

# NZ'S FIRST CARBON ZERO HOSPITAL



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NHL Properties



CBD

Convention  
Centre

Town Hall

FORTE HEALTH

CHRISTCHURCH, NZ





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Stuart Hay - Architect



Rachel Hillyer - CEO



Rowan Schouten – Chair

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Tuesday 22<sup>nd</sup> February 2011, 12:51pm



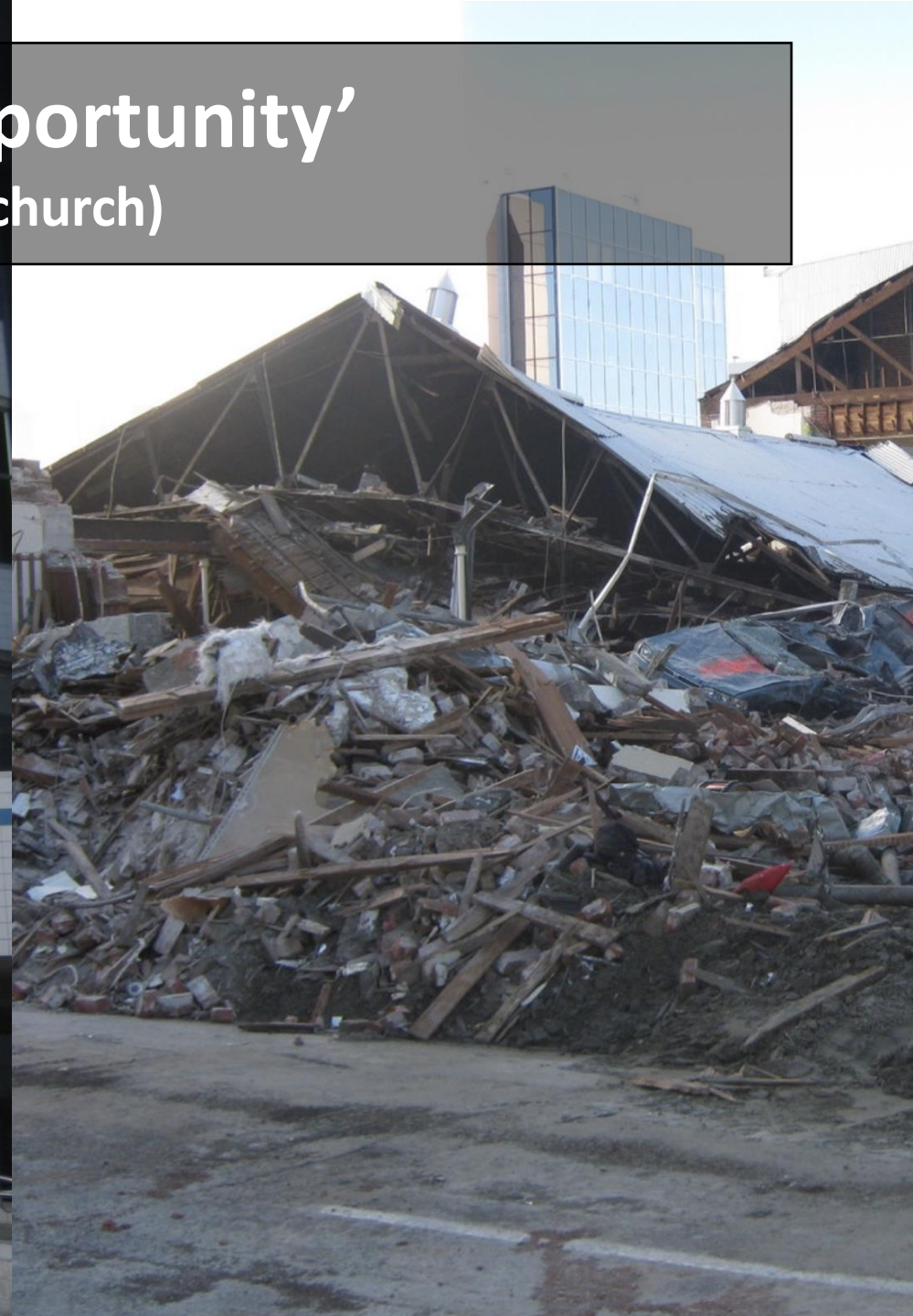






**‘from disaster comes opportunity’**

Lianne Dalzell (Mayor Christchurch)

