

Building energy programmes

Towards a zero carbon capital

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Absolutely Positively
Wellington City Council

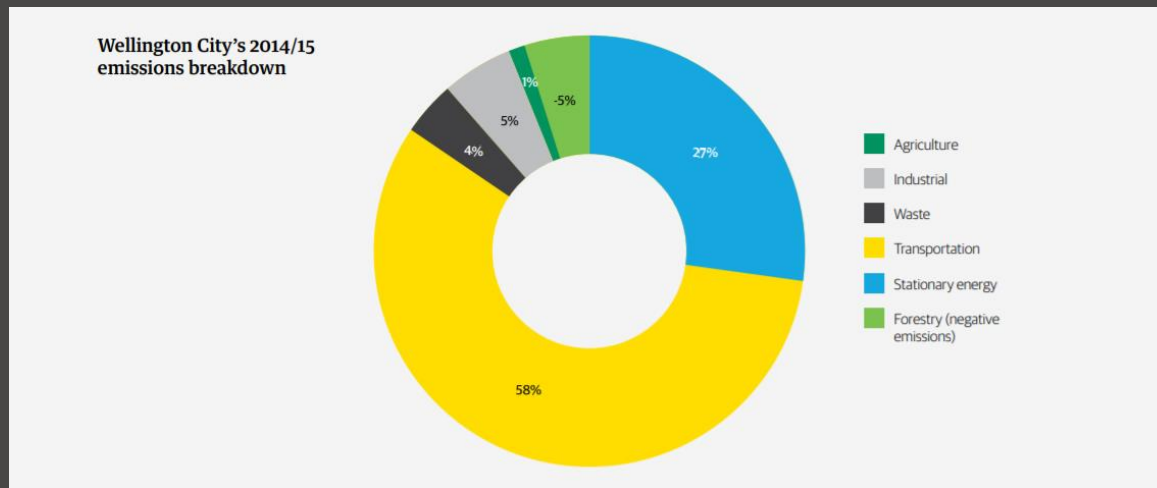
Me Heke Kī Pōneke

Outline

- The Council's climate change commitments
- Wellington Home Energy Saver Programme
- Enhanced high performance building incentive
- Future initiatives

The Council's climate change commitments

In June 2019 the Council declared a climate and ecological emergency and has committed to becoming a Zero Carbon Capital City by 2050



Building Energy is one of the priority action areas in *Te Atakura* – 27% of Wellington City's emissions are from stationary energy

Wellington Home Energy Saver Programme

- Objectives:
 - Remove barriers and reduce energy consumption, costs and carbon emissions in residents' houses
 - Make energy efficiency and carbon reduction a priority amongst Wellington households.
- Sustainability Trust delivers the programme on behalf of council.
- 500 households are visited by auditor each year and receive:
 - Two hour free home assessment
 - Personalised home action plan
 - 50% off product costs valued up to \$115.



Wellington Home Energy Saver Programme

Success to date:

- Almost **5%** of Wellington households have been visited since 2011
- **92%** of surveyed households implemented at least one recommendation
- Energy efficient lighting & floor insulation are the most popular uptakes
- **72%** of surveyed households agree their homes are warmer as a result
- **40%** of surveyed households have lower energy bills

“We are less sick, house is warmer so all is happier”



Enhance high performance building incentive

- Council offers 50% reduction in development contributions to specific buildings with Green Star 5+ rating or equivalent.
- Only 3 out of 44 potentially eligible buildings have taken up this incentive.
- Review underway to better understand what types of incentives are needed to encourage commercial buildings to perform as well as they can.



Next Steps for Council

- Finalise Zero Carbon Capital Implementation Plan
- Establish Zero Carbon Capital working group to help implement the plan
- Building energy initiatives:
 - Lead by example: Proposing all new council builds or substantial redevelopments achieve minimum Green Star 5 rating
 - Explore new initiatives including ratepayers borrowing against rates for energy efficient/low carbon household infrastructure

