

# Climate Action Plan Update

Divindy Grant

24 AUGUST 2022

# What is the PKC Climate Change Strategy and Action Plan

Long-term Outcomes

**6 overarching objectives**



Council Commitments

**36 commitments by the Council required to achieve the outcomes**

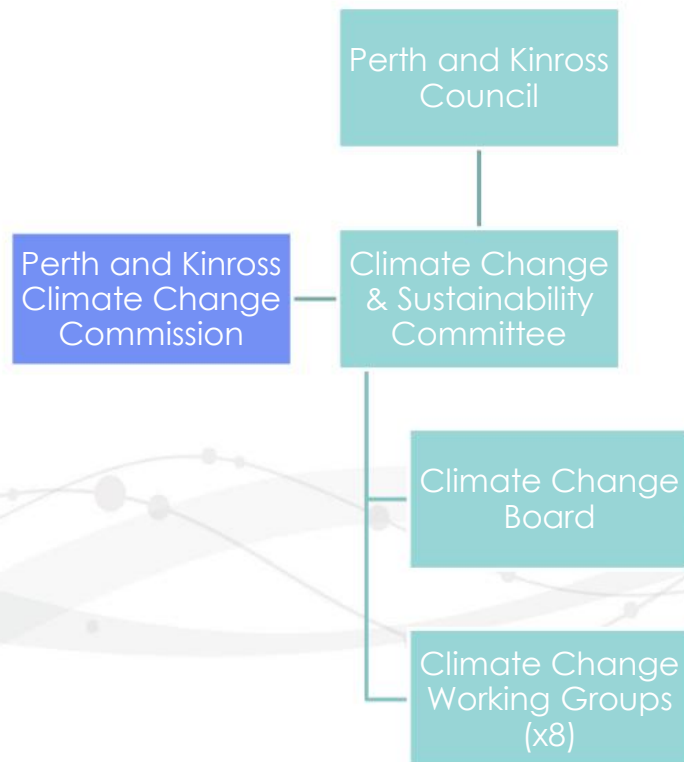


Action Plans

**An action plan split into eight key climate action sectors updated annually**



# Climate Change Governance & Delivery Structure



- ▶ Transport – Alex Deans
- ▶ Buildings & Energy - Grant Key and Nicola Lennon
- ▶ Waste – Sheila Best
- ▶ Land Use – Ben Wilson and Brenda Murray
- ▶ Business and Industry – Serge Merone
- ▶ Resilience – Divindy Grant
- ▶ Education & Engagement – Scott Nicoll
- ▶ Governance – Lisa Simpson