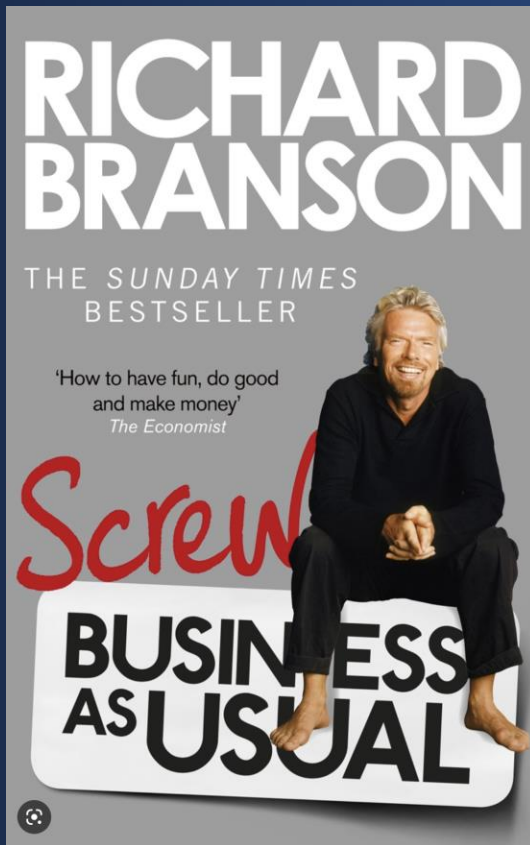




JAN 2013







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PETER DAVIDSON  
SURGEON / FOUNDER









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Branding / Excellence

Leadership

**Why Build  
Sustainably?**

Future Proof

Encourage others

Pride

Attract Staff / Surgeons





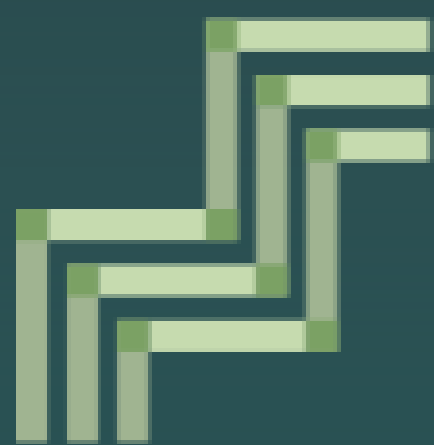
Healthcare that  
prioritized the  
well-being of  
patients,  
staff,  
local community,  
& the environment











# NZGBC

TE KAUNIHERA HANGANGA TAUTAI AO



# greenstar



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‘we will not be the last,  
but we will always be the first’

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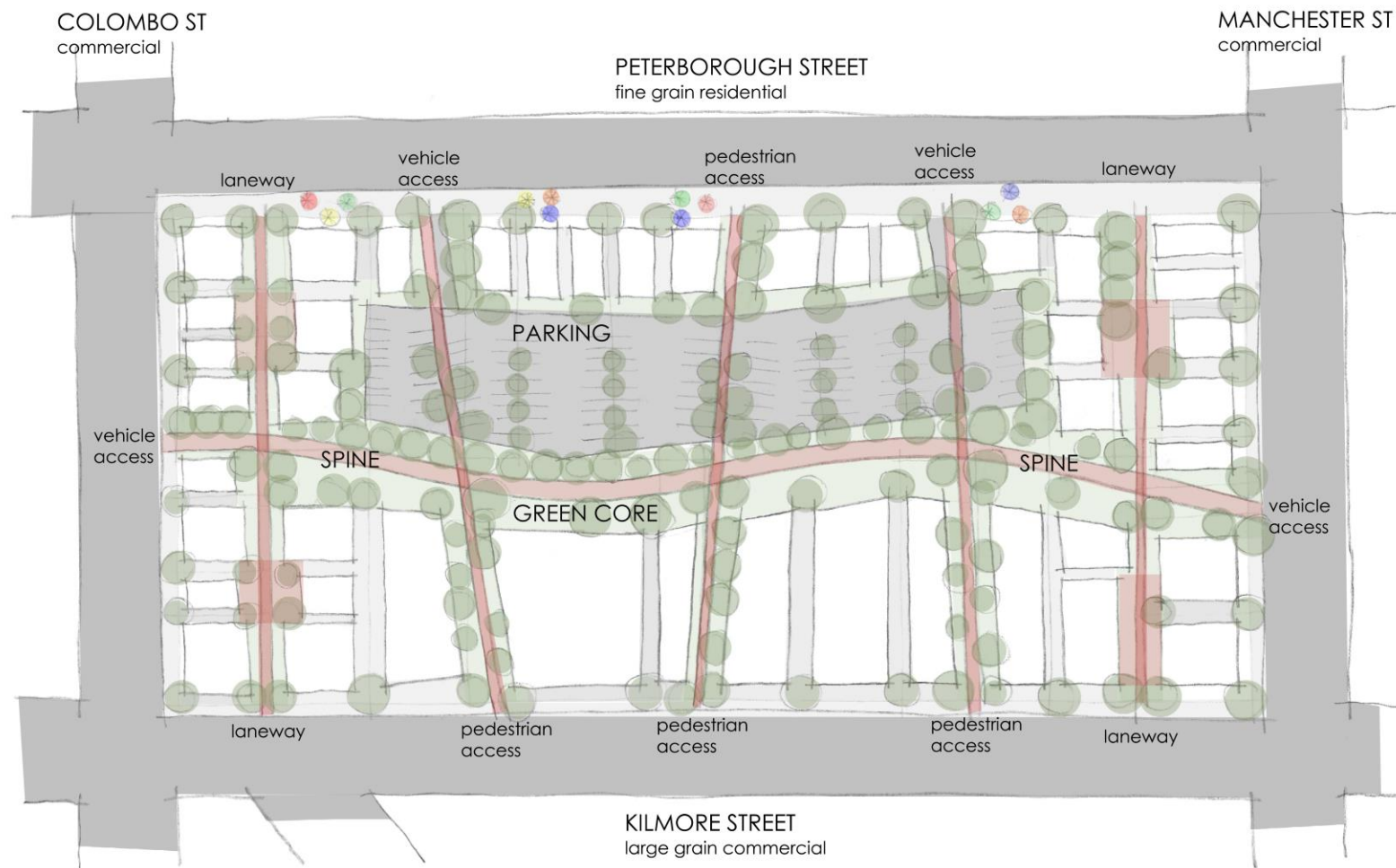


