

Help us
complete the
Greenhouse
Action Plan

Behaviour and Appliances



Waste



Transport



Clean Energy



Buildings





Welcome



Cr John Middleton





Community Consultation: Purpose and Process



Lalitha Ramachandran, Acting Manager
Sustainability





The Community Consultation Process





Purpose for Today

To consider:

- a community-wide greenhouse action plan for reducing locally produced emissions
- the information we provide as the basis for considering your ideas
- the 'how to', particularly with regard to the challenges and opportunities we face in becoming a low carbon community and city. How can we get there?





Toward Zero - Council's Commitment

Toward Zero Sustainable Environment Strategy

Targets for greenhouse

Council operations - 0 emissions by 2020

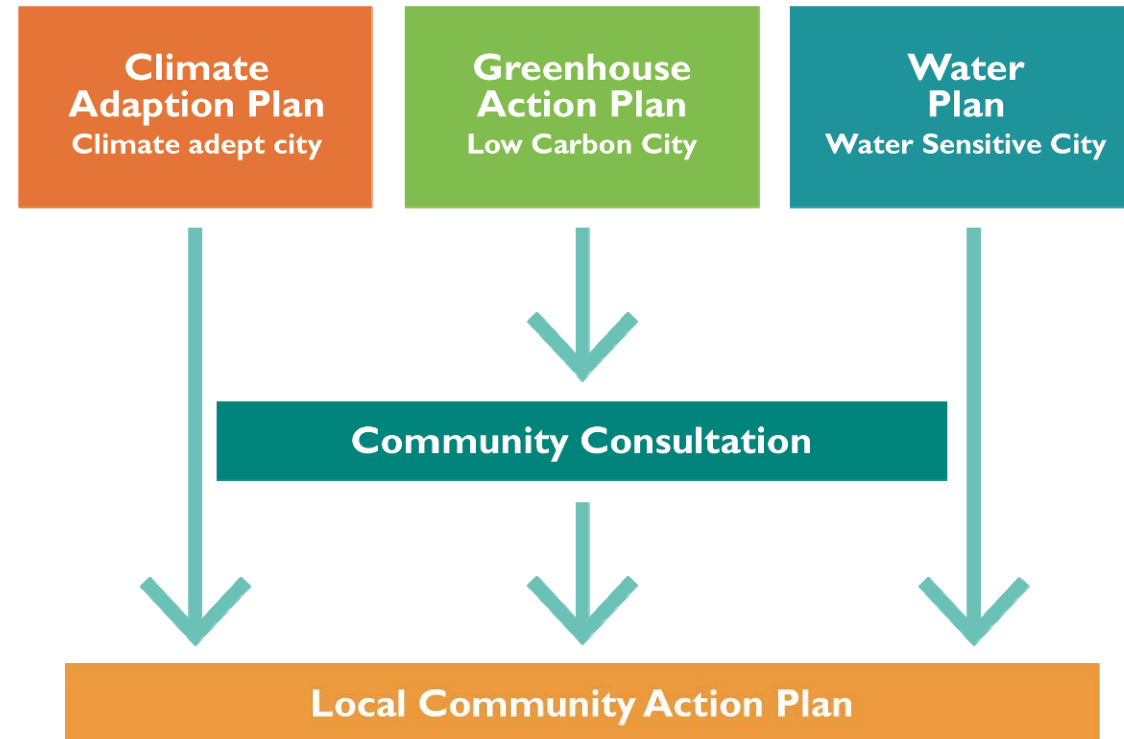
Community - 50% reduction by 2020

Community environment programs for residents
and businesses





Council's Climate Change Response





Joy Humphreys, Facilitator



You may be photographed at this event

Thank you for your participation.
Photographs are kept for our records and used
for publicity in print and online publications.

Please notify the photographer
if you do not wish to be photographed.





Activity I

- Create a headline for a newspaper article in 2020 - think big!

