

# Adaptation and Resilience

Workshop Session 2

14.10-14.55

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# Introduction

- Workshop session – need to gather ideas – all have a part to play to enable city and county to deliver on net zero in line with Govt targets
- Our focus – adaptation and resilience
- “In essence, adaptation can be understood as the process of adjusting to the current and future effects of climate change. Mitigation means making the impacts of climate change less severe by preventing or reducing the emission of greenhouse gases (GHG) into the atmosphere.” (EU)
- “The resilient development pathway anticipates, prevents, absorbs and recovers from shocks and stresses, especially those brought about by rapid environmental technological, social and demographic change, and to improve essential basic response structures” (ICLEI)

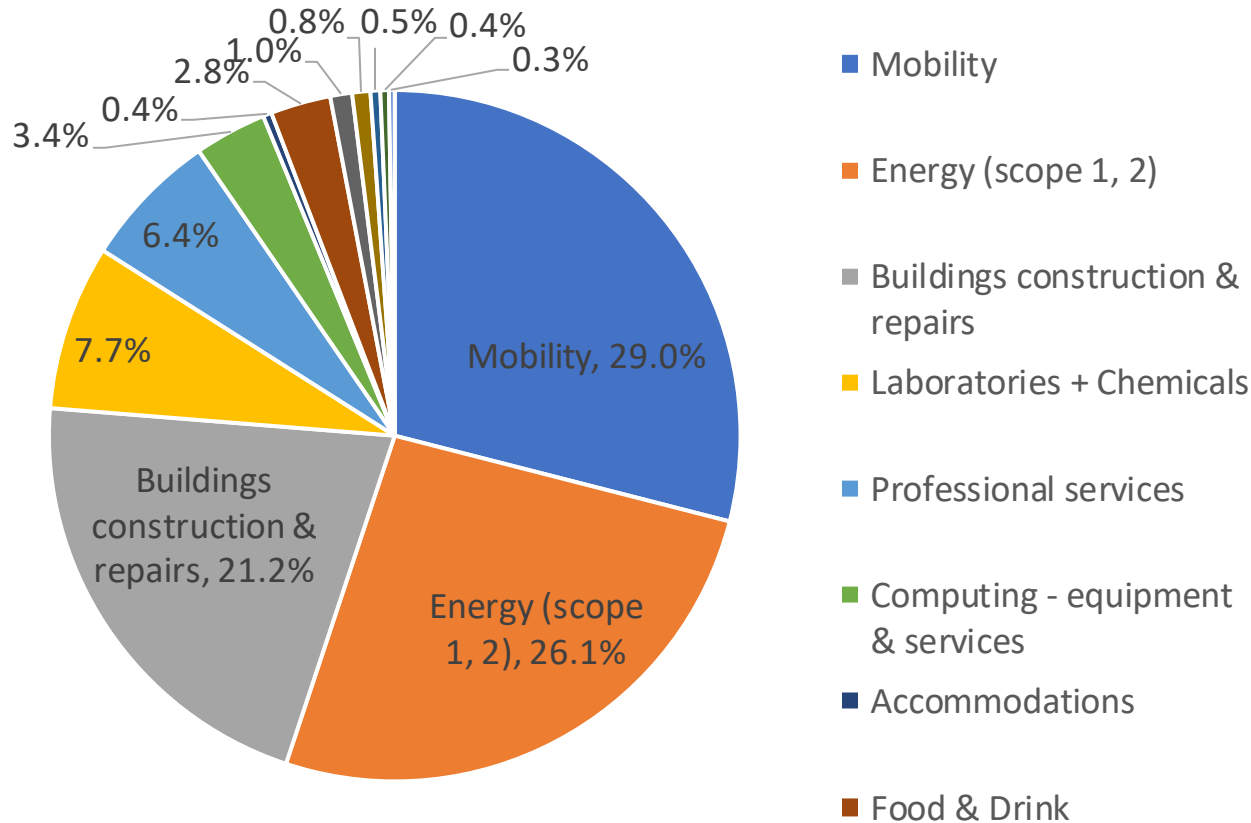


# Themes for discussion

- Do we understand what we need to achieve (breadth and depth);
- Are we clear about directions of travel;
- Do we know enough about our current position
- Do we understand the challenges we face?