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PETERBOROUGH VILLAGE CONCEPT  
stage two

CS july 12  CAPITAL PROGRAMME GROUP

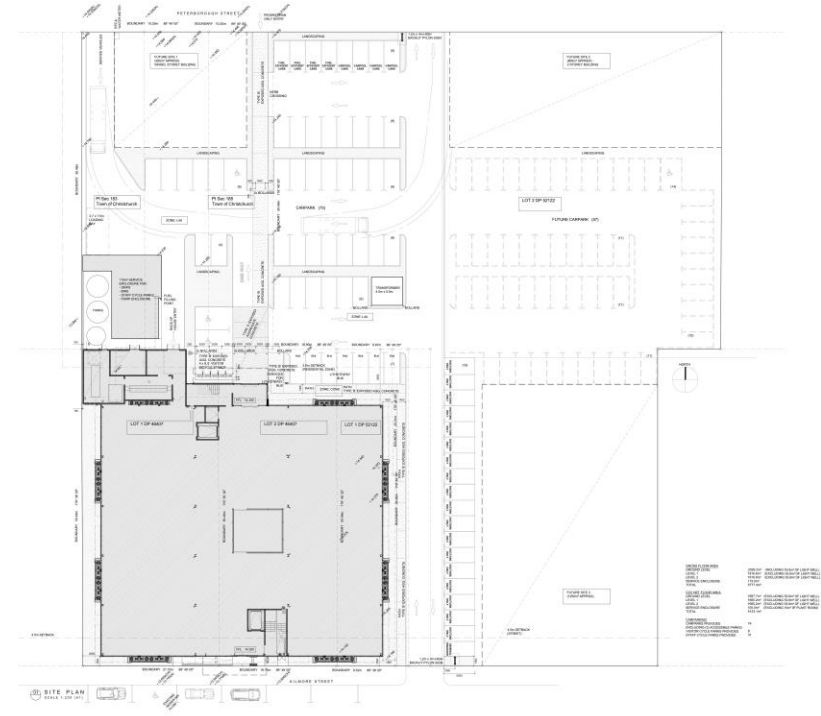


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[illegible]