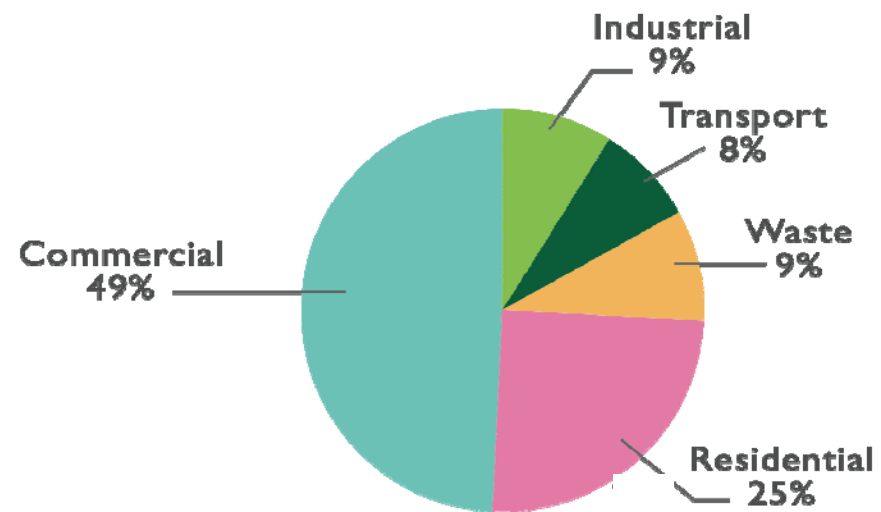




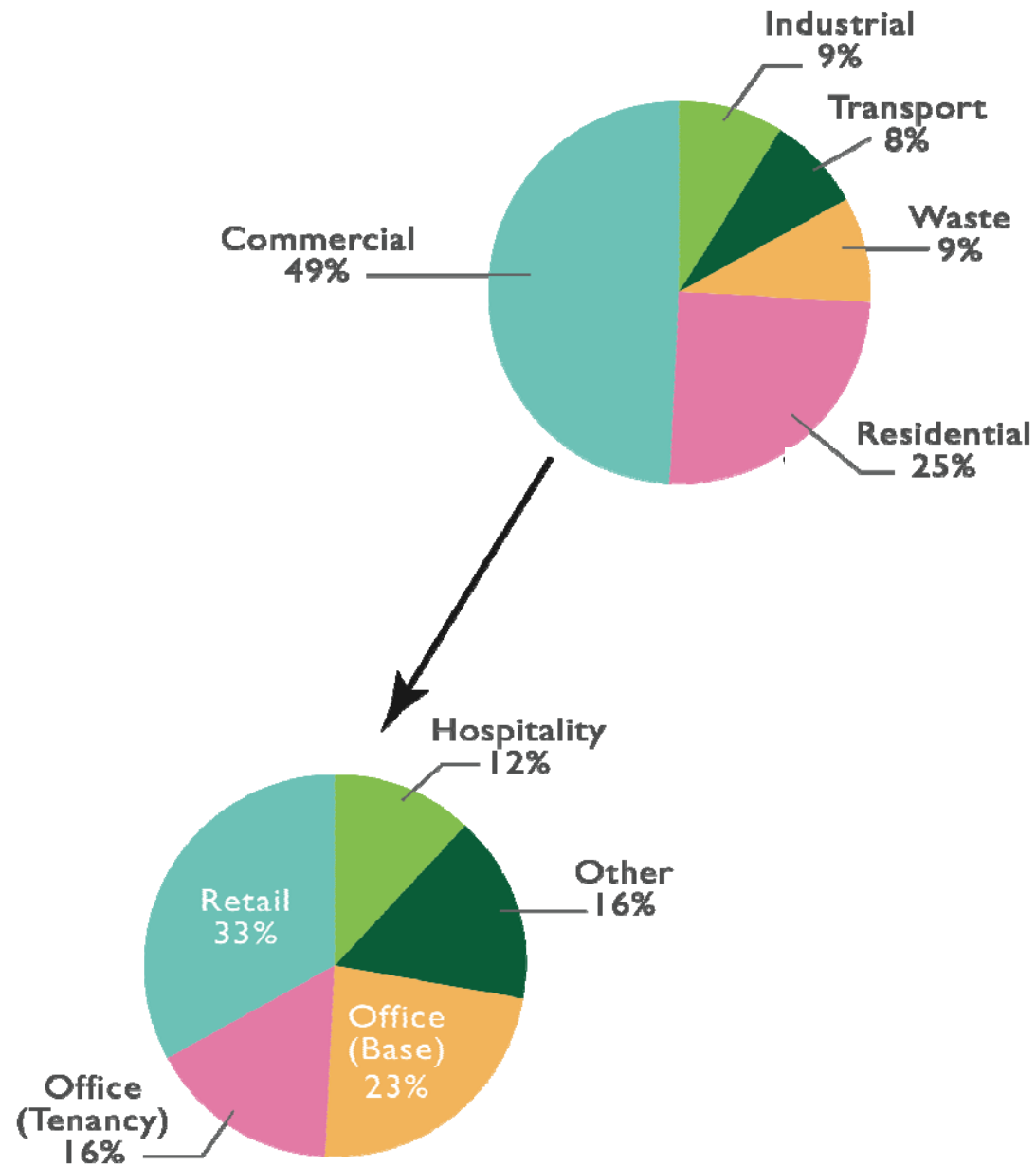
Carbon Emissions in 2010

Josh Russell,
Sustainable Environment Officer

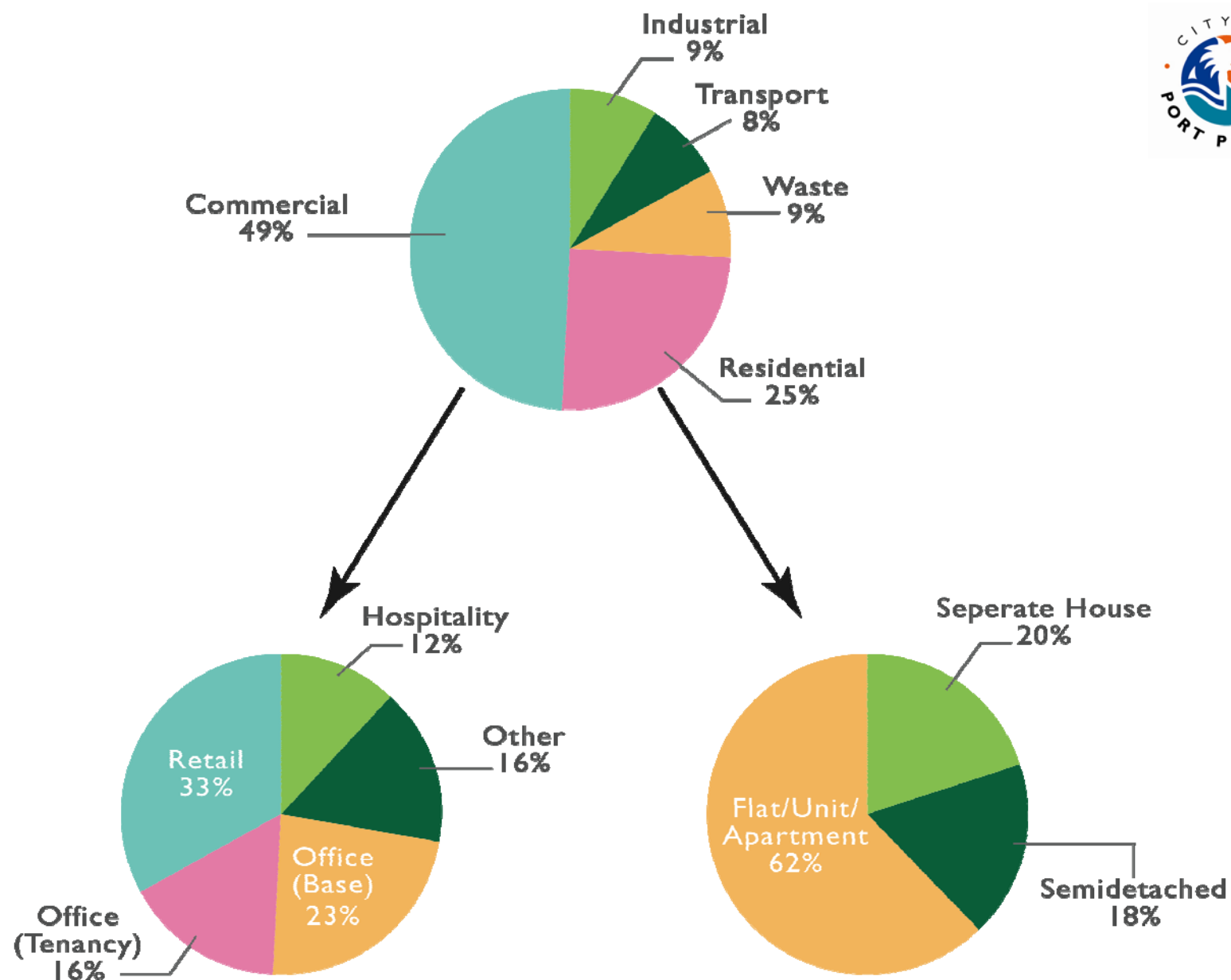




Source: Net Balance

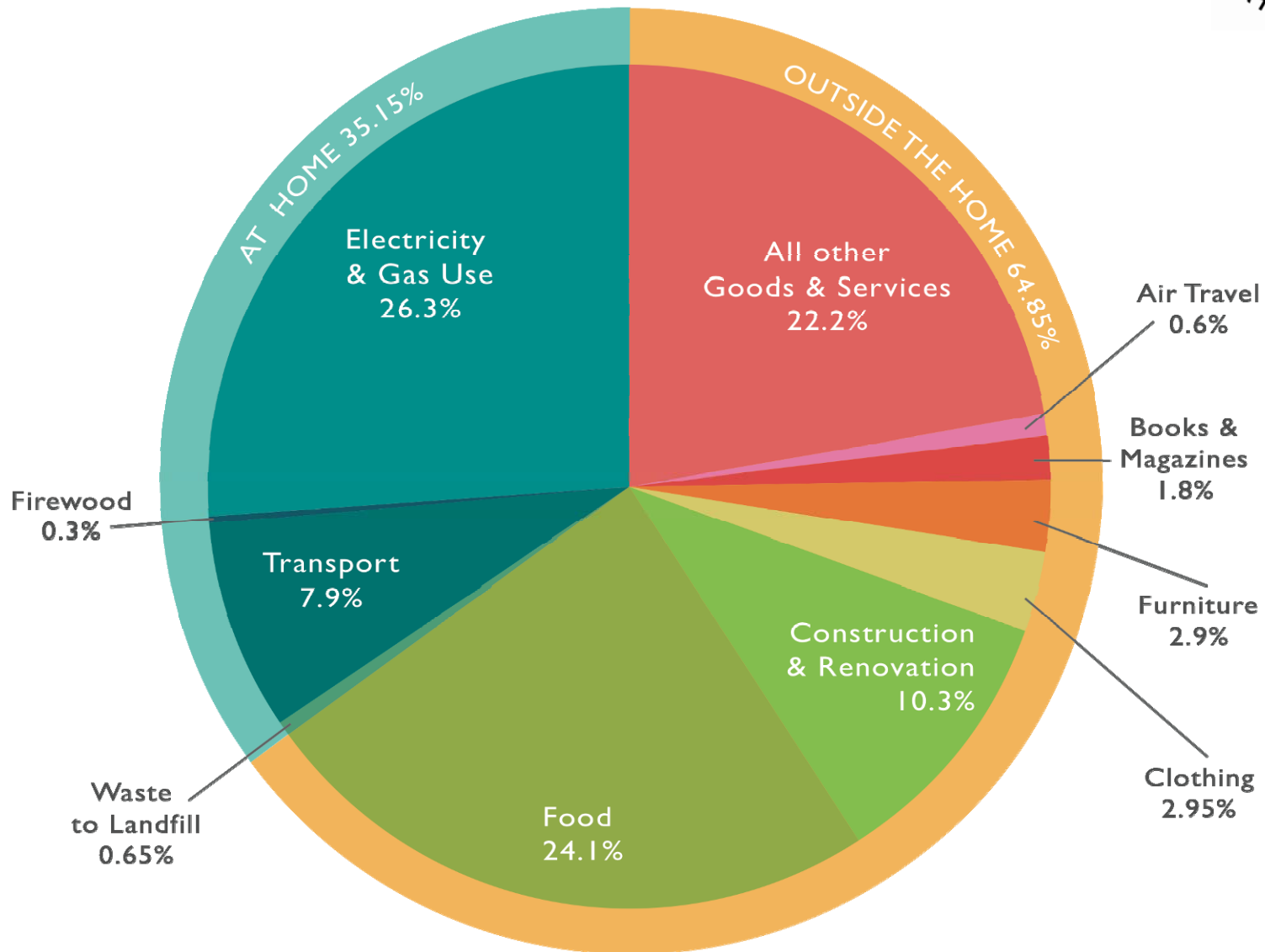


Source: Net Balance



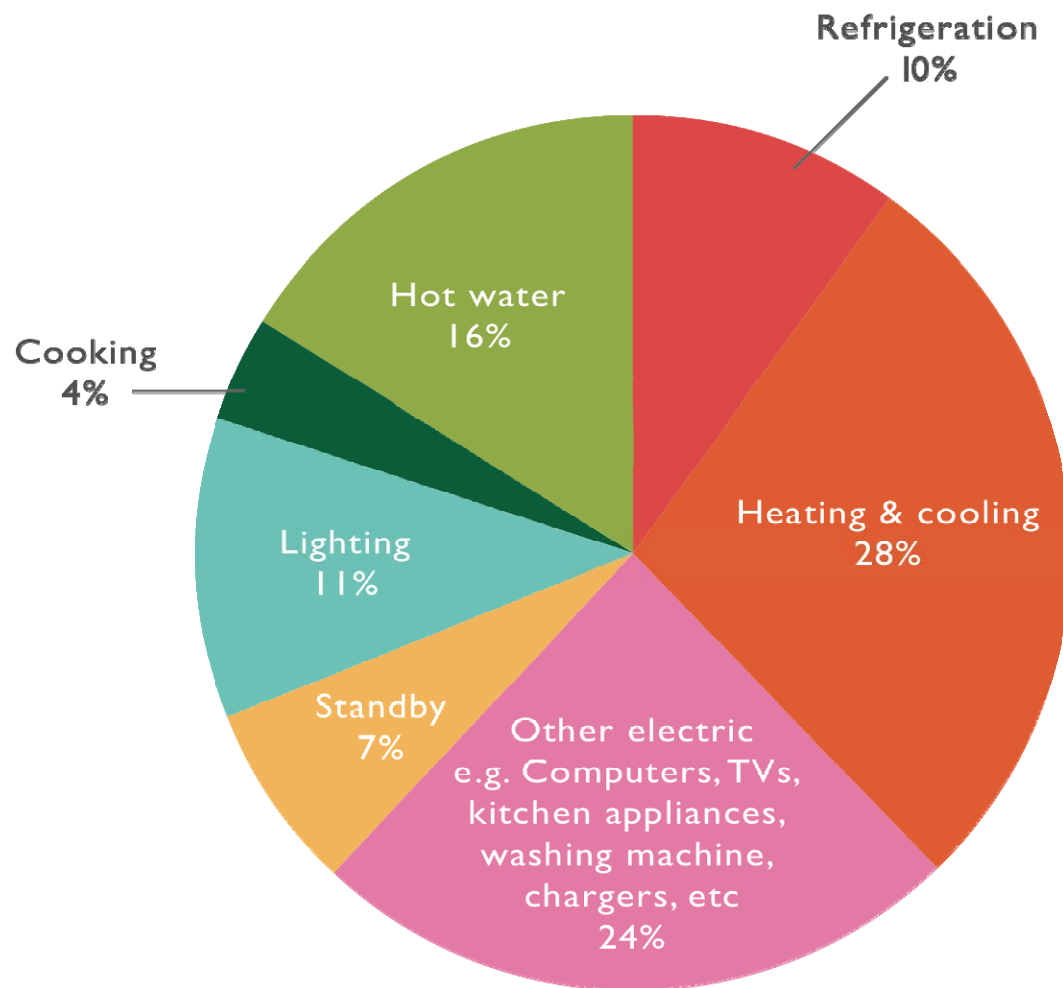
Source: Net Balance

Personal Carbon Emissions



Source: AFC

