

Climate Change: Where we live, how we live, and how we plan for it

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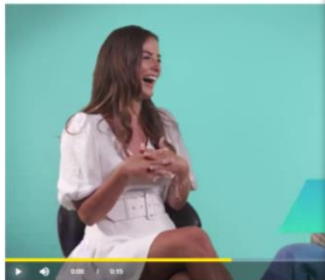
Sep 2019

The growing trend for 'Crisification...'



Covering Climate Now: The climate crisis is a mainstream concern

Patrick Crewdson, Staff Editor in Chief - 05:00, Sep 15 2019



Staff and hundreds of media outlets worldwide are collaborating to stream

OPINION: If you're concerned about climate change, you're not alone. Whether vocally or quietly, most New Zealanders are. A recent poll found 79 per cent of Kiwis considered climate change important to them personally. As a result, it's become a

the guardian

US americas asia australia africa middle east cities

New Zealand housing crisis forces hundreds to live in tents and

Tuesday 17 May 2016 03:17 BST

Property prices in Auckland have increased by nearly 80% in some areas, leaving some families unable to buy or rent

Hundreds of families in Auckland are living in cars, garages or containers as a housing crisis fuelled by rising property prices pushes workers out of private rental accommodation.

Charity groups have warned that, as the southern hemisphere's winter begins, most of the premises have no electricity, sewage or cooking facilities.

"This is not people who haven't been trying. They have been trying and still they're failing," said Campbell Roberts of The Salvation Army, who worked in South Auckland for 25 years.

"A few years ago people in this situation were largely uneducated, low-incomes. But consistently now we are finding people who are well educated, well paid, and have their life together in other ways, but housing is still a problem."

NEW ZEALAND

Auckland's transport crisis: How it was made and why it will only get worse

18 Apr, 2017 1:35pm



Travel times on Auckland motorways at morning and afternoon peaks between 2012 and 2016. Source: New Zealand Transport Agency.

Other
By: Simon Wilson, The Spinoff's Auckland section editor



Transport planning in Auckland is a bloody mess and the big things needed to fix the

BUSINESS

Fran O'Sullivan: Infrastructure 'at crisis point'

19 Jul, 2019 5:07am



Prime Minister Jacinda Ardern. Photo / File

By Fran O'Sullivan
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COMMENT:

The Prime Minister's Business Advisory Council has warned Jacinda Ardern that New Zealand is at an "infrastructure crisis point".

NZ's nature is in crisis. Why so many Kiwis not know?

15 Sep, 2019 12:08pm



Our curious Kiwi is among around 300 threatened species that are found only in New Zealand. Photo: NZ Herald

By Jamie Marton
Science Reporter, NZ Herald
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Nic Tidd sees herself walking a tightrope of hope.

On one side, the Department of Conservation's bubbly public face sees apathy about our fast vanishing nature, on the other is a sense of helplessness that the battle is already lost.

It's a tricky balance to strike for our official threatened species ambassador.

NEW ZEALAND

Auckland jet fuel crisis: Disruption from ruptured pipe, exposes infrastructure vulnerability

17 Sep, 2019 5:06am



The Ruakaka pipeline was ruptured in 2017. Video / Focus

By Lincoln Tan
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Auckland's fuel infrastructure needs immediate investment to ensure there is no disruption to Auckland Airport if something goes wrong with the supply line.

BUSINESS

Opioid crisis: OxyContin, Purdue Pharma file for bankruptcy to wipe out lawsuits

14 Sep, 2019 3:36pm



Purdue Pharma logo at its offices in Stamford, Conn. Photo / AP

Washington Post

NEW ZEALAND

Audrey Young: President's resignation won't end Labour crisis

11 Sep, 2019 8:06pm



Labour president Nigel Haworth has resigned in questions mount about the party's allegations. Photo / Greg Bowler

By Audrey Young
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COMMENT:

The resignation of Labour Party president Nigel Haworth may have

Global oil crisis: BP hikes Kiwi petrol prices by 6c/litre

19 Sep, 2019 11:00am

SEARCH DRIVEN FOR VEHICLES FOR SALE

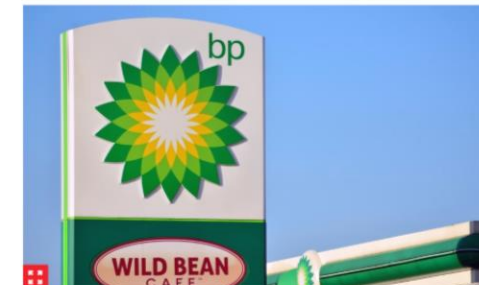


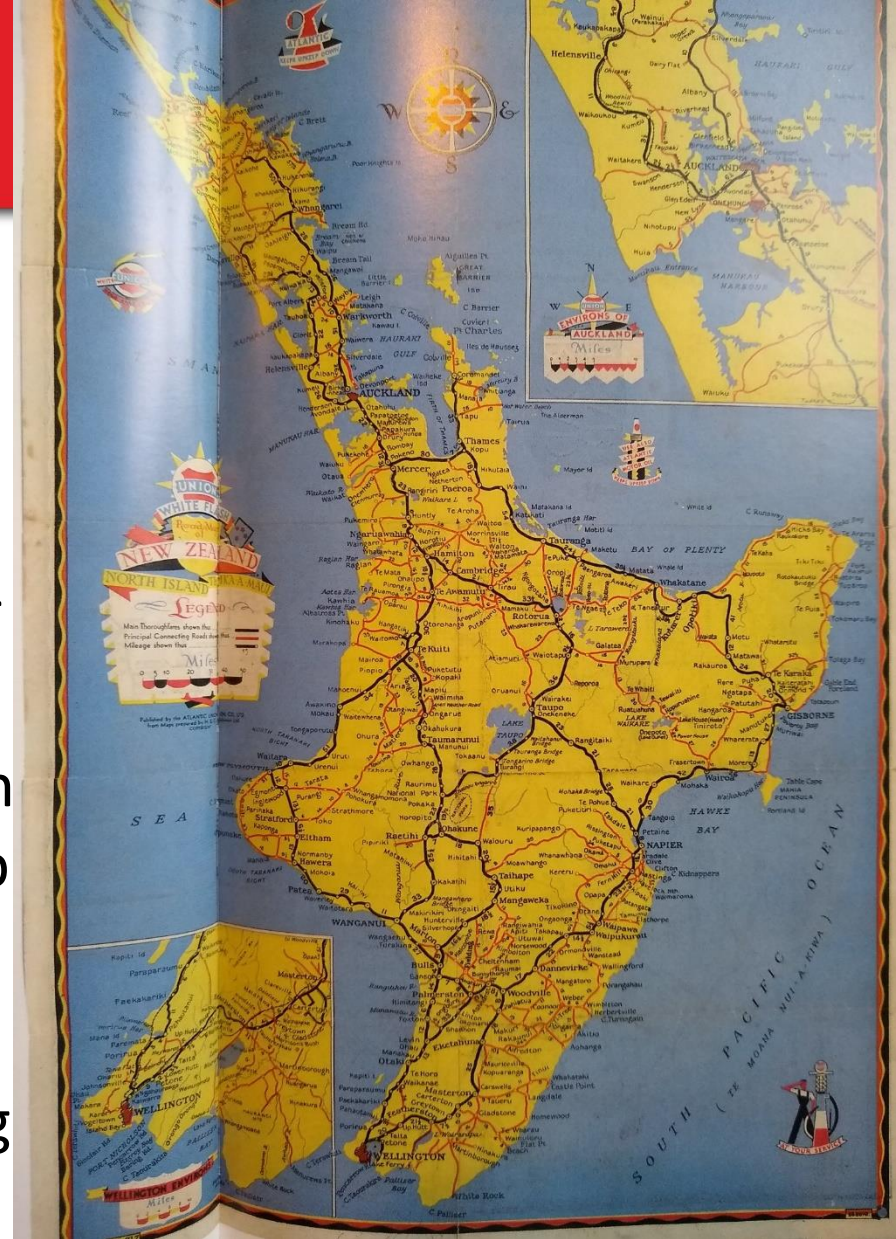
Photo: 123RF

BP stations across New Zealand will raise fuel prices by 6 cents per litre from today, following drone strikes on Saudi Arabia oil production facilities over the weekend.

Leigh Taylor, a spokesperson for BP, said there has been a sharp increase in the barrel price since the drone strikes.