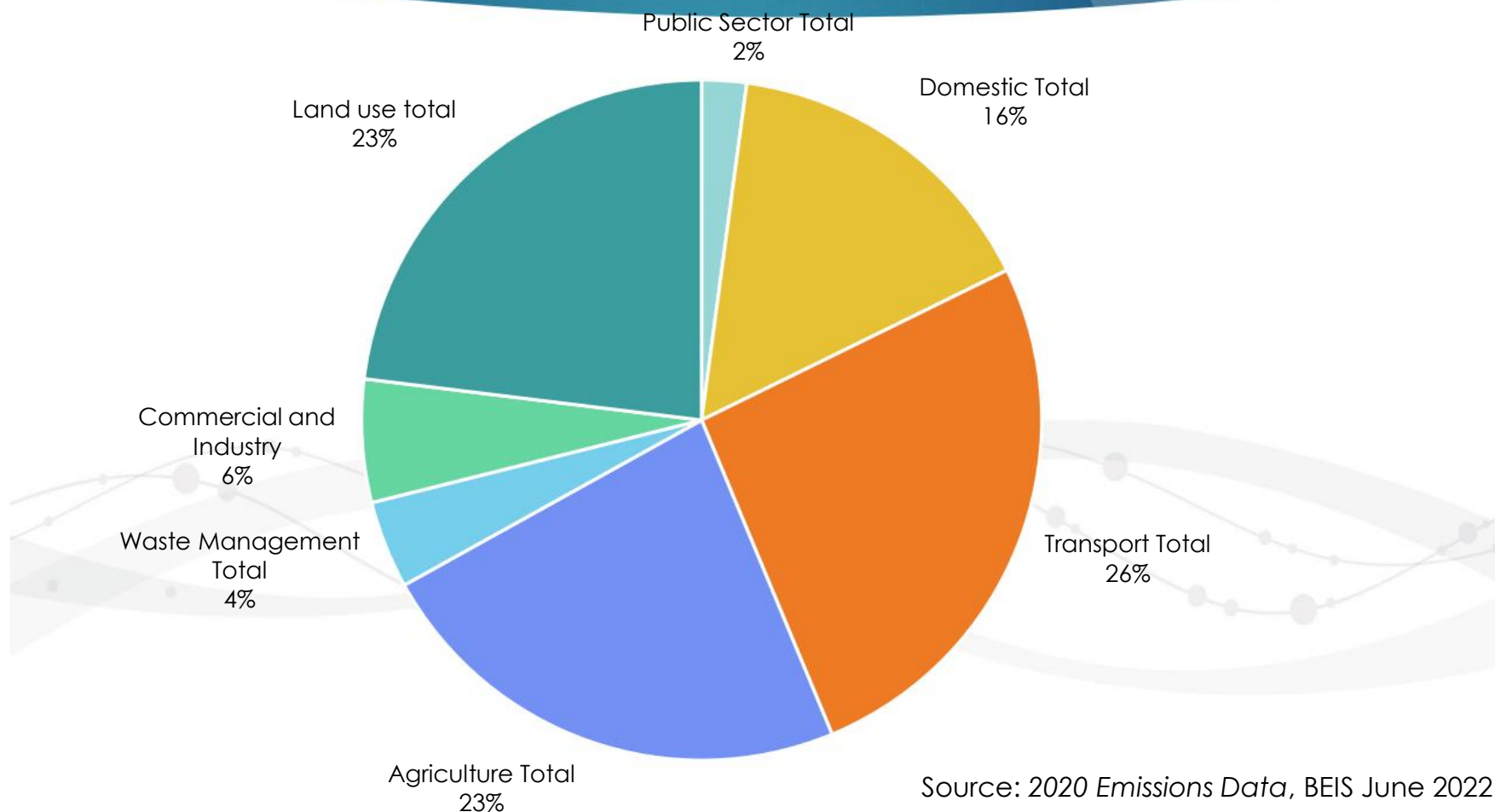
# Working with the Perth & Kinross Climate Change Commission (PKCCC)

- ▶ Members include the Convener and Vice-Convener of the CC&S Committee
- ▶ Independent from the Council
- ▶ Terms of reference of the PKCCC includes:
  - Scrutinise the initial Council roadmap and shape the expansion and further development of the roadmap to include other actors
  - Identify ideas and good practice that should be promoted.
  - Develop a means for effectively engaging children and young people in the Commission's work.
  - Champion climate change and priority actions throughout Perth and Kinross
  - Use its influence across the public sector, private sector and in our communities to drive urgent action
  - Promote community climate change engagement
  - Consider the interconnections with other ongoing pressures (e.g. biodiversity, cost of living).

# OUTCOME 1

ACHIEVING NET  
ZERO ALIGNED WITH  
THE PARIS  
AGREEMENT AND  
THE SCOTTISH  
GOVERNMENT  
TARGETS, WITH THE  
AMBITION OF  
ACHIEVING THEM  
SOONER

# Where do our emissions come from?



## The Big 5 (88%)

Transport (26%)

Agriculture (23%)

Land Use – Emission (23%)

Domestic Energy (16%)

Land Use Sequestration (-27%)

# The Influencers

- ▶ Business and Industry Energy(6%)

**Supply chains, employee & business travel, green skills**

- ▶ Waste (4%)

**Much larger impact when look at upstream impacts**

- ▶ Public Sector Energy(2%)