Emissions Breakdown in the Home

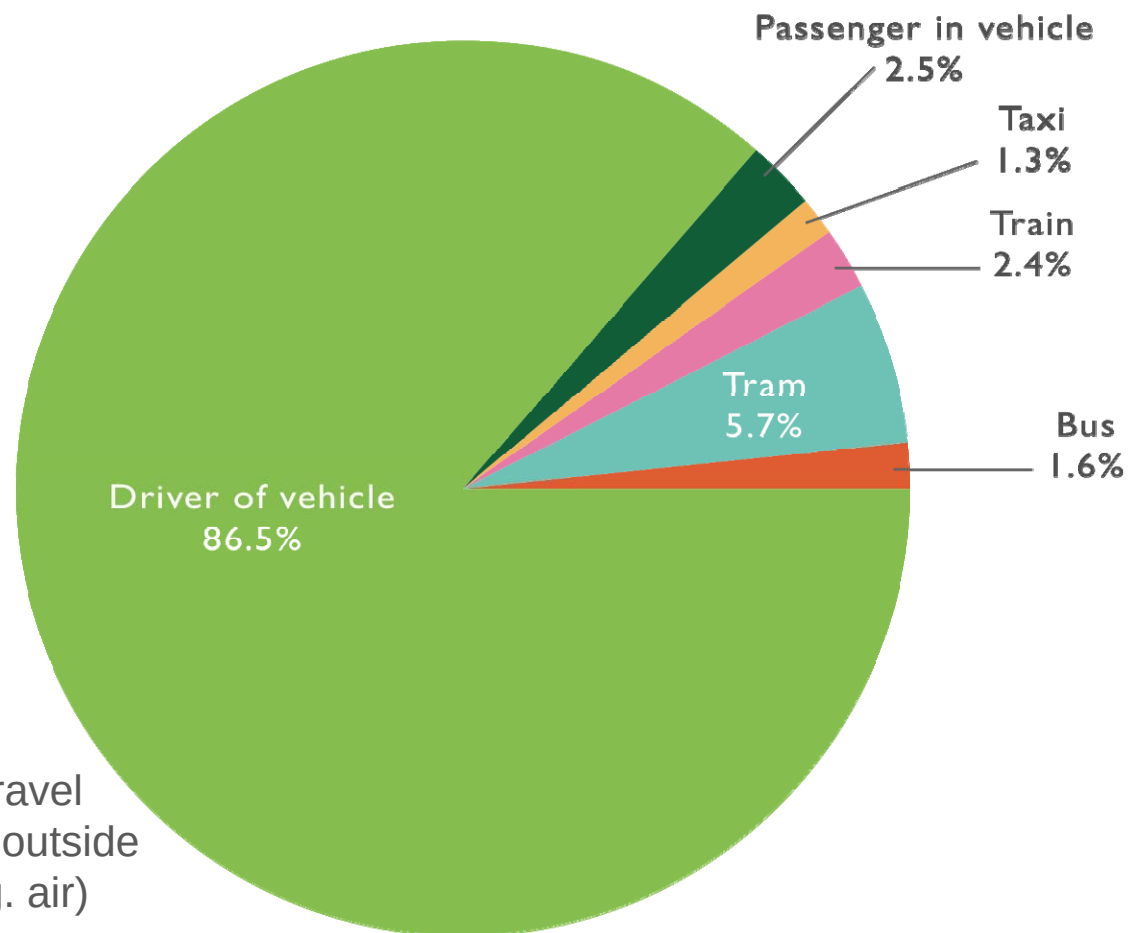


Source: Net Balance



	CoPP %	Metro average %
2 or more televisions sets	39	62
2 or more fridges or stand alone freezers	11	48
Have no motor vehicle	19	8
2 or more motor vehicles	24	54
Solar PV	2	2
Solar hot water	1	2
Insulation in walls ceiling or floor	46	78
Space heating - GAS	44	76
Space heating - ELECTRIC	48	21