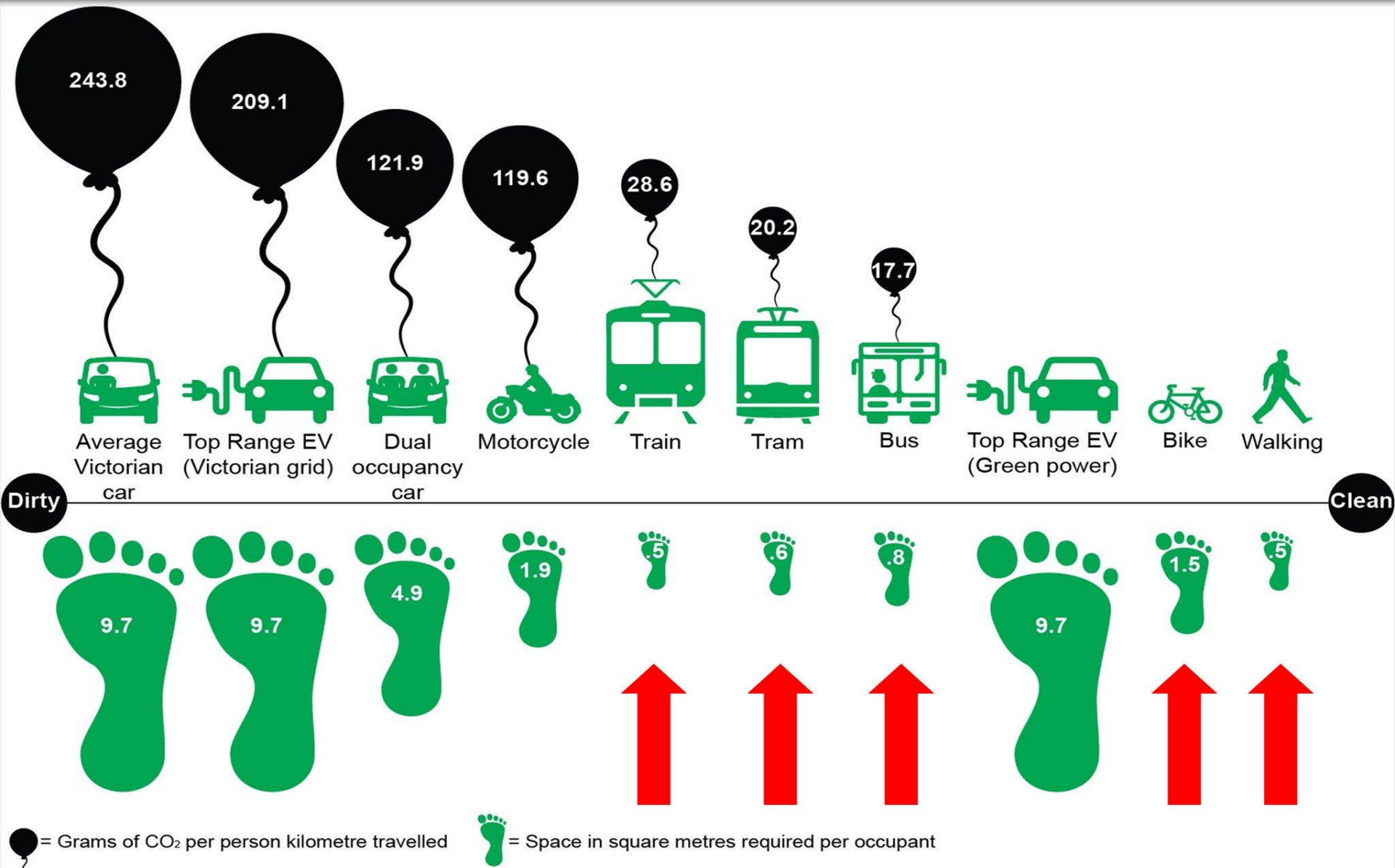
History Matters...

- In 1905 only 500 vehicles in NZ.
- 1924 there were 58 per 1000 population
- 1955, 177 per 1000...
- 2018, one of the highest rates of light vehicle ownership (Cars, vans, SUVs and utility vehicles) in the world, with 792 per 1000, up 23% in the last decade (Ministry of Transport, 2018).
- The places we create have a long legacy... So what legacy can we leave?