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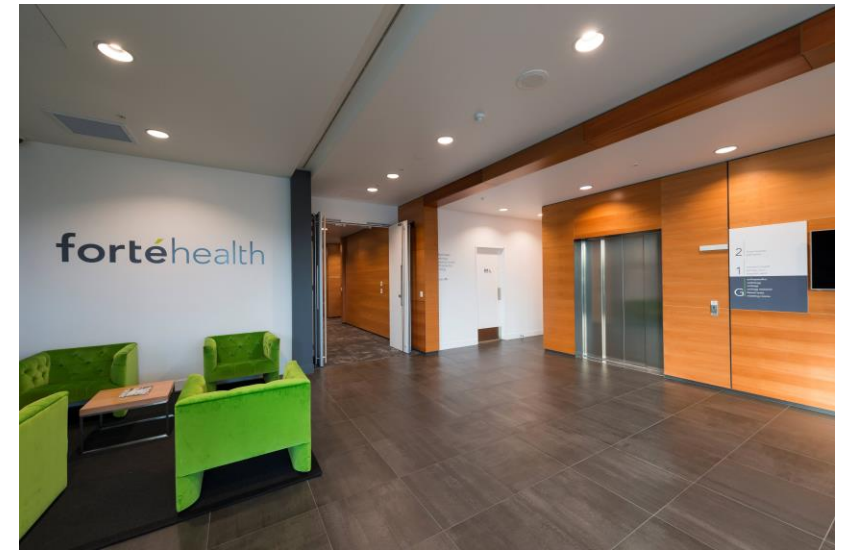
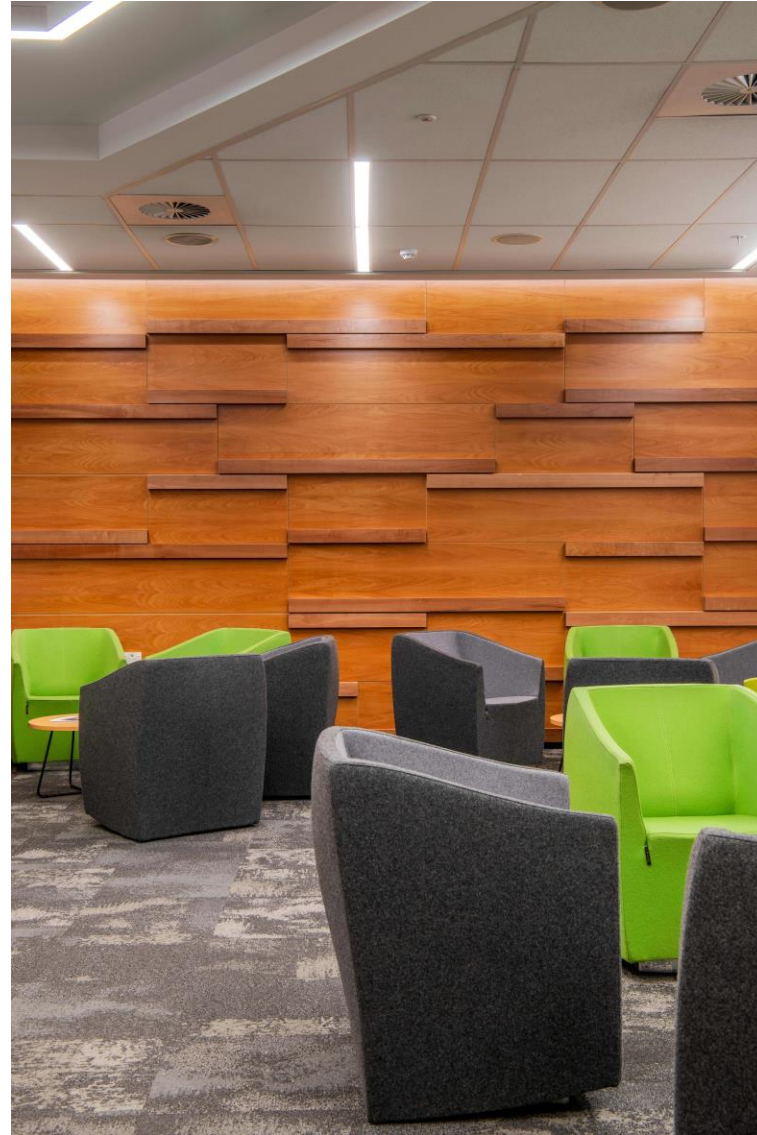


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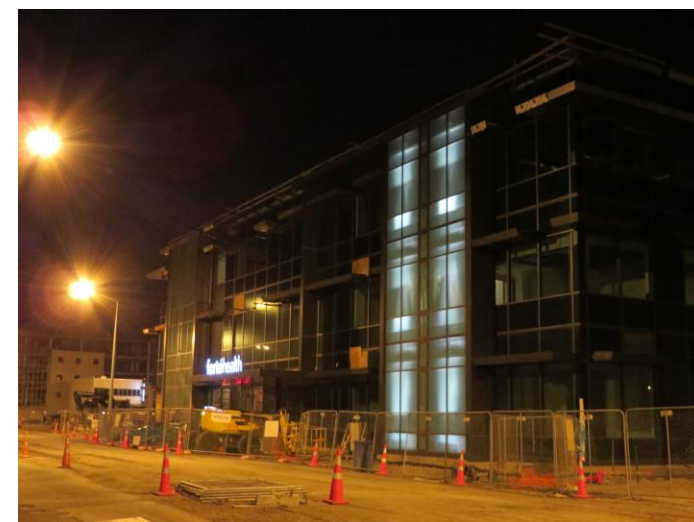


