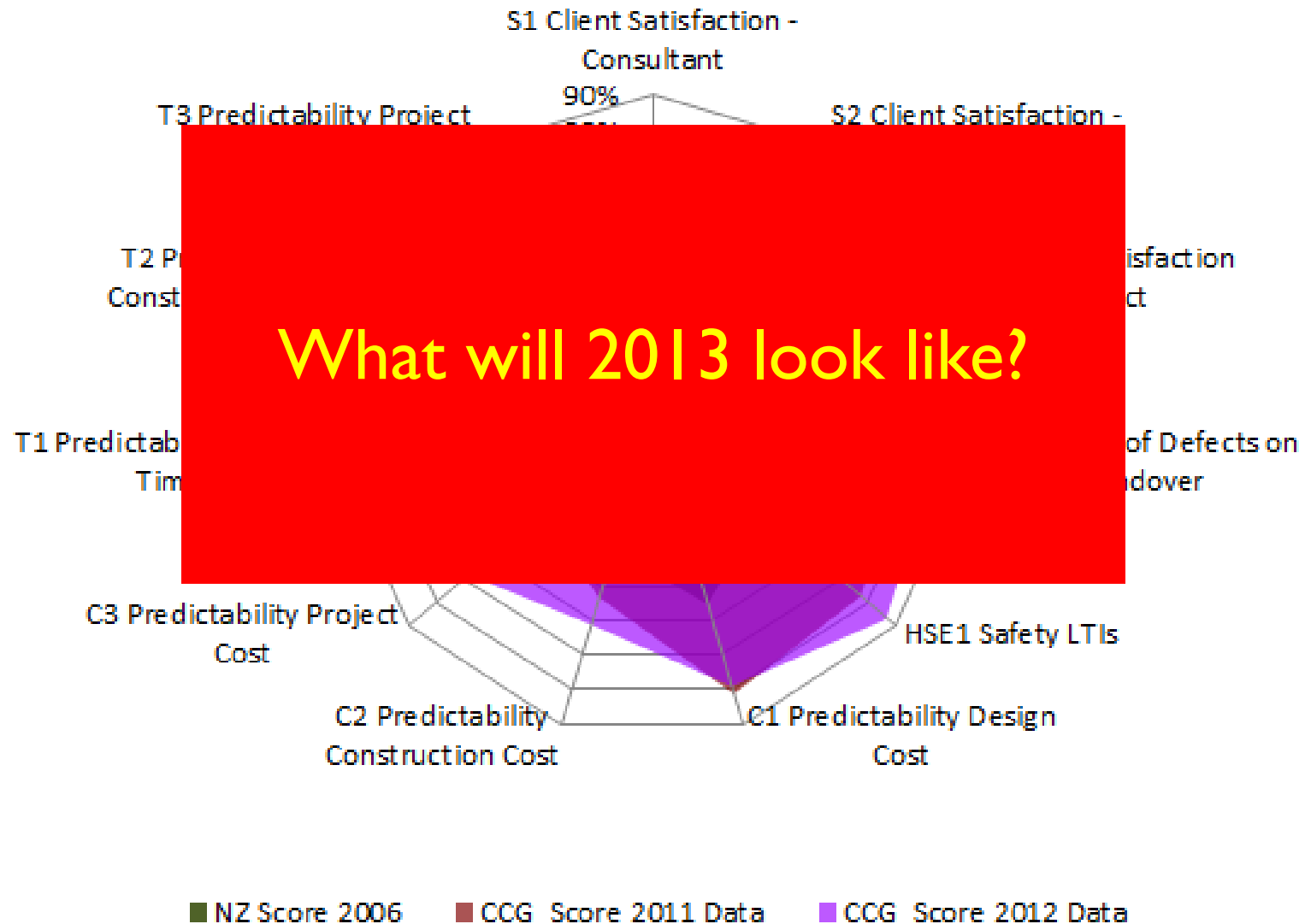
Ref: The Effects of Boom Bust on National Construction Industry Performance,’

By Warren Parke and Amanda Warren

- ▶ **So please help us test this hypothesis by providing data for 2013 projects.**