Personal Transport – t.CO₂-e per year



Exclusions

- Non-resident travel
- Travel entirely outside municipality (e.g. air)

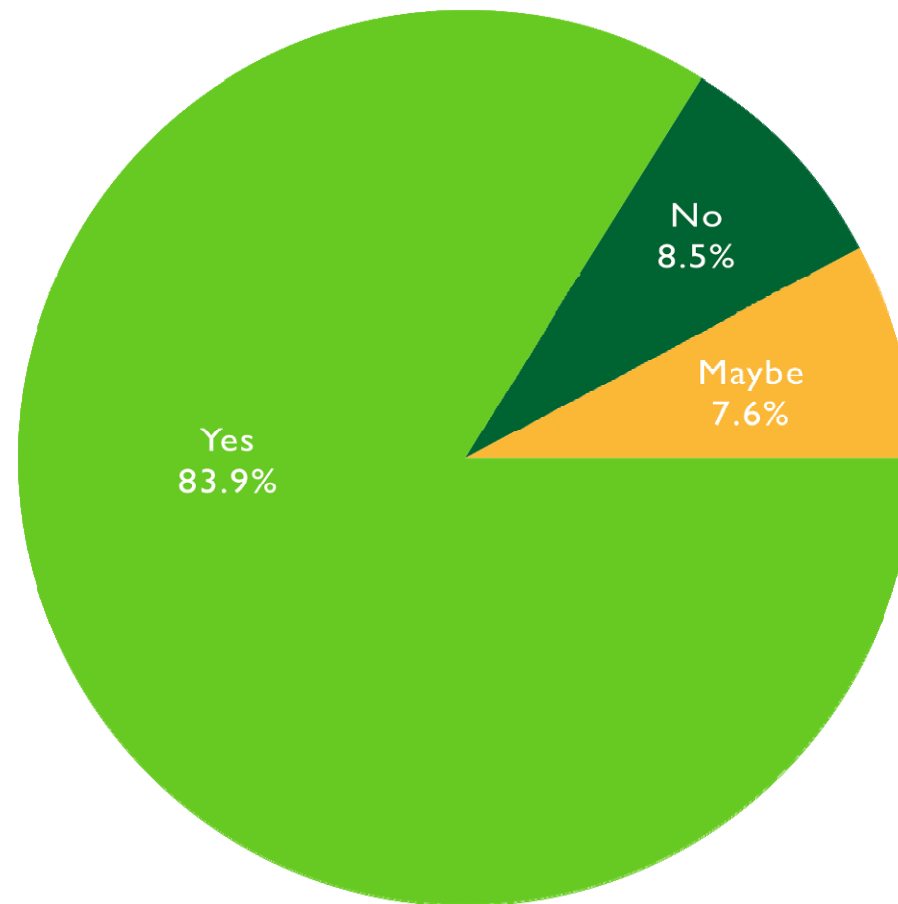
Source: Net Balance



Michaela Lang,
Sustainable Environment Officer

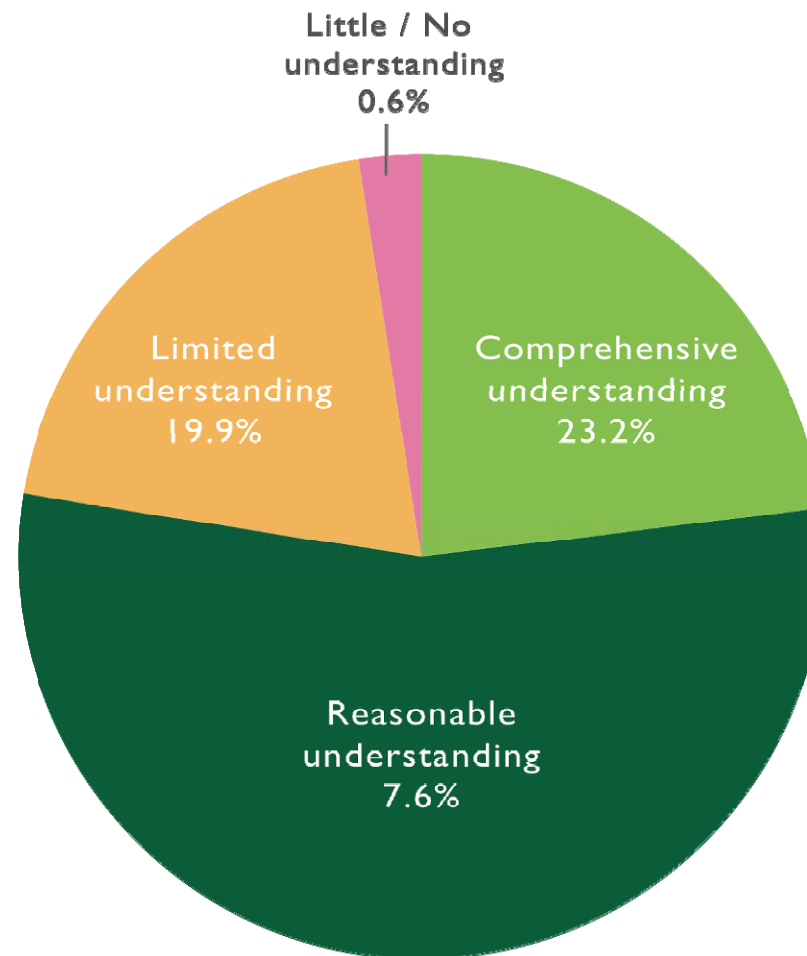


Do you believe that greater action should be taken at local level to reduce greenhouse gas emissions?



