

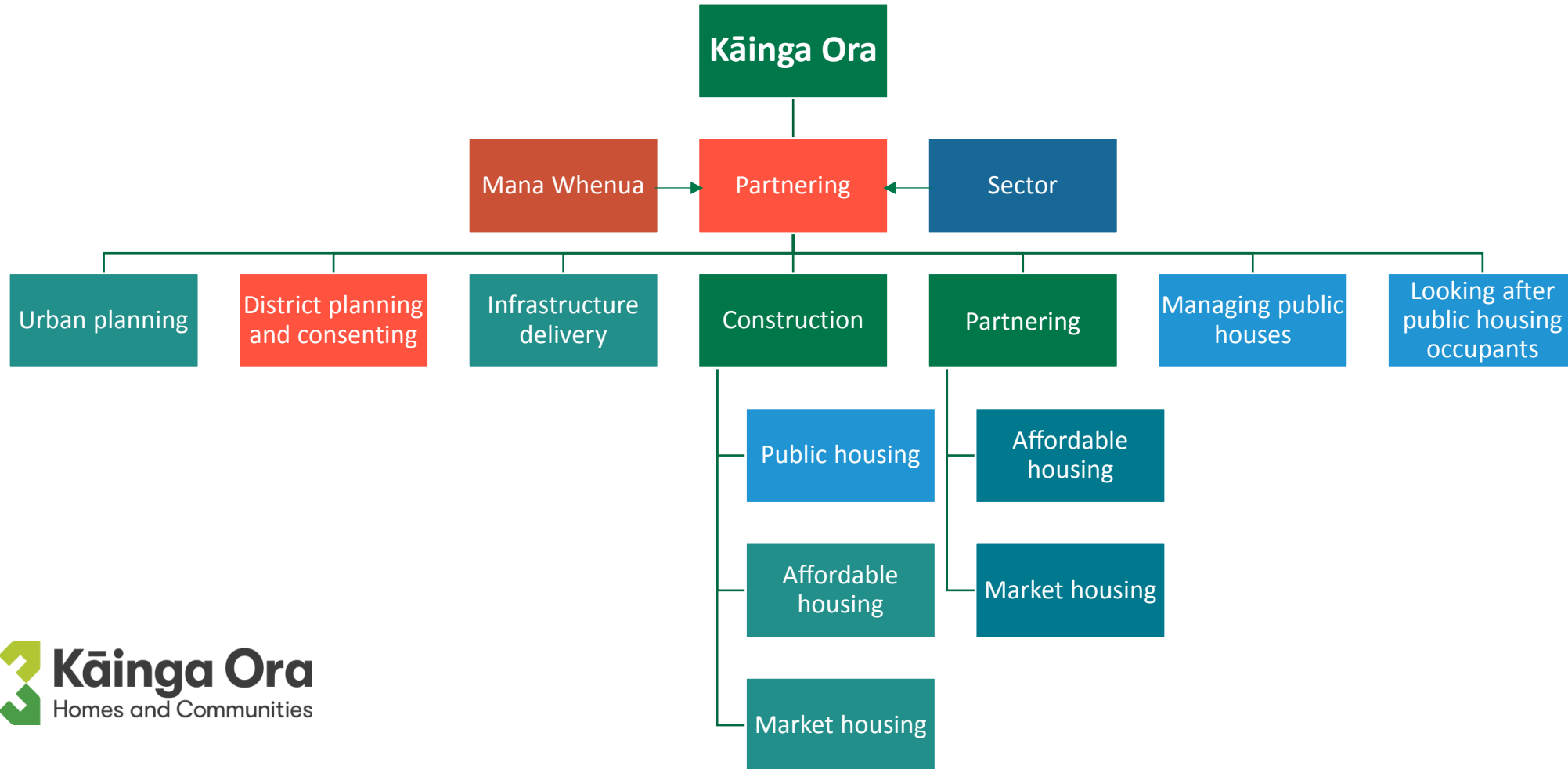
# Sustainability at Kāinga Ora

Otago University  
11 February 2020



# What is Kāinga Ora?

Now



# What are we thinking about?

## Climate crisis: 11,000 scientists warn of 'untold suffering'

Statement sets out 'vital signs' as indicators of magnitude of the climate emergency

