Defence Estate & Infrastructure

Sustainability

'an interactive session highlighting Defence Estate and Infrastructure's sustainability journey so far'

Dr Lee Bint – Sustainability Framework Manager

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Released under the Official Information Act 1982

At a glance

31,000 hectares

405km roads

15 medical facilities

3,500 buildings

98km footpaths

15 libraries

19 hangars

376km fencing

13 gyms

1,900+ houses

314km electrical cable

9 swimming pools

7,513 barrack beds (including training area barracks)

188km potable water pipes

3 marae

5 paved runways

Total value
$4.7 billion

Annual Operating Budget
Approx $125 million

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What are your organisations' learnings:

- key success factors for sustainability?
- where on the journey are you?
- how mature is the industry?
- how can collective impact support greater / sustainable outcomes?

… at the end of the session!

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Vision for

Defence Estate and Infrastructure

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“a fit-for-purpose and sustainable estate that enables the delivery of Defence outputs”

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Project charter for sustainability

- Natural environment and natural resources
- Business activities (DEI) and fiscal resources
- Social environment
- Cultural environment

- February 2018

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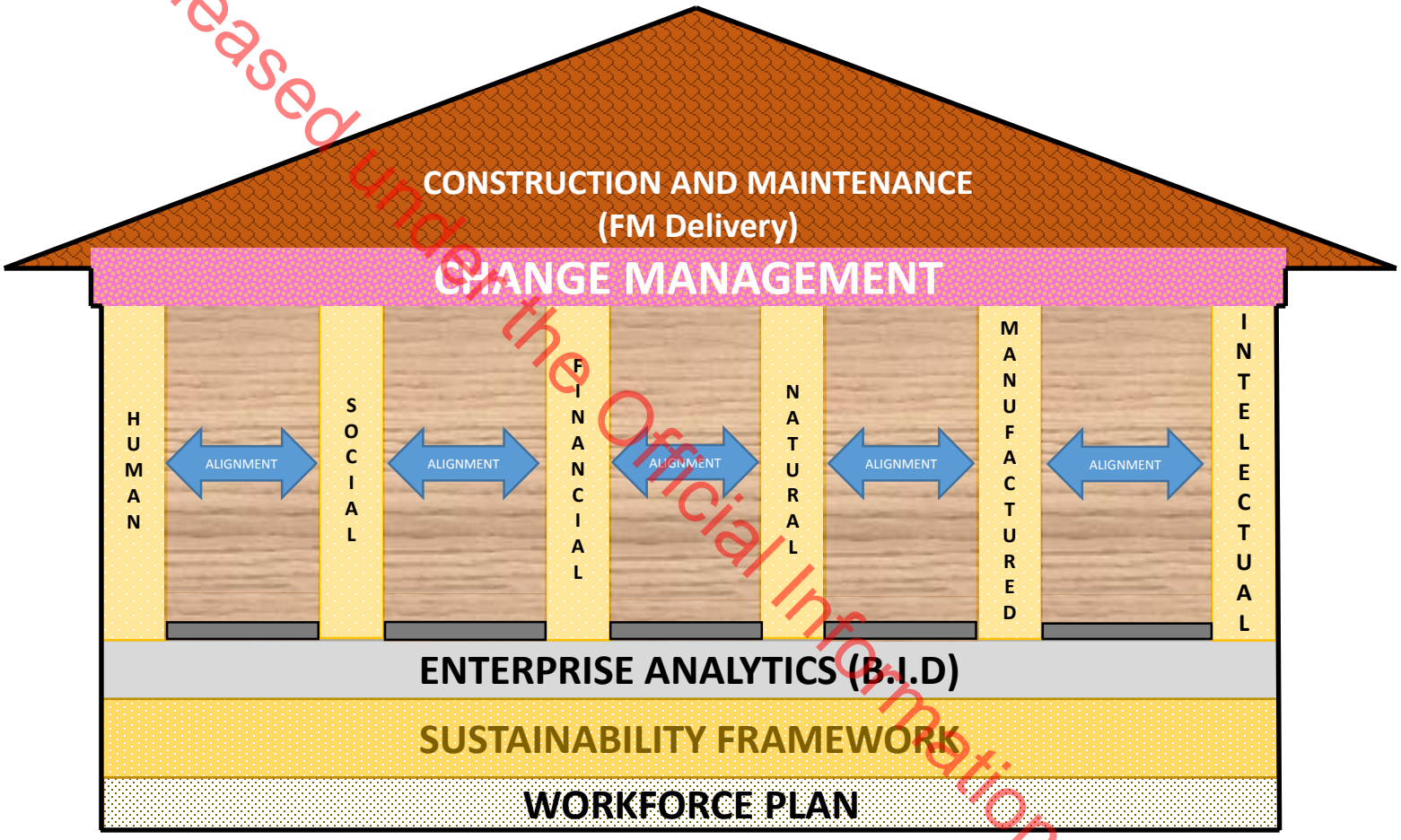