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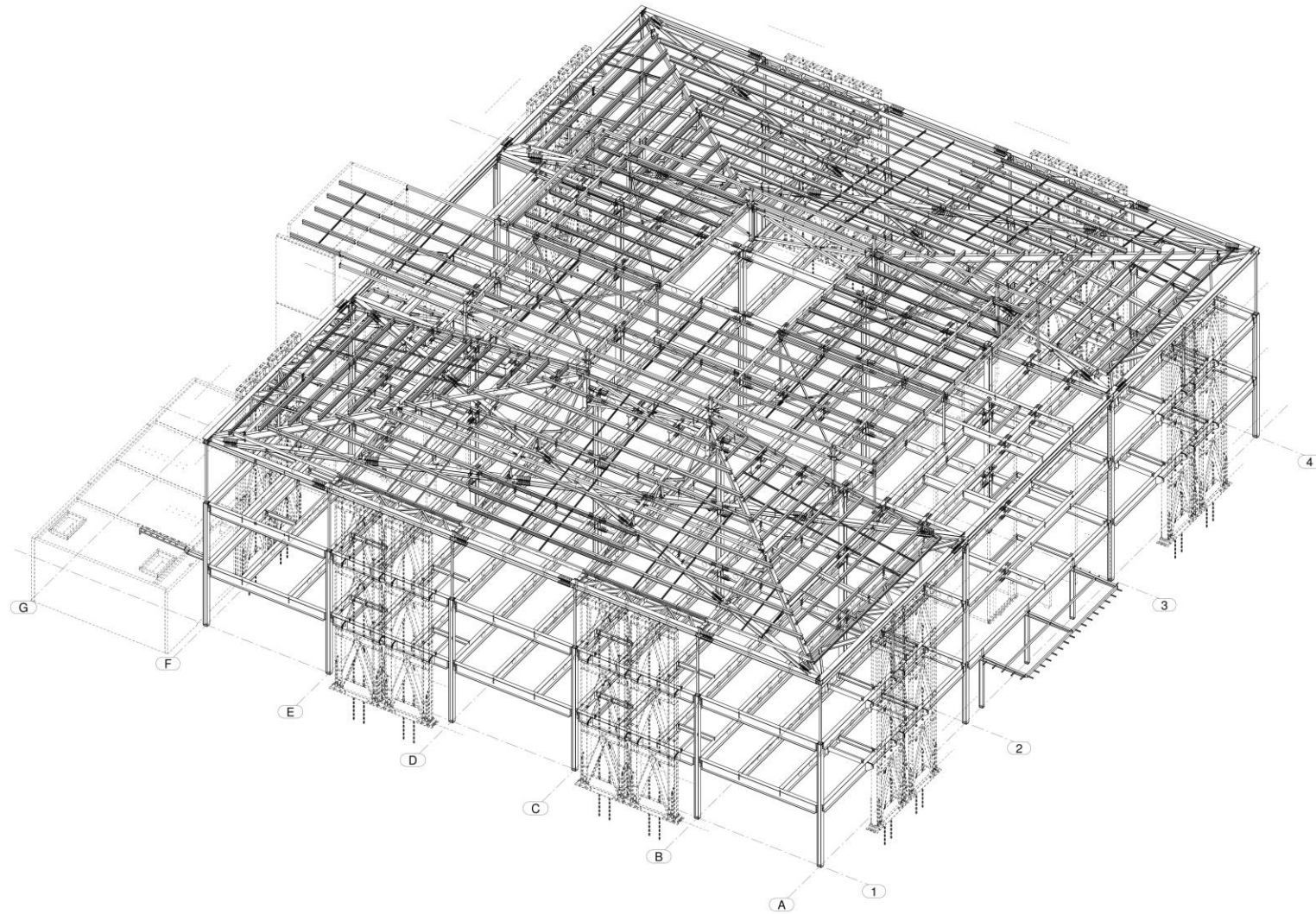