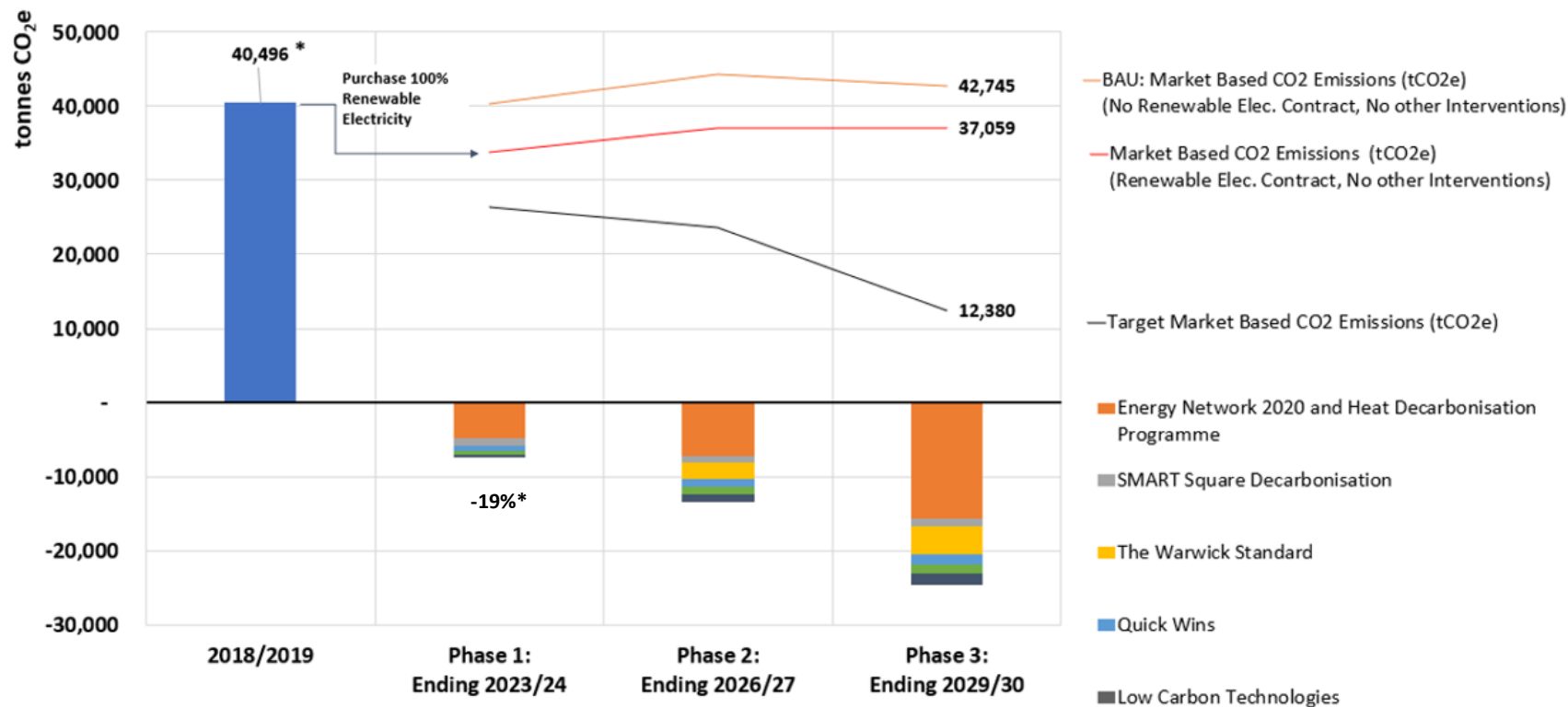


# Understanding current emissions



# Phasing CO<sub>2</sub> Emissions Projections

Scope 1 and 2 Projected Carbon Emission Growth and Savings from Plan



\* 19% Below BAU Scenario with Mixed Source Grid Electricity Supply

# Breadth of Adaptation Strategies

Air Quality	+
Critical Infrastructure	+
Ecosystem Protection	+
Energy	+
Equity and Justice	+
Food and Agriculture	+
Policies and Planning	+
Public Health	+
Solid Waste Management	+
Transportation	+
Water Management	+



# Areas of focus?

- Address emissions v promote sustainability?
- Reducing emissions for homes and businesses
- Transport modal shift
- Waste management, reuse, recycle, recover
- Nature based solutions
- Supporting the who community but consideration of justice for those on low incomes
- Raising awareness
- Supporting business
- And.....



# The questions we need to answer today?

As a region and city, as a network of public sector actors, as a community, how to ensure we are able to adapt to the changes that we cannot stop?

What do we need to do to become resilient in the face of climate change?

At a high level – we know where we need to go net zero but beyond net zero because sustainability is broader

1. What are the top three priorities and challenges?
2. What are the key enablers?
3. Who needs to be involved to mobilise action in the area?
4. How can we support behaviour change and ensure our actions are equitable



# Adaptation and Resilience



What are the top three priorities and challenges?

- 1.
- 2.
- 3.

Who needs to be involved to mobilise action in the area?

- Xx
- X
- X

What are the key enablers?

- xx
- Xx
- xx

How can we support behaviour change and ensure our actions are equitable?

- Xx
- X
- x