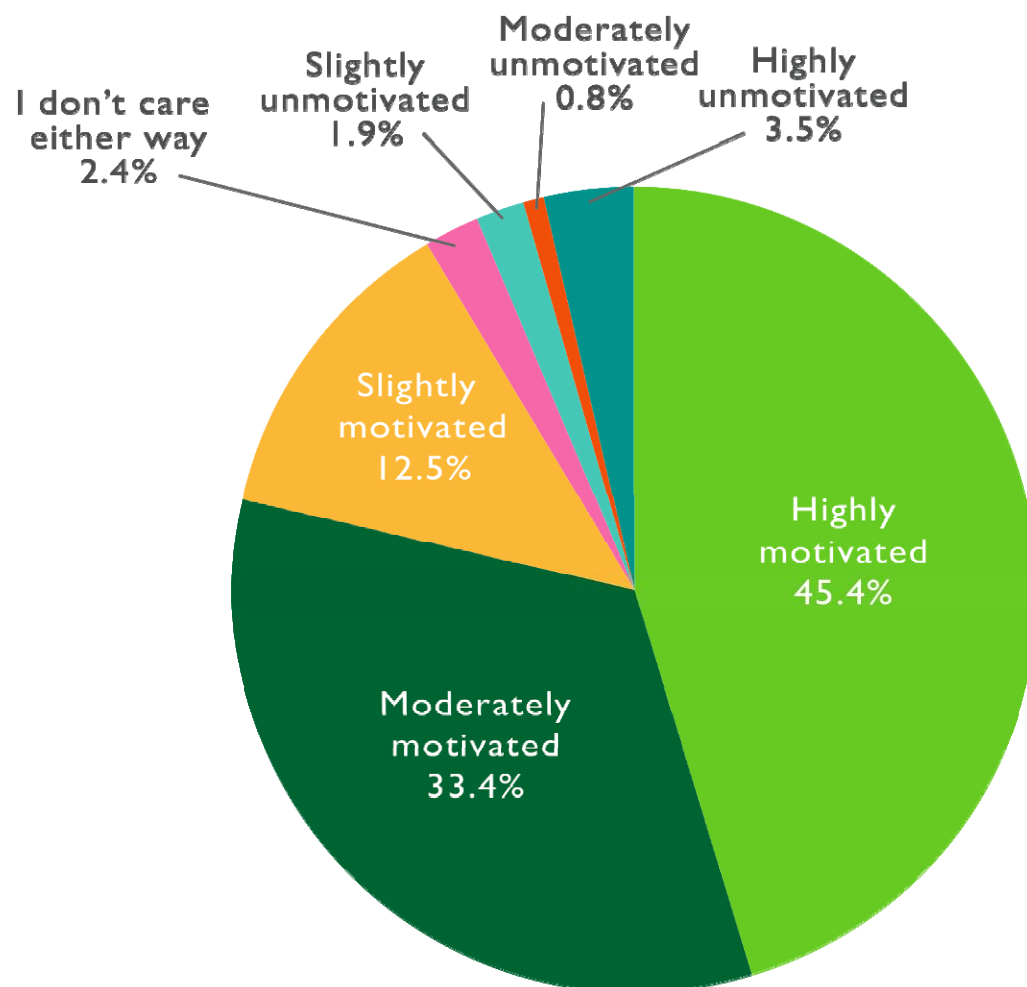
Source: Net Balance

How would you describe your understanding of issues related to greenhouse emissions?



Source: Net Balance

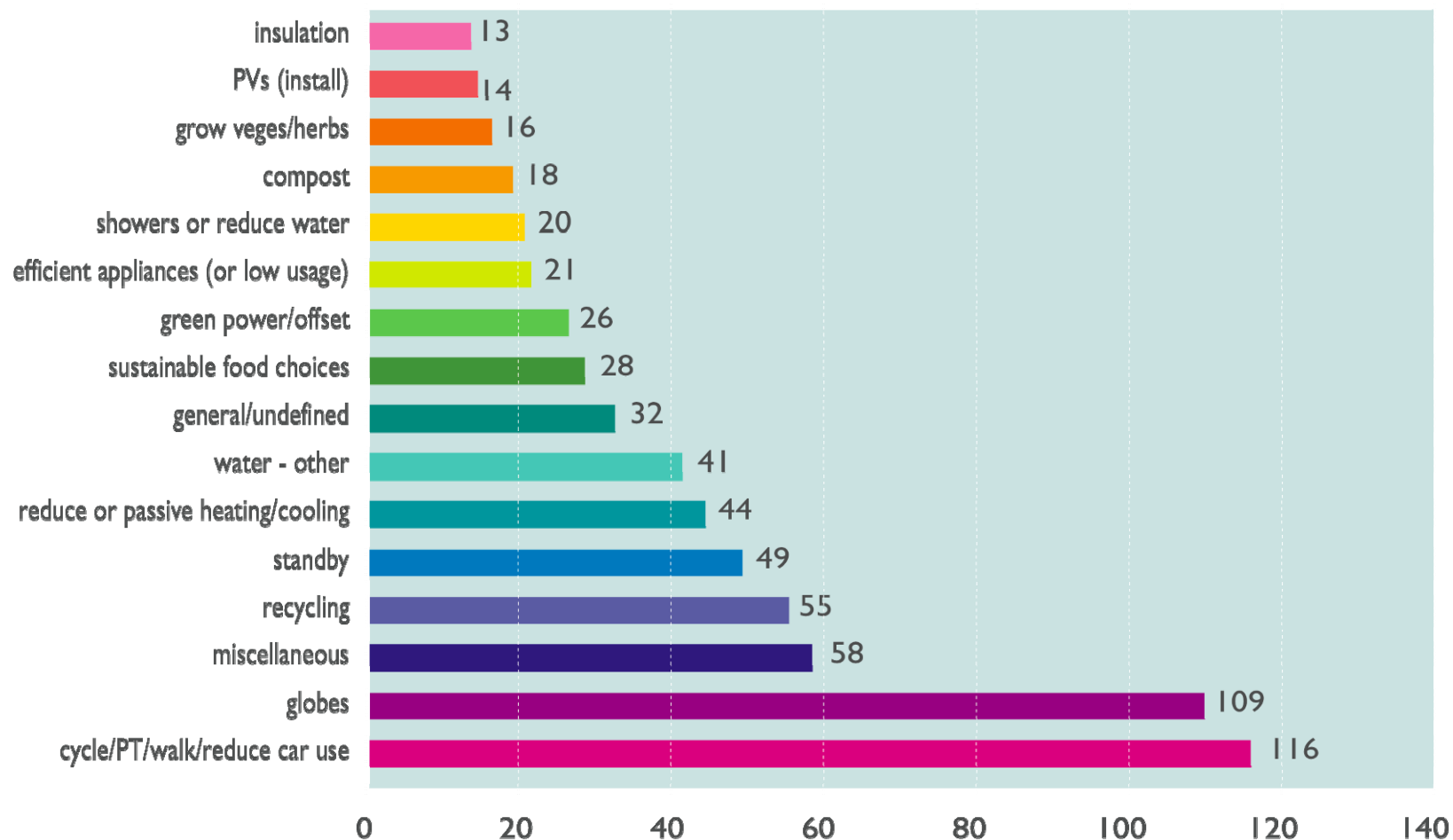
How motivated are you to reduce your personal / household greenhouse gas emissions?