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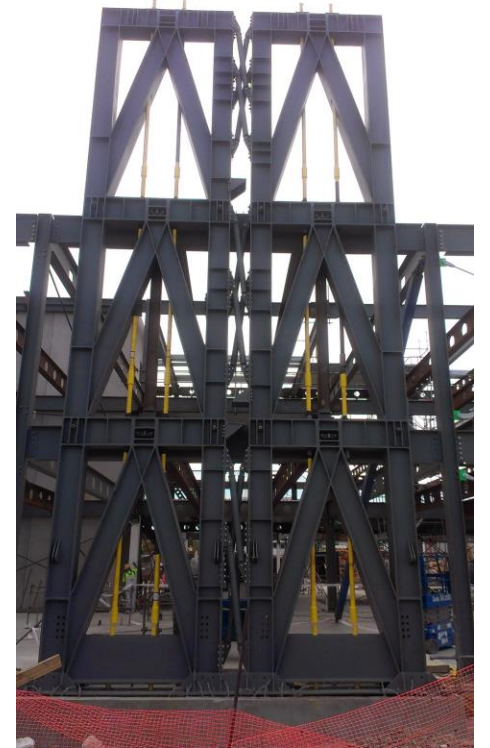
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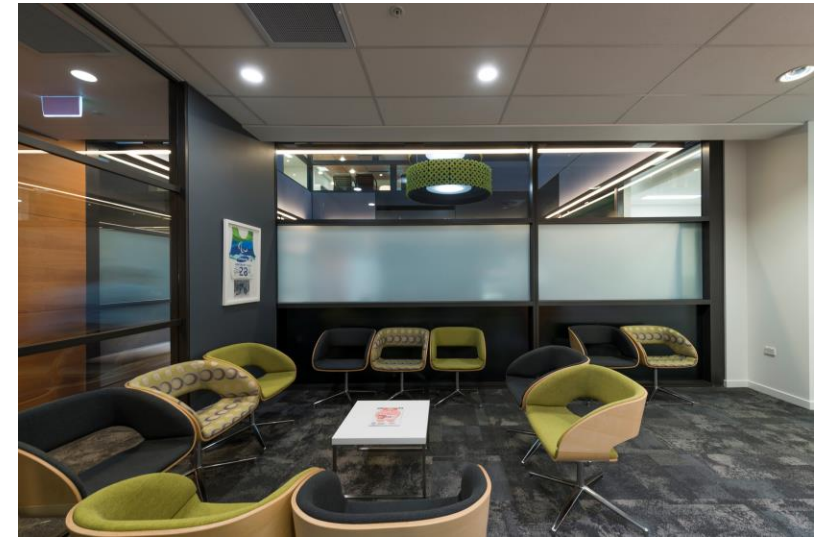


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# Forte Health is open for business

06:57, Feb 28 2014



JOHN KIRK-ANDERSON/FAIRFAX NZ

HOSPITAL OPENING: Earthquake Recovery Minister Gerry Brownlee smiled for the camera alongside Forte Health chairman David Barker, press secretary Sia Aston, Prime Minister John Key and Associate Health Minister Jo Goodhew.