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KAYAK

(where we came fr

WAKA

(ideal state)

SOSSI - Whangaparoa

Community involvement

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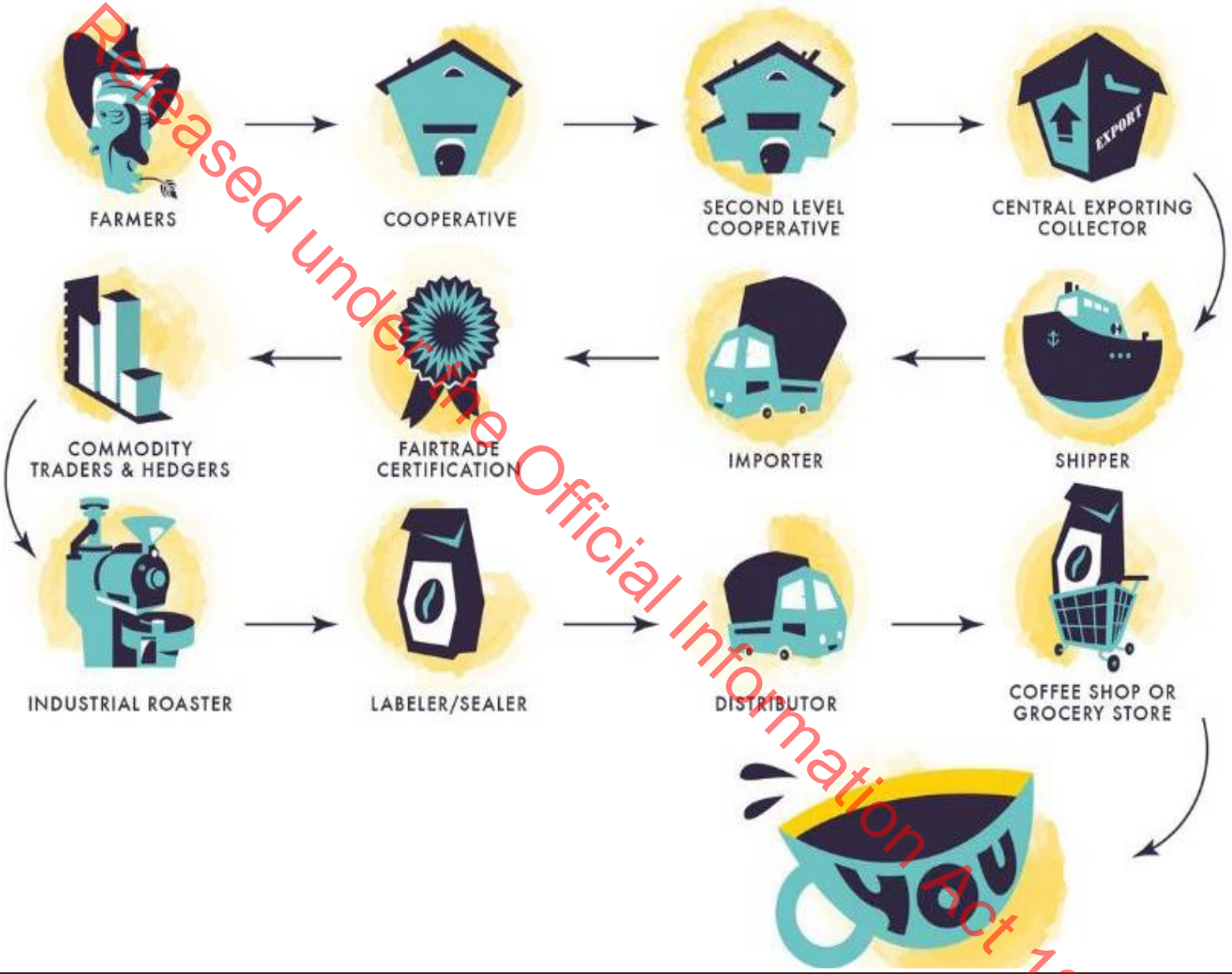