1932 Road Map of NZ by... **Atlantic Union Oil Company** (merged with Mobil in 1980)

Carbon footprint and Space footprint



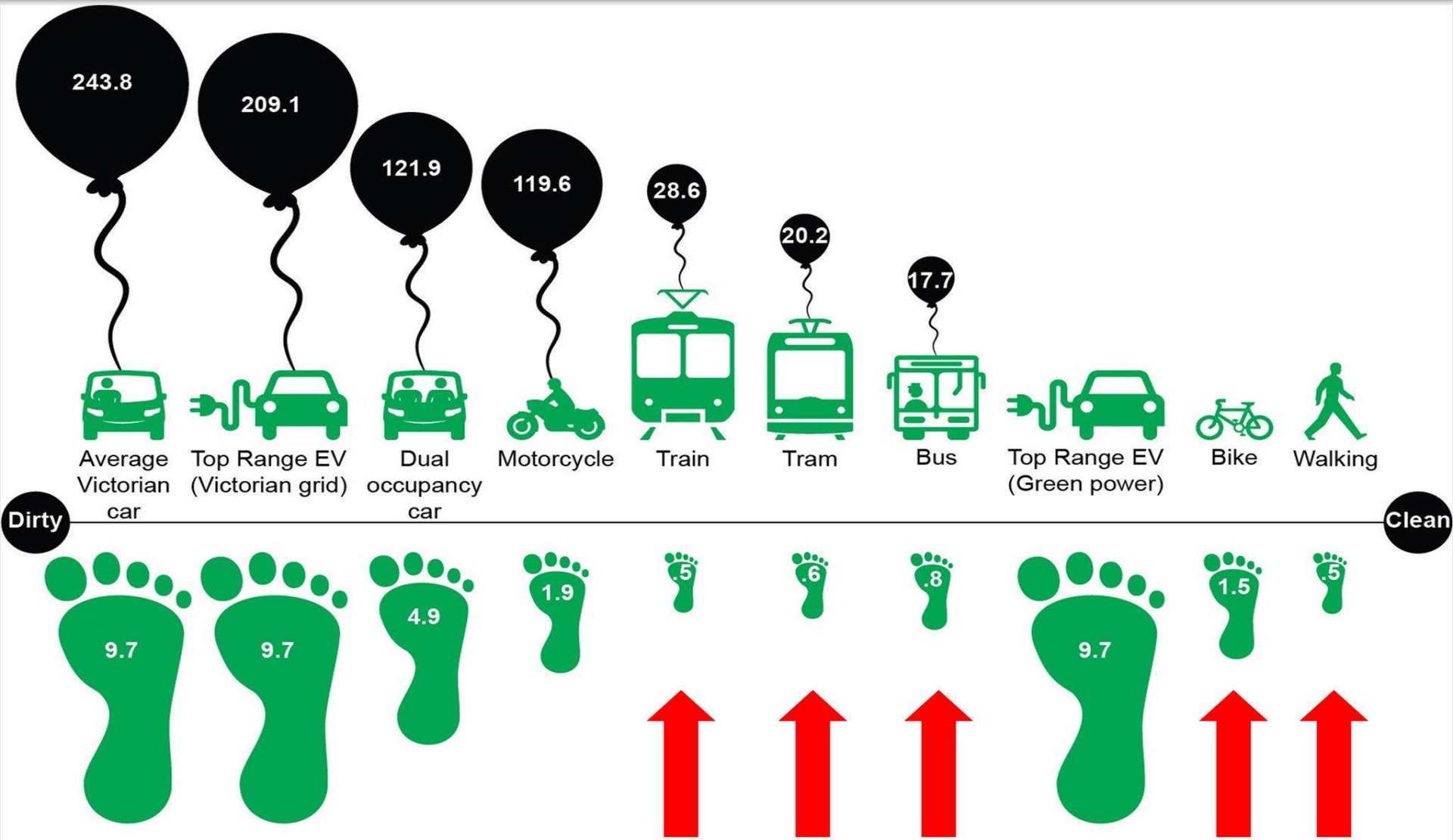
First Class?