Source: Net Balance



Actions in the past 12 months



Source: Net Balance

Q & A





Potential Actions to Achieve a 50% Reduction



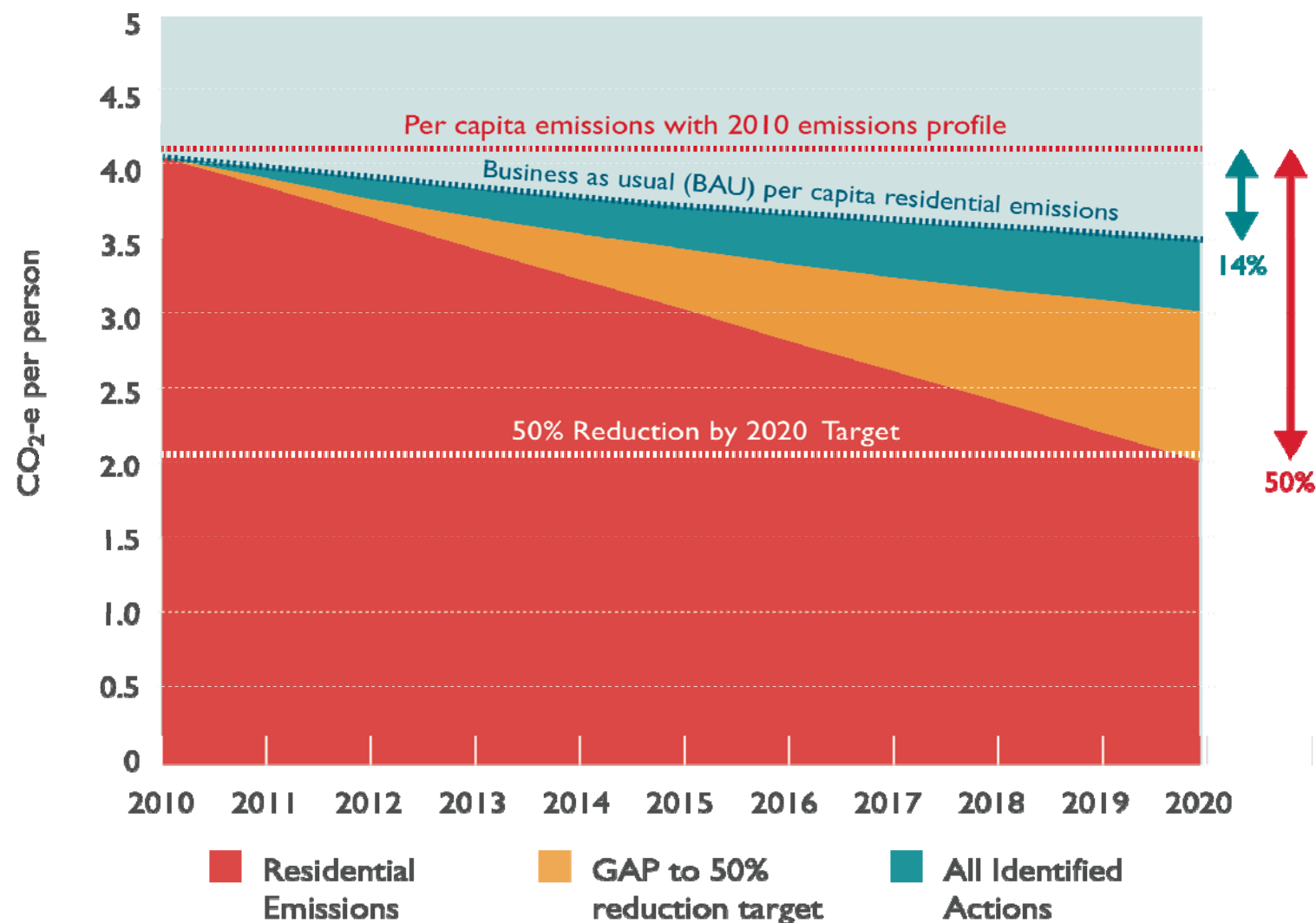
Josh Russell,
Sustainable Environment Officer





Residential GHG Reduction Action Pathway

Emissions per person with 20% renewable energy (current policy)