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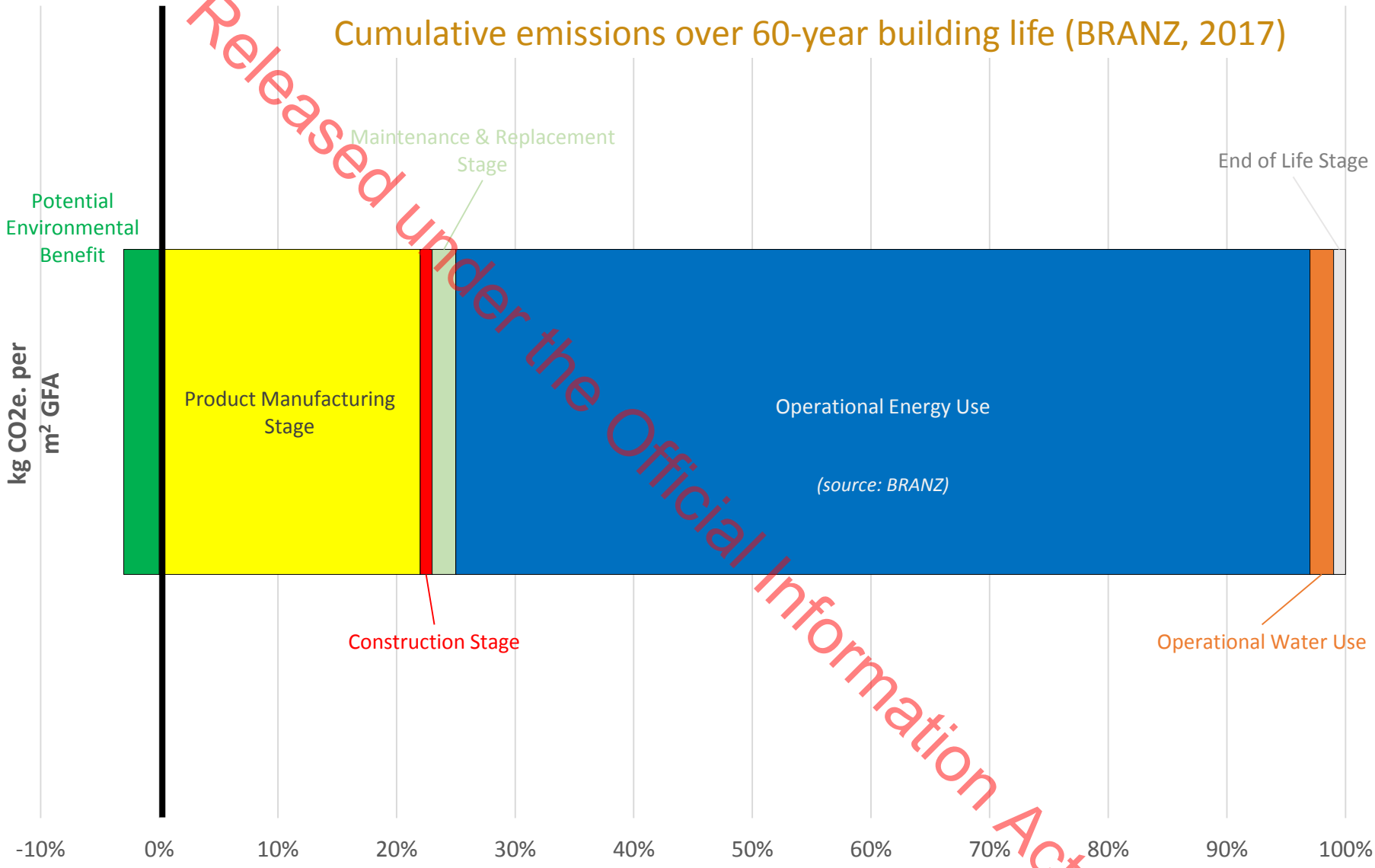

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The Trentham Ecological Restoration Project has been possible with the support of local Councils, our neighbours the Rimutaka Prison, Forest and Bird and community participation – particularly from local schools and youth groups.

Given the area sits within the Camp's firing range, any planting or other work by the many volunteers needs to be formally scheduled.

One of our greatest successes has been collaborating with the Department of Corrections.

Moving a stream channel back to its natural alignment had been one of our most important project goals – this would remove barriers to fish reaching the catchment headwaters.