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# OUR BIGGEST YET



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# OUR CARBON ZERO VISION

## COMMITTING TO THE VISION

Board commitment

Partnering with Toitū

## SHARING THE VISION

Sustainability committee

Celebrating success

ISO 14064-1  
ORGANISATION

## IMPLEMENTING THE VISION

Environmental Management Plan

Life Cycle Approach

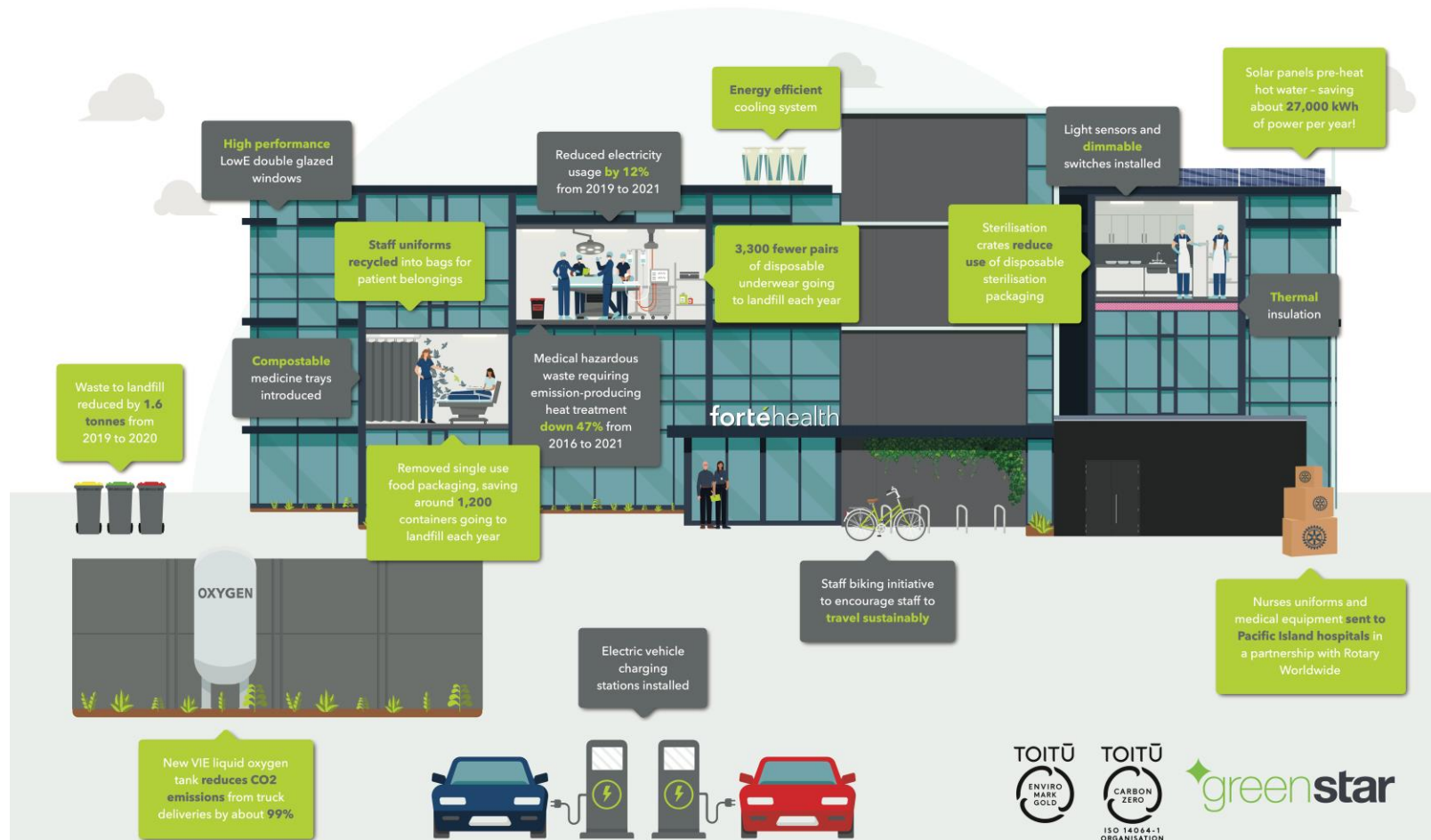
Identifying environmental risks

Tracking emissions



# NZ'S FIRST CARBON ZERO HOSPITAL

It started in 2014, when Forte Health became the first healthcare facility in NZ and Australia to be awarded four-star green building certification. It turns out that was just the beginning....

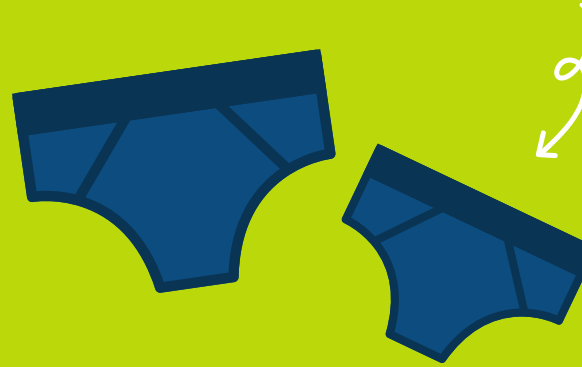




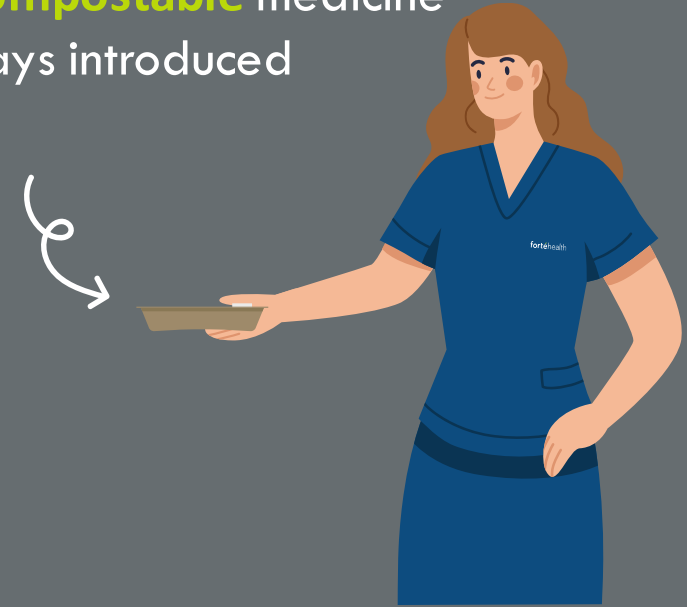
Removed single use food packaging, **saving around 1,200** containers going to landfill each year