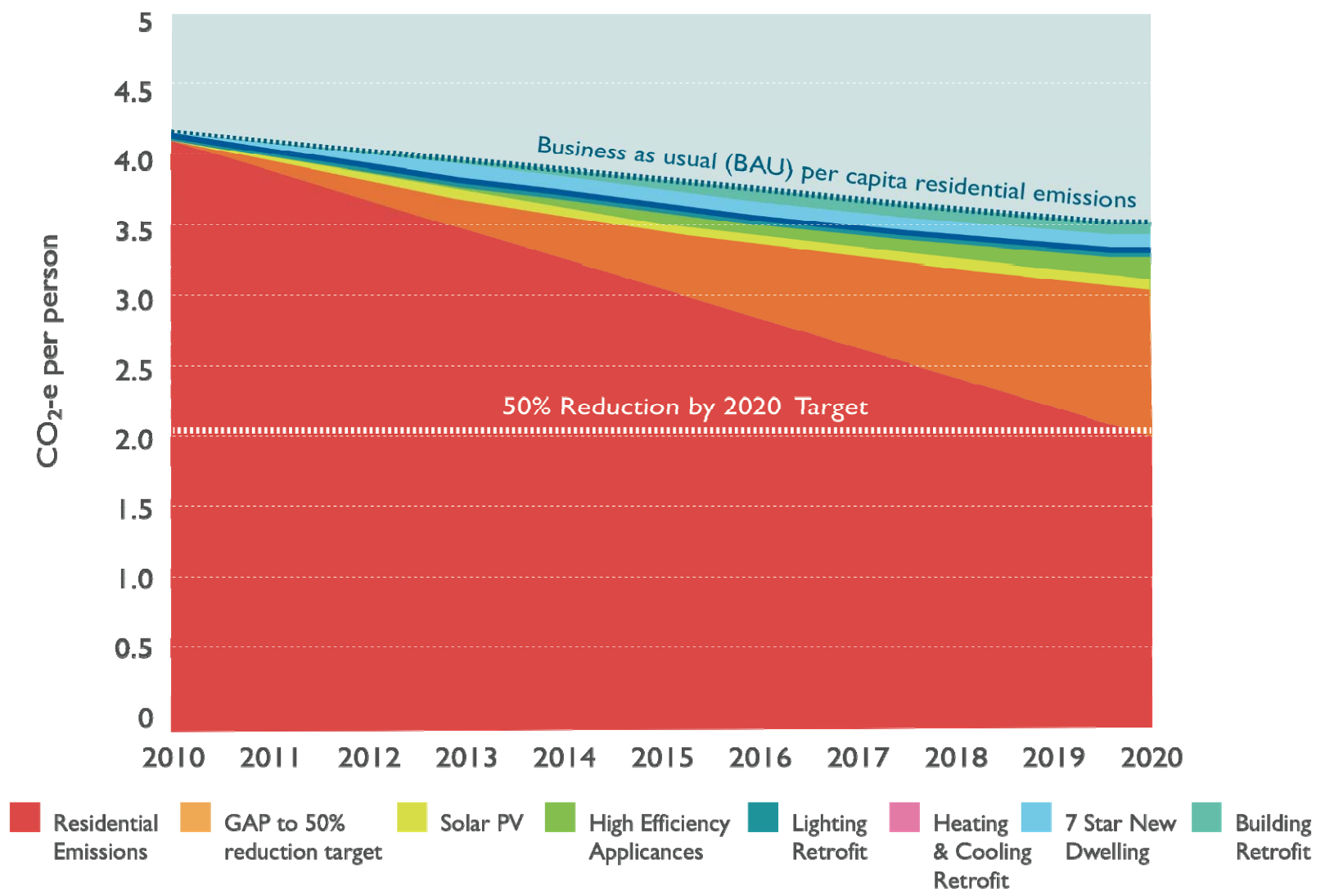


Source: Net Balance



Residential Emissions

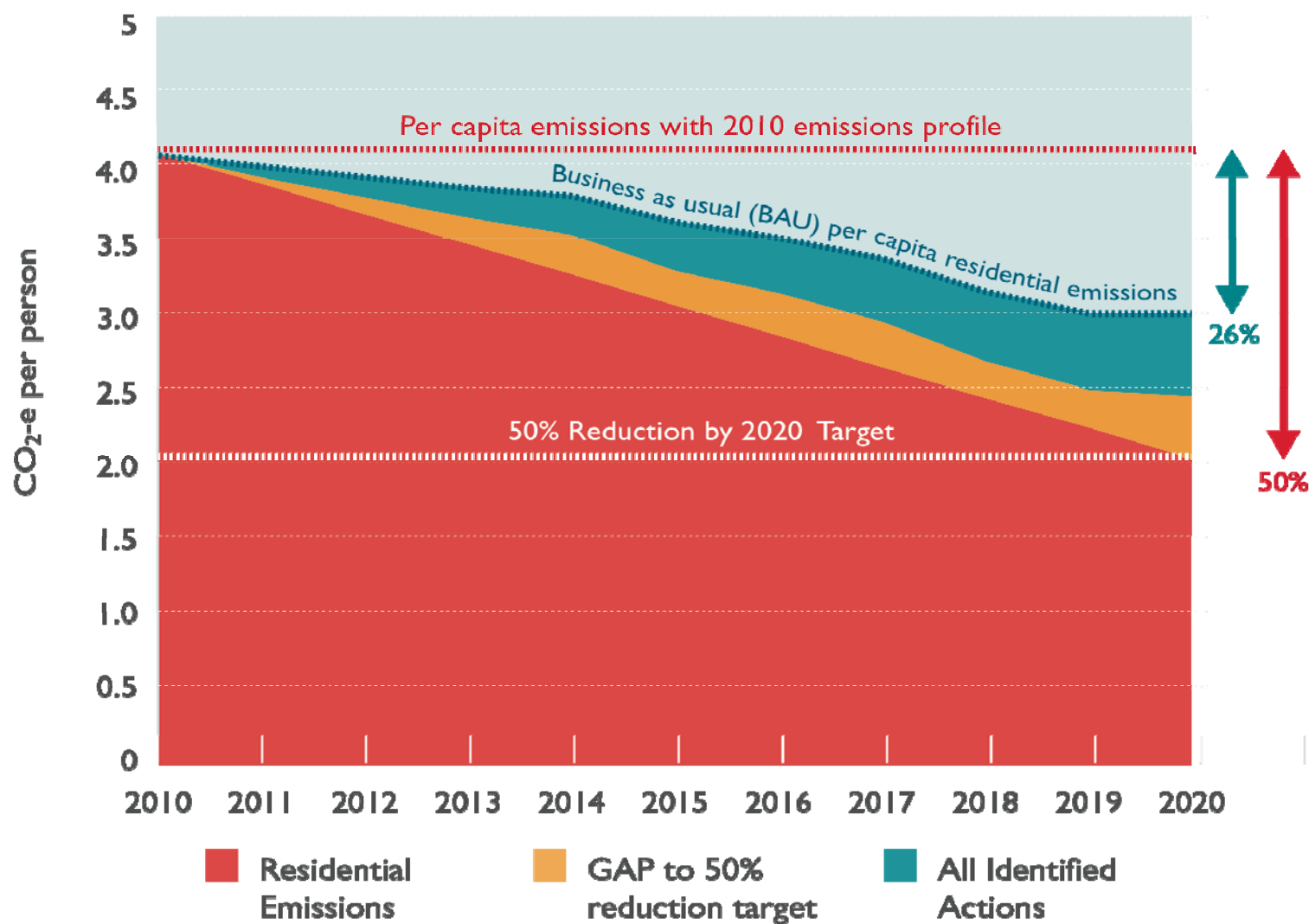
Reductions due to policy and householder actions



