SCIRT Rebuilding Infrastructure

LEARNING LEGACY

Lessons learned from one of New Zealand's most challenging civil engineering projects: rebuilding the earthquake damaged pipes, roads, bridges and retaining walls in the city of Christchurch 2011 - 2016.

February 2014 Board Presentation - SCIRT Support to Civil Trades Training

Story: Developing a Civil Trade Certification

Theme: People and Culture

A presentation for the SCIRT Board which outlines the process that SCIRT's Training Team intended to take towards assisting with developing a civil trade qualification.

This document has been provided as an example of a tool that might be useful for other organisations undertaking complex disaster recovery or infrastructure rebuild programmes.

For more information about this document, visit www.scirtlearninglegacy.org.nz

Programme funded by
Christchurch City Council
New Zealand Government

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SCIRT SUPPORT TO CIVIL TRADES TRAINING

SCIRT Board 12th February 2014

SCIRT
Rebuilding Infrastructure

New Zealand Inc.

Unprecedented growth in building and construction for the next five years.

Peak at $32 Billion- 23% higher than 2007.

National Construction Pipeline

“The question for industry is how are we going to meet that demand without compromising quality?”

Productivity Partnership

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Christchurch City Council

CERA Canterbury Earthquake Recovery Authority

NZ Transport Agency Waka Kotahi

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Background to Civil Trade

- Trade Certification Establishment Board TCEB.

- Roading NZ, Contractors Federation & IITO.

- Paving and Surfacing Pilot.

- Certification set at: Four years experience, referees & NZ Infrastructure Works Certificate Level 4.

- Proposed rollout late 2014.

SCIRT Rebuilding Infrastructure

Current state of industry training

Industry focus on compliance.

Infrastructure Training Organisation or Infrastructure Assessing Organisation?

Multiple versions of the same resource- no ‘shared industry view.’

What has SCIRT done so far?

InfraTrain New Zealand

SCIRT and InfraTrain collaboration on National Certificate in Infrastructure works Level Two (Road Construction Labourer)

Broken Concrete Saw $2,449.50

or

SCIRT Tutor On Job Training

- 6 hours $198
- NZQA Unit Standard $40

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Window of Opportunity

- Board Intention to leave a SCIRT Legacy of a Civil Trade – June 2013.

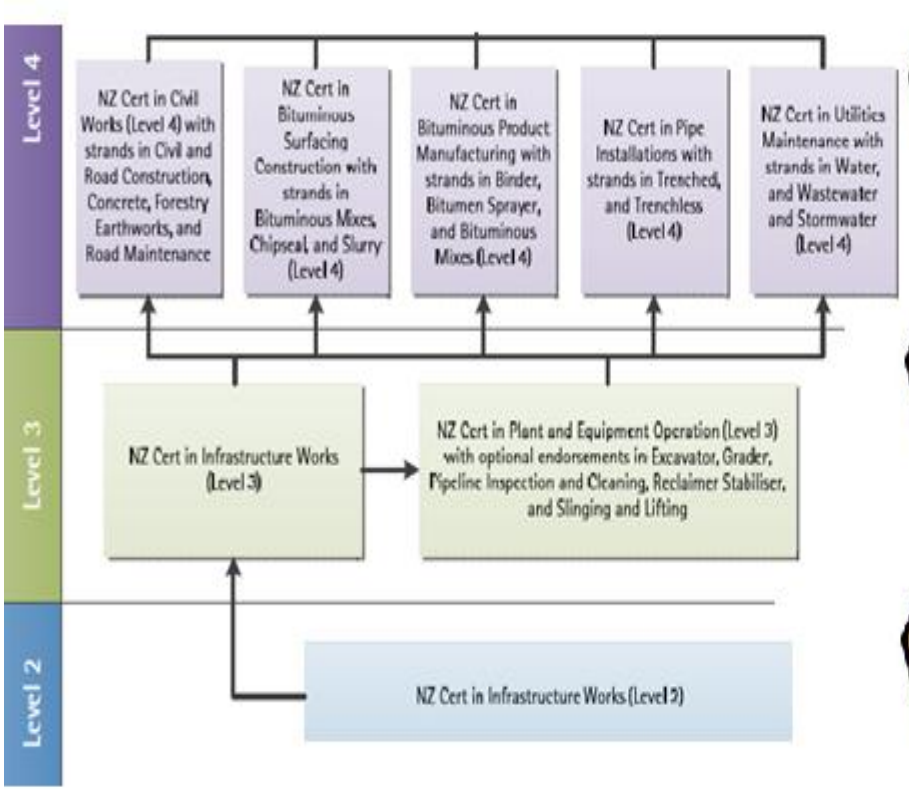
- Trade Certification Establishment Board Set up.

- Need to train to retain staff and meet growth projections.

- New Infrastructure Industry Training Organisation CEO.

- SCIRT Proving ground and way forward already underway.
(SCIRT Training Forum, IW2, MOU and TOR)

What we are aiming for



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What we need to do

- Orient IITO towards Training Resources rather than workbook assessments.

- Ramp up and resource SCIRT / IITO partnership.

- Have 10 SCIRT Team members Trade Certified on rollout (recognition of current competency).

- Have a Further 10 SCIRT team members assisted to Level Four and Trade Certification by June 2015.

SCIRT leaves a legacy of industry shared view training resources.

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Recommendation

- Endorse the SCIRT approach to supporting the Trades Certification Training.

- Nominate two SCIRT Board members to participate in the SCIRT Trades Training Working Group.

- Nominate a SCIRT Board member to be included in the TCEB.

- Assist in the alignment of the IITO and Central Government to invest in a shared industry view of training resources for the Trade.