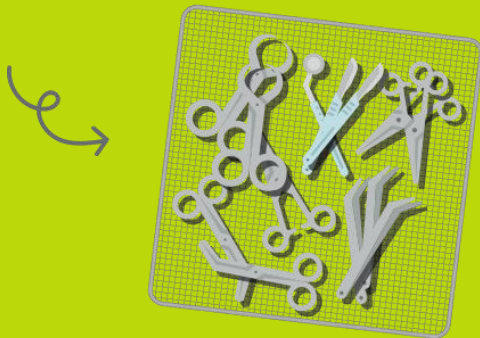
**3,300 fewer** pairs of disposable underwear going to landfill each year



**Compostable** medicine trays introduced



Sterilisation crates **reduce use** of disposable sterilisation packaging



Medical hazardous waste requiring emission-producing heat treatment **down 47%** from 2016 to 2021



Waste to landfill **reduced by 1.6 tonnes** from 2019 to 2020





We have replaced the  
emission producing  
Desflurane anaesthetic gas  
with a more *sustainable*  
alternative



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We have reduced  
electricity usage

*by 28%*

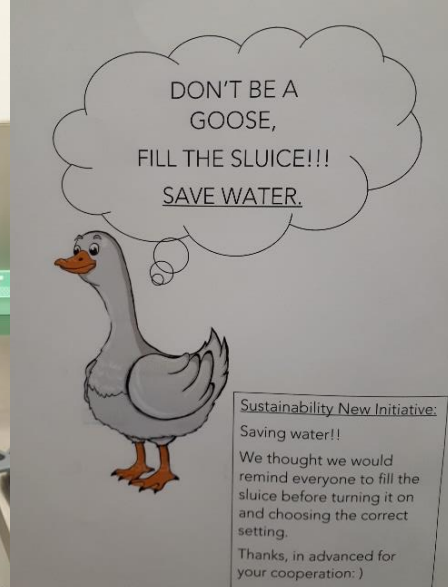
in the last three years



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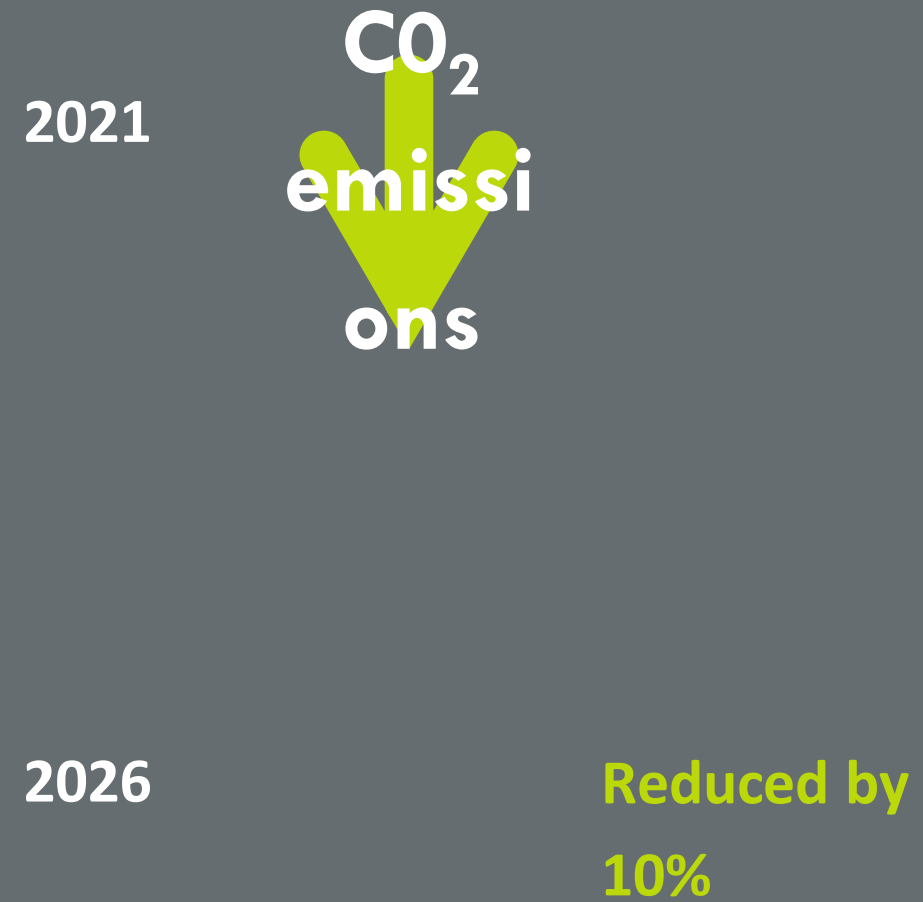
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# OUR FUTURE





# OUR INSIGHTS

- Onboard the board
- Identify blocks to sustainable thinking
- Enable the team
- Resource your initiatives
- Engage your biggest asset – your team
- Celebrate what you do





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