- **Most countries' climate plans 'totally inadequate' - experts**



## Biodiversity crisis is about to put humanity at risk, UN scientists to warn

'We are in trouble if we don't act,' say experts, with up to 1m species at risk of annihilation



Africa

## The world is drowning in ever-growing garbage



Typical scene at the waste dumps in Lagos, Nigeria. (TWP)

# What are we thinking about?

## Car centric urban environment

Promotes sedentary lifestyle and social isolation



## Not fit for purpose housing

Is a leading cause of respiratory disease

In New Zealand,

## Urban environments must work for Tangata Whenua

And other indigenous communities



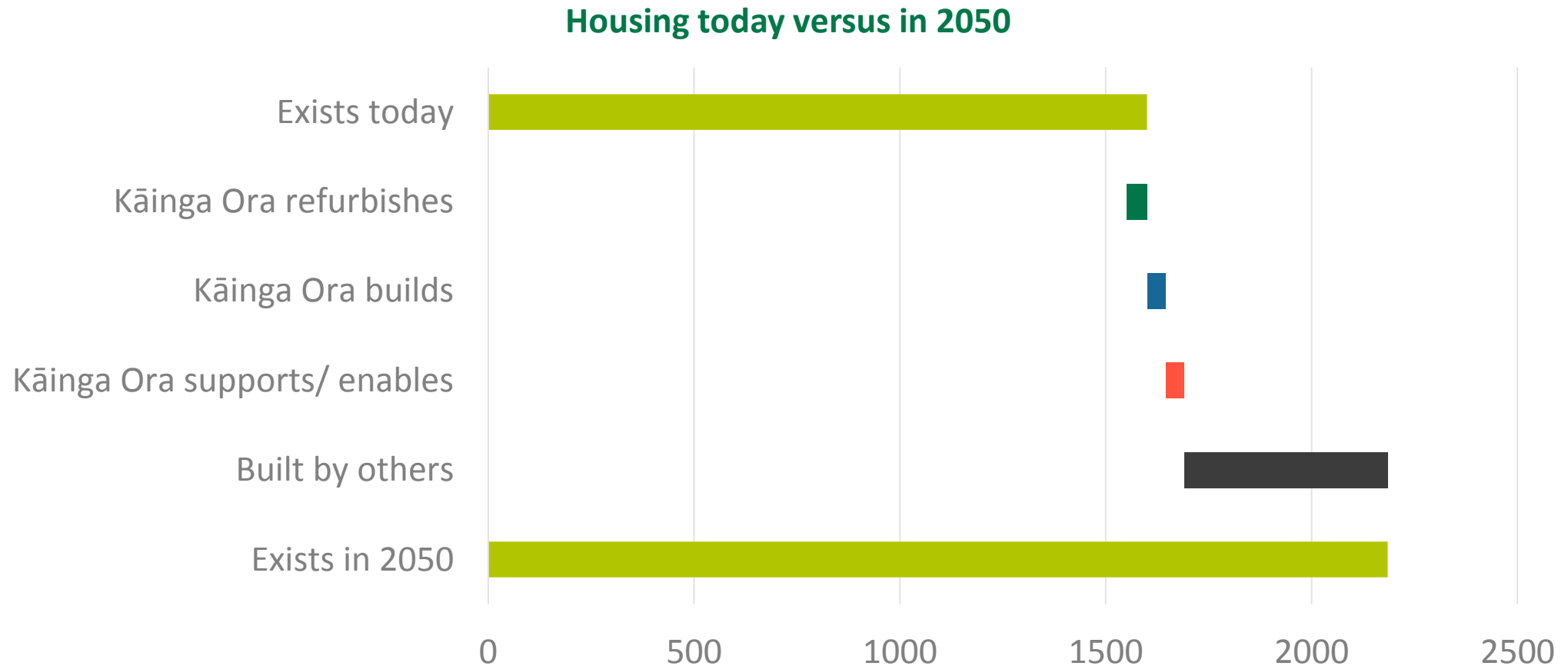
## RESPIRATORY DISEASE:

Costing  **\$6 billion** per annum

**3rd**  **RIP** leading cause of death

6°C contribute towards problems.

# How do we expect housing in New Zealand to change?



# If we set a 2050 net zero emissions consumed in NZ budget

## Hypothetical emissions budget consumed by residential urban environment



# Eastern Porirua - case study



	Before	After
Kāinga Ora	1978	1978
Non-Public	3092	4596
Total	5070	6574