With no funding to progress our plan, NZDF partnered with Corrections to make it happen. Rimutaka Prison had a serious flooding problem but no suitable land on which to redirect the water flow. So we provided the land, Corrections provided the funding and now the prison is dry and fish (including native Kokopu) can reach the headwaters – a win-win for all.

Geckos and Lizards

Pimelia

Robusta Grasshopper

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Barracks for the future

Vincent Block at RNZAF Base Auckland at Whenuapai is our newest 36-room barracks.

Opened in July 2018, it replaces a 1940s timber building that could no longer be maintained and had ceased to be used.

The new Vincent Block has been built with sustainability and asset stewardship in mind.

It has solar panels to provide electricity and hot water, and a tank to collect rainwater to use in the laundry and for flushing toilets.

The carparks outside collect rainwater through permeable pavements.

The design of Vincent Block offers a significant improvement in quality and comfort for our people.

Each room has a bed, basin, wardrobe, shelves and study desk, and every six bedrooms are a unit, with their own communal area/lounge, shared showers and toilets. There is also a communal storage area and laundry. All new barracks will use proximity cards instead of keys.

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CURRENT & FUTURE LEGISLATIVE CONTEXT

- Zero Carbon Bill / Act 2019
- Resource Management Act 1991
- Building Act 2004
- Waste Minimisation Act 2008
- The Māori Language Act 2016

- The Treasury Living Standards Framework
- UN Sustainable Development Goals

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The Four Capitals

Intergenerational wellbeing relies on the growth, distribution, and sustainability of the Four Capitals. The Capitals are interdependent and work together to support wellbeing.

Natural Capital

This refers to all aspects of the natural environment needed to support life and human activity. It includes land, soil, water, plants and animals, as well as minerals and enegy resources.

Social Capital

This describes the norms and values that underpin society. It includes things like trust, the rule of law, the Crown-Māori relationship, cultural identity, and the connections between people and communities.

Human Capital

This encompasses people's skills, knowledge and physical and mental health. These are the things which enable people to participate fully in work, study, recreation and in society more broadly.

Financial / Physical Capital

This includes things like houses, roads, buildings, hospitals, factories, equipment and vehicles. These are the things which make up the country's physical and financial assets which have a direct role in supporting incomes and material living conditions.

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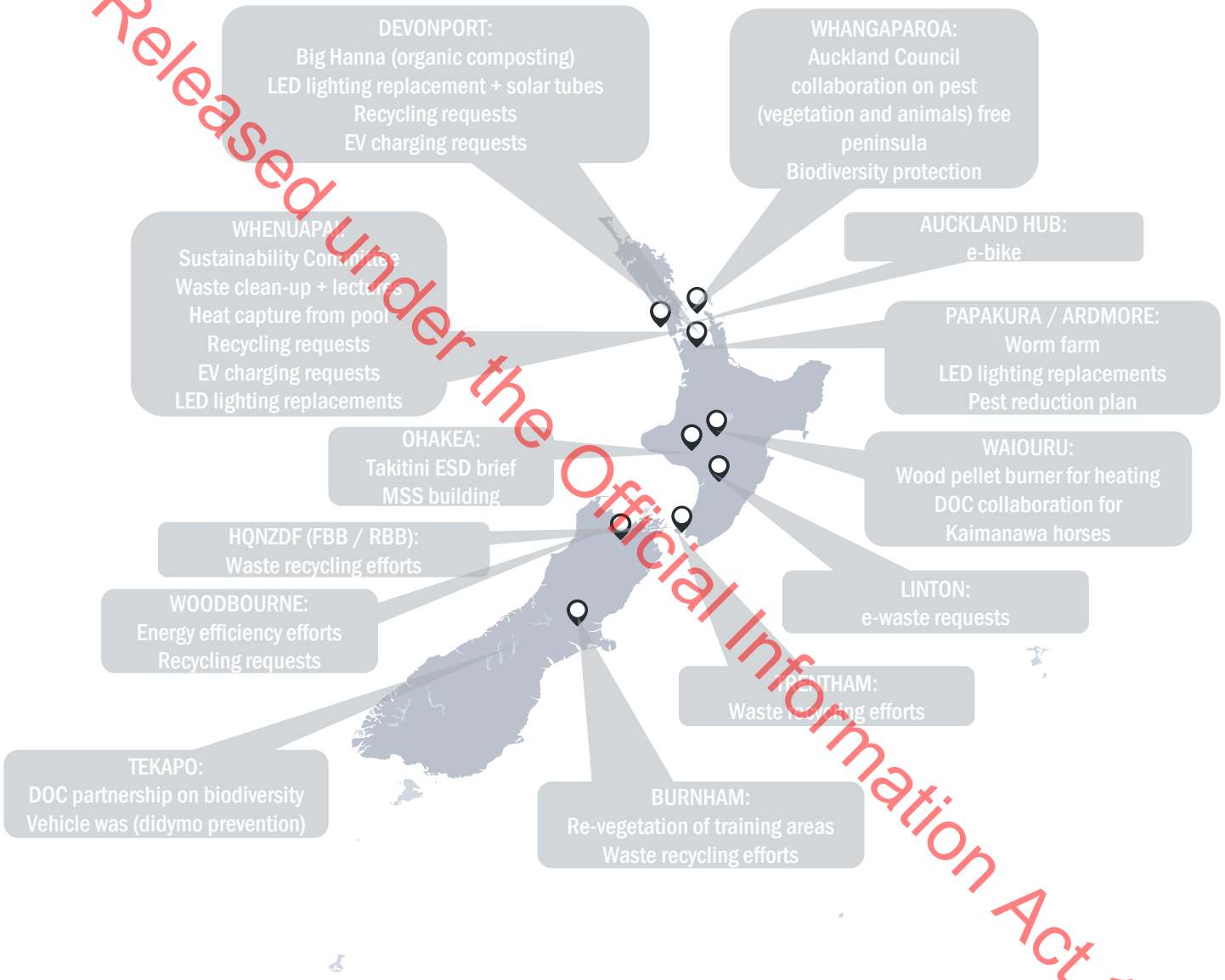