**~65% overall emissions within PKC scope of influence**



# How much progress have we made?

| Emission Category                    | Reduction<br>2019 to 2020 | Reduction 2005 to<br>2020 |
|--------------------------------------|---------------------------|---------------------------|
| Public Sector                        | 8%                        | 49%                       |
| Domestic                             | 4%                        | 43%                       |
| Transport                            | 23%                       | 29%                       |
| Agriculture                          | 6%                        |                           |
| Waste Management                     | 7%                        |                           |
| Commercial and Industry              | 17%                       | 61%                       |
| Land use emissions                   | 0%                        | 11%                       |
| Net Sequestration                    | 3%                        | -12%                      |
| <b>Total including sequestration</b> | <b>16%</b>                | <b>46%</b>                |

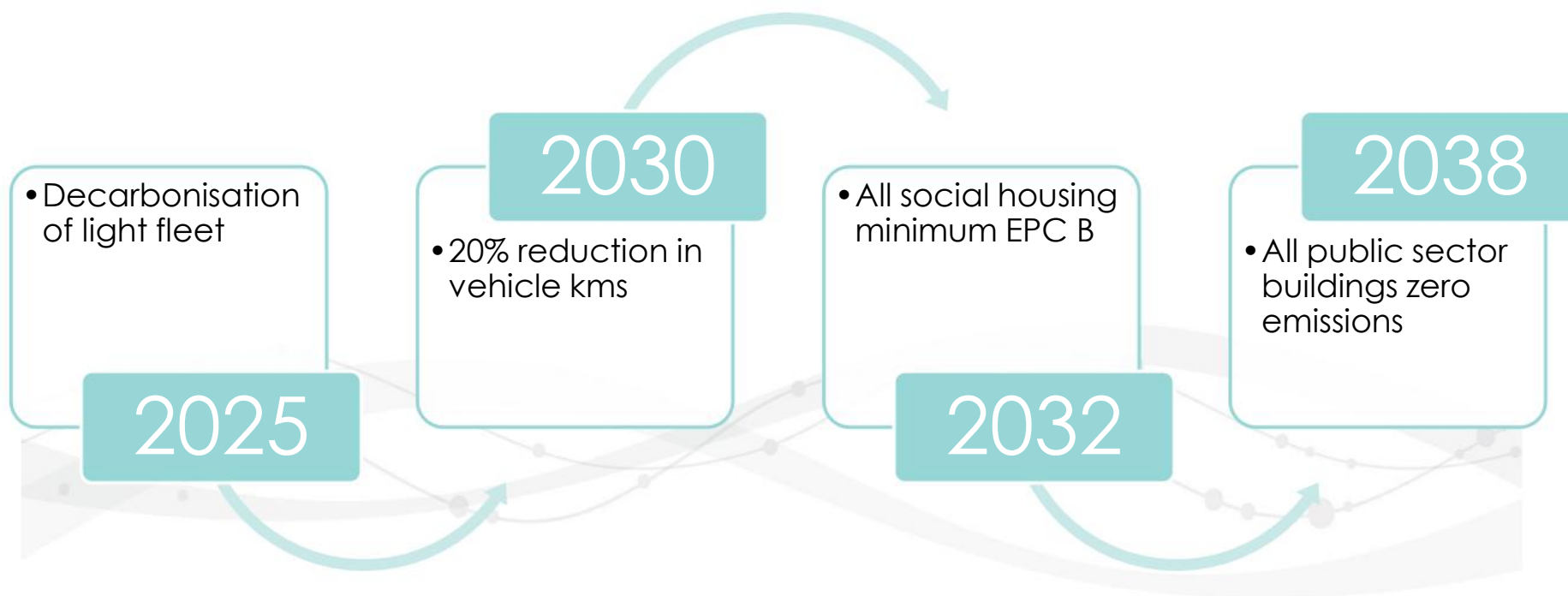
# Where do we need to be?