NZ Industry Results – 2006, 2011, 2012

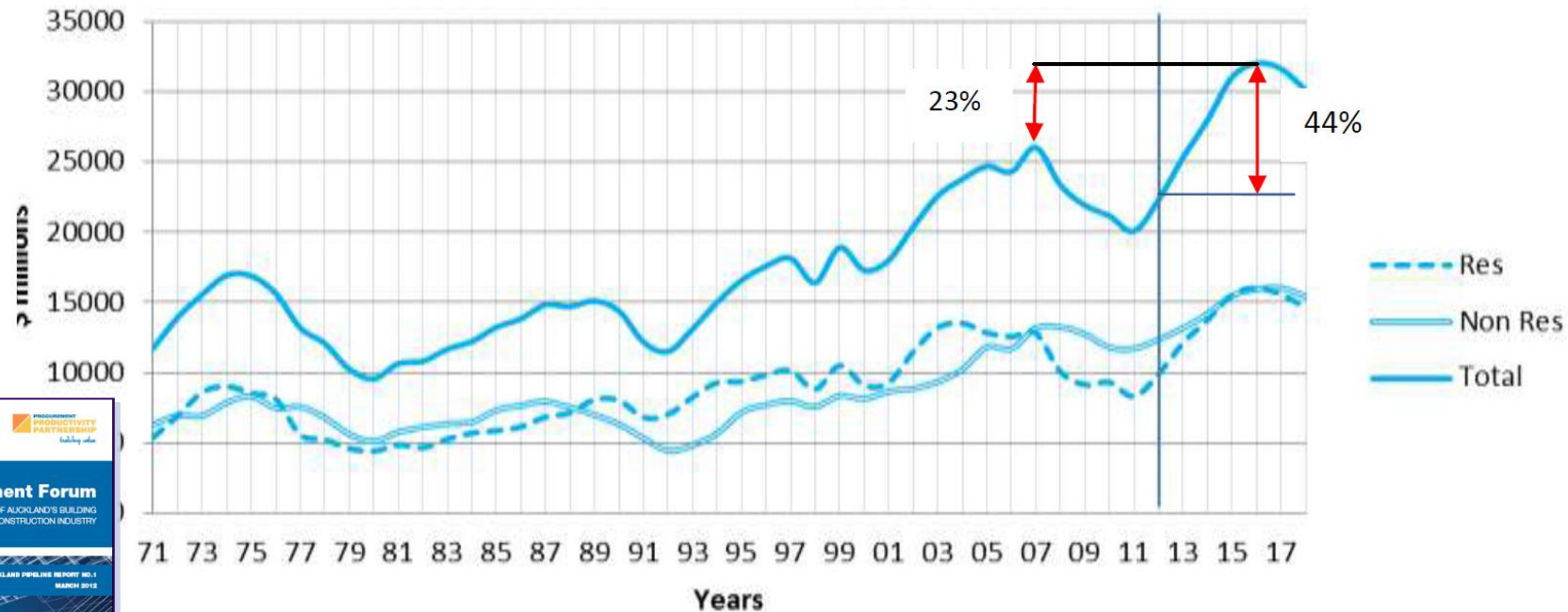
% Projects Scoring...