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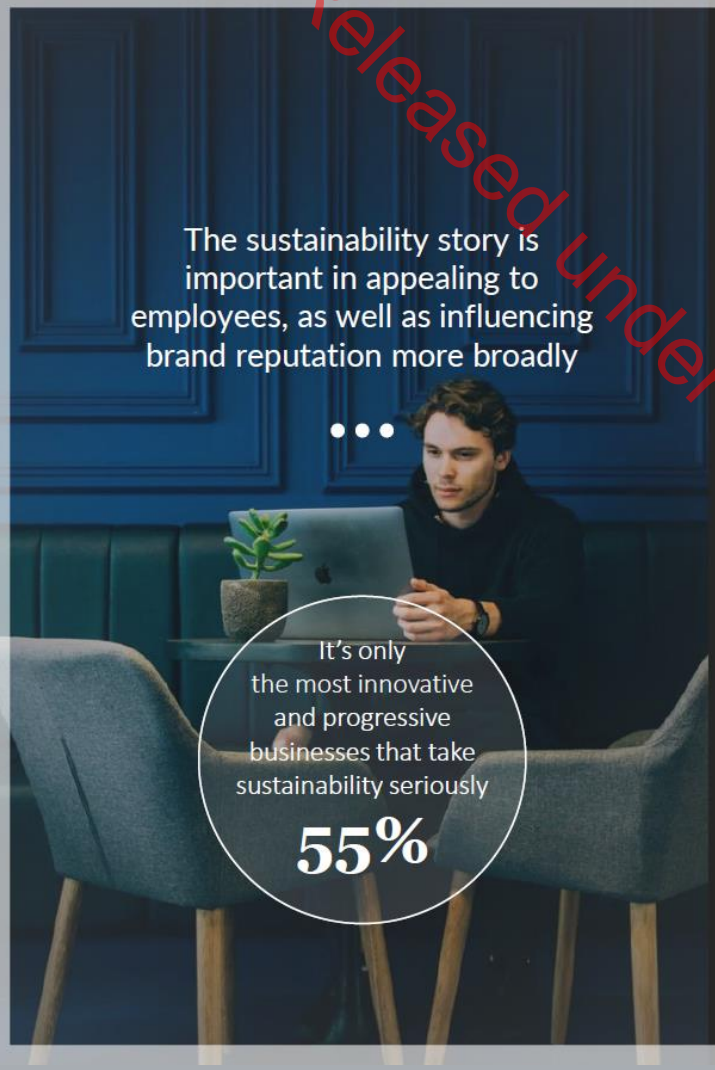

73%

say it's important for them to work for a company that is socially and environmentally responsible

64%

of Kiwis would rather work for a company with strong values even if they are paid less

Base: (n=500) Source: Please indicate how much you agree with each of the following statements

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New Zealand DEFENCE FORCE Te Ope Kātua O Aotearoa

WHY IS IT IMPORTANT?

A FORCE FOR NEW ZEALAND

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… sharing and/or questions invited

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