Source: Net Balance

Residential GHG Reduction Action Pathway

Emissions per person if renewable energy goes to 30%

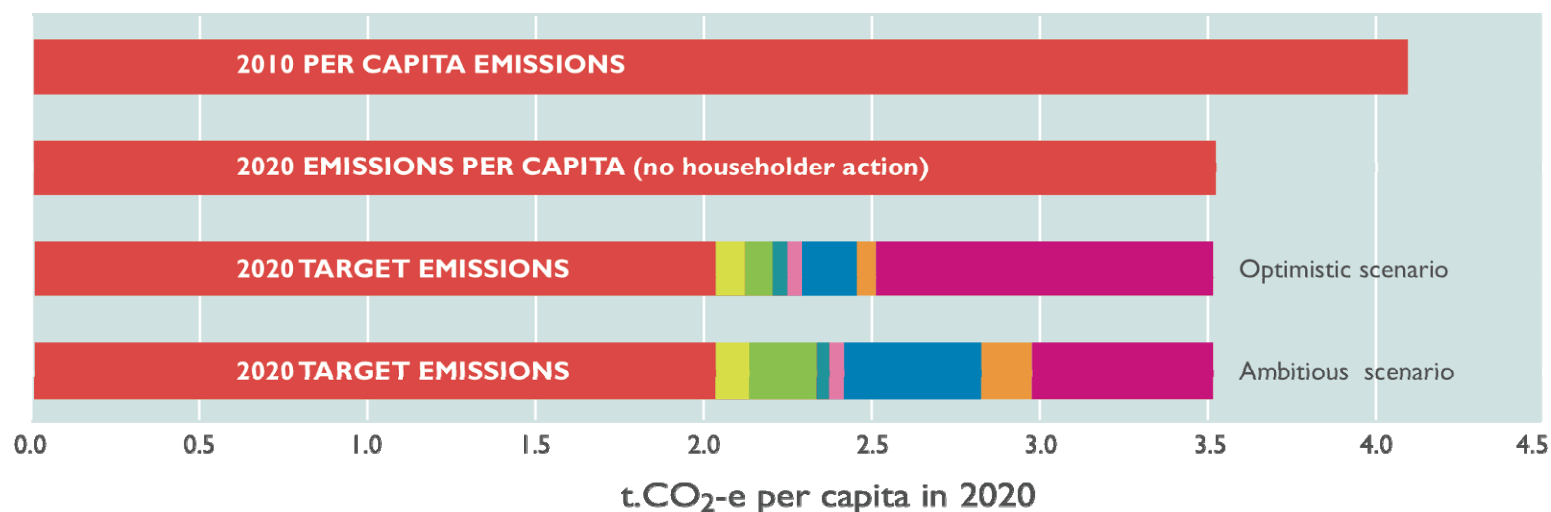


Source: Net Balance



Emissions Reduction

Contribution of householder actions under **existing** policy settings



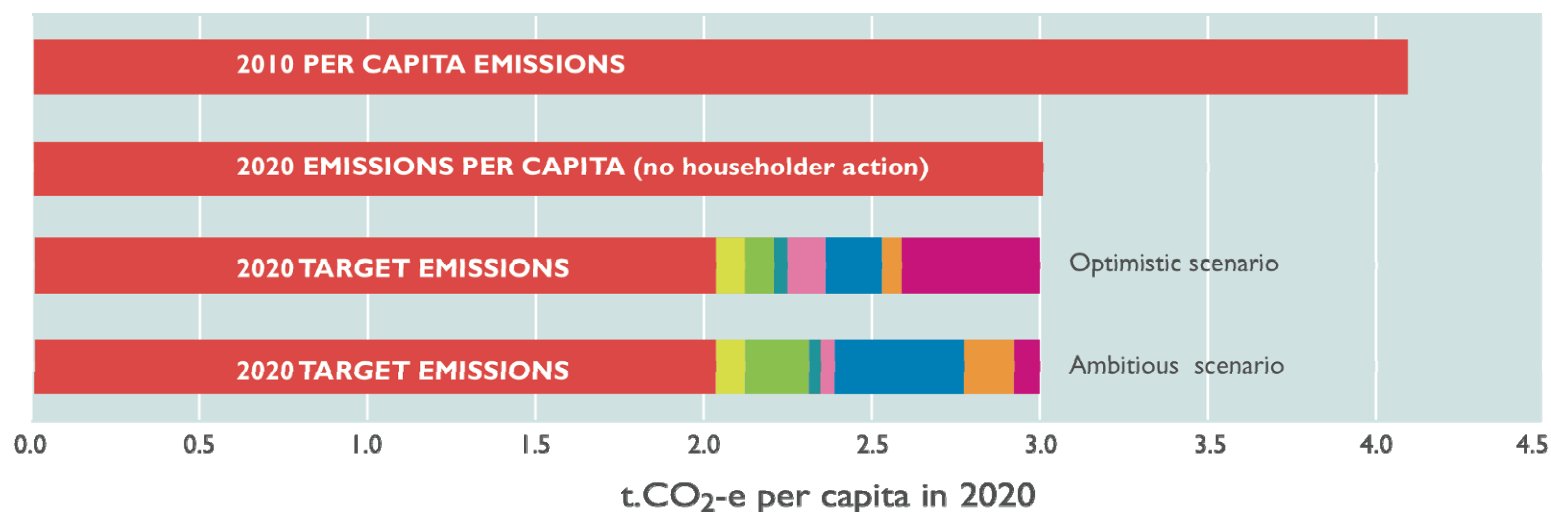
- Residential
- 7 Star new dwellings
- Building retrofit
- Lighting retrofit
- Heating & Cooling retrofit
- High efficiency retrofit
- Solar PV
- Gap to 50% reduction target

Source: Net Balance



Emissions Reduction

Contribution of householder actions under **ambitious** policy settings

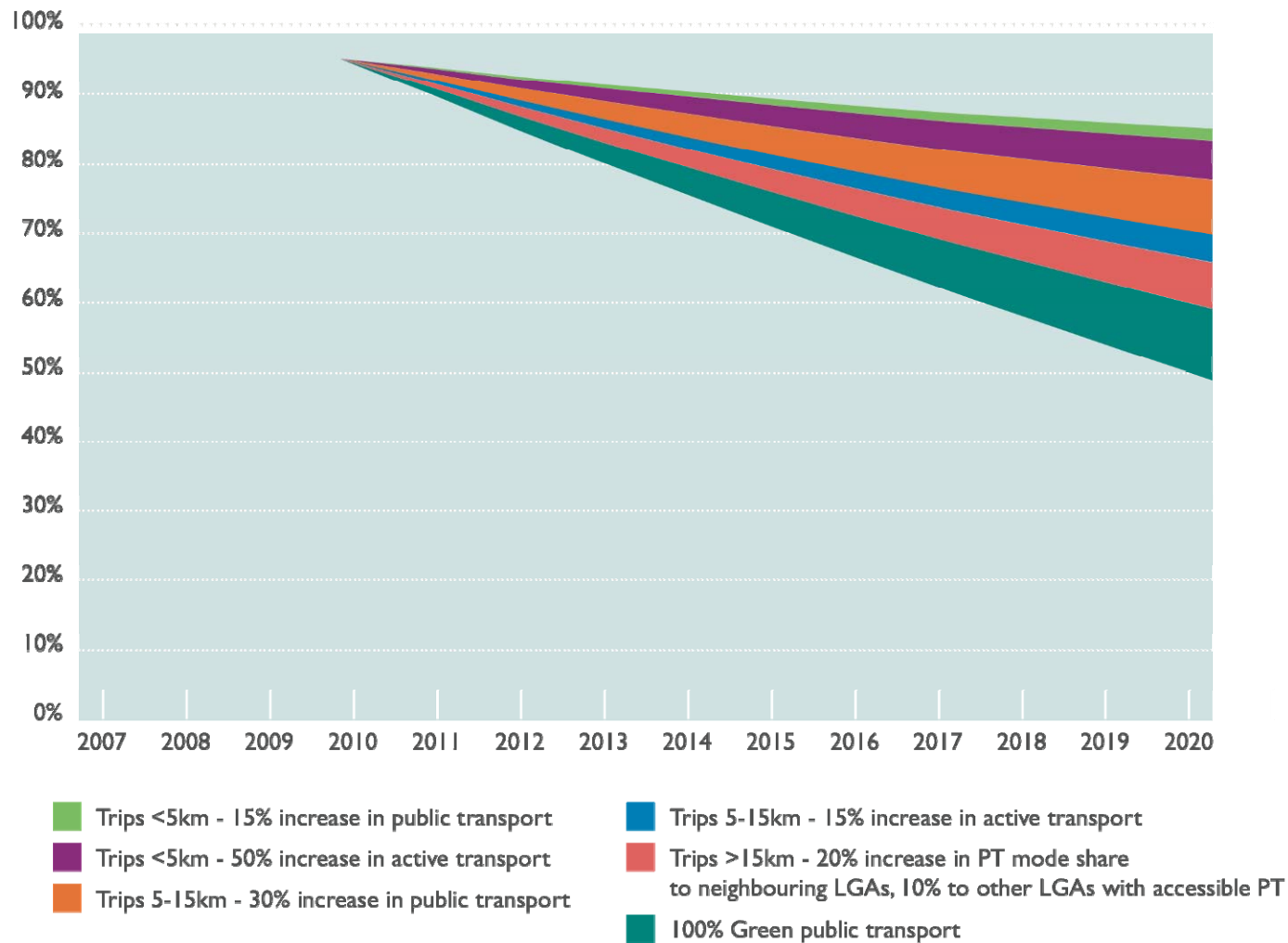


- Residential
- 7 Star new dwellings
- Building retrofit
- Lighting retrofit
- Heating & Cooling retrofit
- High efficiency retrofit
- Solar PV
- Gap to 50% reduction target

Source: Net Balance

Personal Transport

Emissions reduction due to policy and householder actions (uptake of public and active transport)



Source: SKM



Q & A





Activity 2



Café Conversations





Next Steps



Michaela Lang,
Sustainable Environment Officer





Next Steps



- Use the outcomes of the brainstorm workshops and other consultations to develop the Plan
- Draft GAP - consultation 11 May 2011 - will include Council's action plan and the action plan resulting from these workshops. Get involved, bring others.

eHub - www.enviroehub.com.au - for updates, to join the greenhouse discussion forum, to take action today.