A330 BUSINESS CLASS



Carbon footprint and Space footprint



Dirty

Clean

 = Grams of CO₂ per person kilometre travelled

 = Space in square metres required per occupant

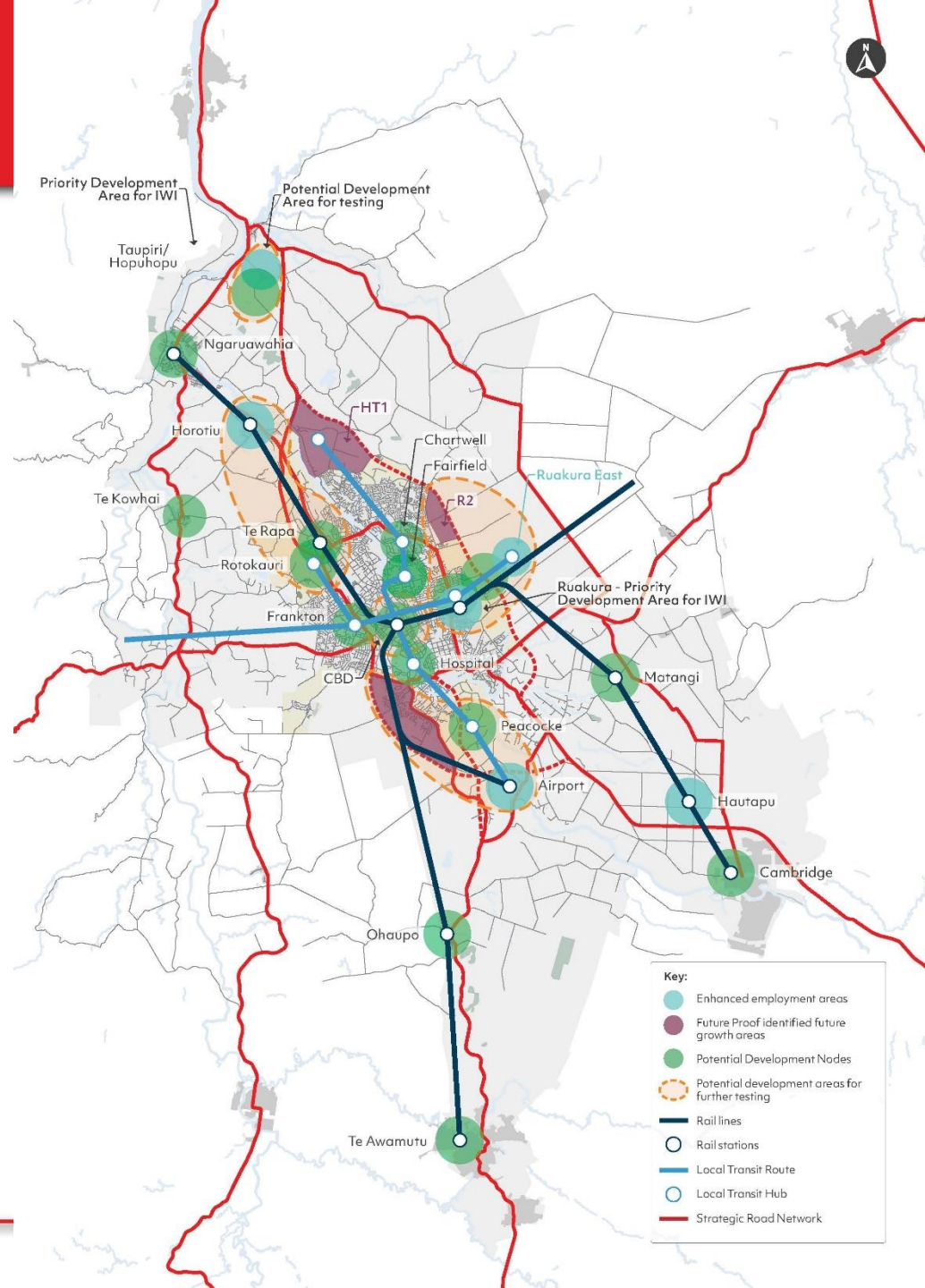
Hamilton-Waikato sub-region

Hamilton-Waikato Metro Spatial Plan

Linking spatial structure, urban form, housing, transport, biodiversity, etc

Key is 'Transit Oriented Development'

- Density around nodes to make mass transit feasible
- Densification linked to mixed use planning to reduce need to travel
- A mixture of city densification and nodal development, underpinned by a mass transit network
- Use space more efficiently to protect valuable soils, habitats, etc
- Create places that naturally are more climate friendly



1) Much climate action is politically risky

we don't have certainty over what will happen, where, the damage, the distribution of long/short term costs,

2) Power of stability and the status quo.

Innovation is a political risk

3) Politics is competitive has multiple crises and **attention is a scarce political resource**

4) Need to consider this not as a climatic risk but as a political, institutional and professional risk. *How do we 'de-risk' the right decisions?*

Climate change is too important for politics

16:45, Feb 20 2019



CATRIN OWEN

Flooding, such as that pictured at Waihi Beach in 2018, will become more common in future.

EDITORIAL: Climate change is the most pressing issue of our age. There is no getting around that and no wishing away the harsh reality of it. The time for doubt, debate and scepticism has passed and the United Nations Intergovernmental Panel on Climate Change's 2018 report, which found