The Big Picture – Looking Forward

The Wall of Work

Figure 2.1 Value of building and construction historic and forecast

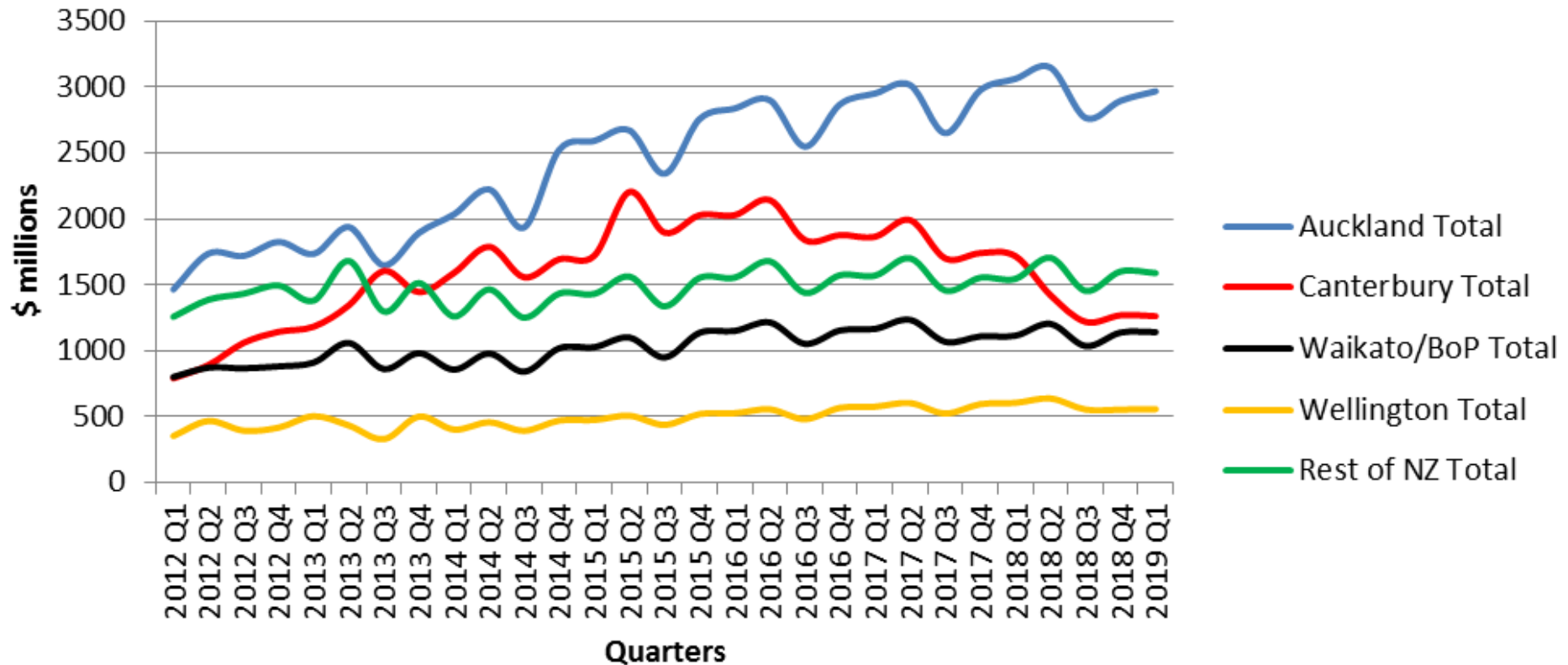


Source: Pacifecon / BRANZ



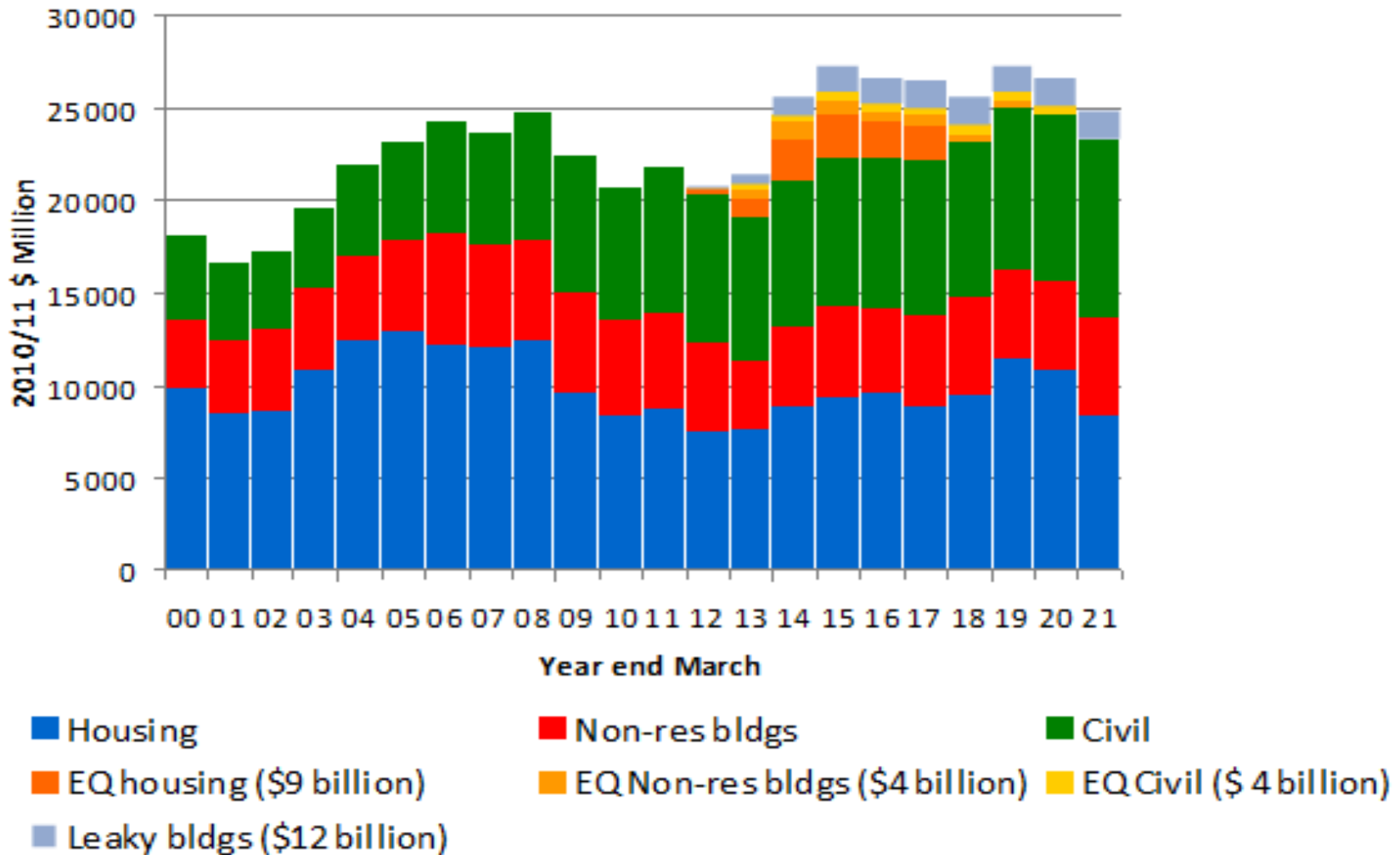
The Big Picture – Looking Forward

Regional forecasts



The wall of work is coming

Construction industry workloads



What next?

- ▶ Full Report published mid December 2014
- ▶ Sponsors personalised Benchmark December 2014
- ▶ Gathering your 2013 project data by end **October 2014**

- ▶ Lets all get measuring but...
- ▶ Let's FATTEN THAT PIG – Together!!!



Ways we help the industry to improve



Construction Clients' Group
Akl, Well, ChCh

Pathfinder Project Programme



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Managerial Excellence in
Engineering & Construction
(Lvl 6)

NZIM Diploma in
Project
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