Whether a 1.5 degree world is possible depends on actions over the next 8 years

- ▶ 2030 – 75% ( ~42% cut from 2020 levels)
- ▶ 2040 - 90% (~64% cut from 2020)
- ▶ 2045 – Net zero



# Selected interim targets



# OUTCOME 2

## BUILDING A MORE RESILIENT PERTH AND KINROSS

# Climate Resilience

## Key Themes in the CAP

- ▶ Resilient organisations
- ▶ Resilient and empowered communities
- ▶ Resilient infrastructure
- ▶ Flood risk management
- ▶ Resilient ecosystems

## Key Actions

- ▶ Undertake a strategic climate change risk and opportunity assessment for Perth and Kinross
- ▶ Continue to deliver Flood Management Schemes
- ▶ Support community groups and Communities Resilience Forums to address challenges to ensure communities adapt to climate change
- ▶ Develop and implement bridge scour protection programme
- ▶ Continue to work with Tayside Local Resilience Partnership and explore potential of expanding remit to wider climate focus

## OUTCOME 3

ENSURING CLIMATE  
ACTION IS FAIR AND  
BENEFITS ALL AND  
WE DELIVER A  
GREEN RECOVERY  
TO COVID-19

# Key Actions

- ▶ Strong linkages with the on-going cost of living crises
  - ▶ Expansion of home energy advice
  - ▶ Cost and climate campaign
- ▶ CPP Working Group and feeding into the Local Outcome Improvement Plan
- ▶ Ensure climate action addresses rural, as well as more urban, climate challenges
- ▶ Improve the energy efficiency of our social housing estate and encourage our partners to do the same
- ▶ Identify and address skills shortage in business and industry with key employers including in the supply chain
- ▶ Work with businesses in developing transition plans identify the skills needed for a green economy

# OUTCOME 4

ENHANCING  
BIODIVERSITY TO  
HELP AVOID AN  
ECOLOGICAL  
EMERGENCY



# Land use and climate resilience

## Key Themes in the CAP

- ▶ Strengthening Planning
- ▶ Rural Land use and carbon sequestration
- ▶ Biodiversity
- ▶ Greenspace
- ▶ Resilient ecosystems

## Key Actions

- ▶ Develop landscape scale pilot project with partners (In conjunction with Perthshire Nature Connections Partnership)
- ▶ Identify opportunities for afforestation and peatland restoration across Perth and Kinross
- ▶ Accelerate delivery of the Tayside Local Biodiversity Action Plan (LBAP) 2016-26
- ▶ Develop Biodiversity Villages, Neighbourhoods and Towns Initiative

# OUTCOME 5

ENGAGING  
AND  
EMPOWERING  
CHILDREN AND  
YOUNG PEOPLE  
TO TAKE ACTION  
ON CLIMATE  
CHANGE

# Key Actions

- ▶ 25% youth representation on Climate Commission
- ▶ Representation on Climate Change and Sustainability Committee
- ▶ Youth Climate Conference (November 2022)
- ▶ Energy Sparks in Schools
- ▶ Ensure the curriculum supports learning about the causes and effects of climate change
- ▶ Set a good example by minimising the greenhouse gas emissions within the school estate by ensuring best practice is adopted

## OUTCOME 6

EMPOWERING  
OUR  
COMMUNITIES  
AND BUSINESSES  
TO TAKE  
CLIMATE  
ACTION IN LINE  
WITH THE PERTH  
AND KINROSS  
OFFER

# Community activities map

## Communities & Climate Change

Did you know all this is happening across Perth and Kinross?

25% of the people that responded to our climate change survey are already involved in local groups that are taking action to tackle and/or adapt to climate change while 25% are not but would like to get involved.

To find out more details or tell us about a new project, please scan the QR code.



Find out more about  
Climate cafés



Find out more about  
Biodiversity villages



Find out more about  
Kinross car share scheme



Find out more about  
Local food growing  
initiatives scheme



**everyone** The Perth & Kinross Offer  
has something to offer

# LOOKING FORWARD



# Focus of next few months

- ▶ Annual review and update of action plan (November)
- ▶ Annual Public Sector Reporting Duty (November)
- ▶ Progress on key strategies
  - ▶ Mobility
  - ▶ Local Heat and Energy Strategy
  - ▶ Estate Decarbonisation Strategy
- ▶ Supporting our communities
  - ▶ NRF
  - ▶ Cost of living
  - ▶ Community groups



# Member training opportunities

- ▶ Climate Literacy Training - 1 day
- ▶ Climate Emergency Training (2.5 hours) – All Members





# Website and social media



**Perth and Kinross Climate Action**



**@pkclimate\_a**



**pkclimateaction**



**[www.pkclimateaction.co.uk](http://www.pkclimateaction.co.uk)**

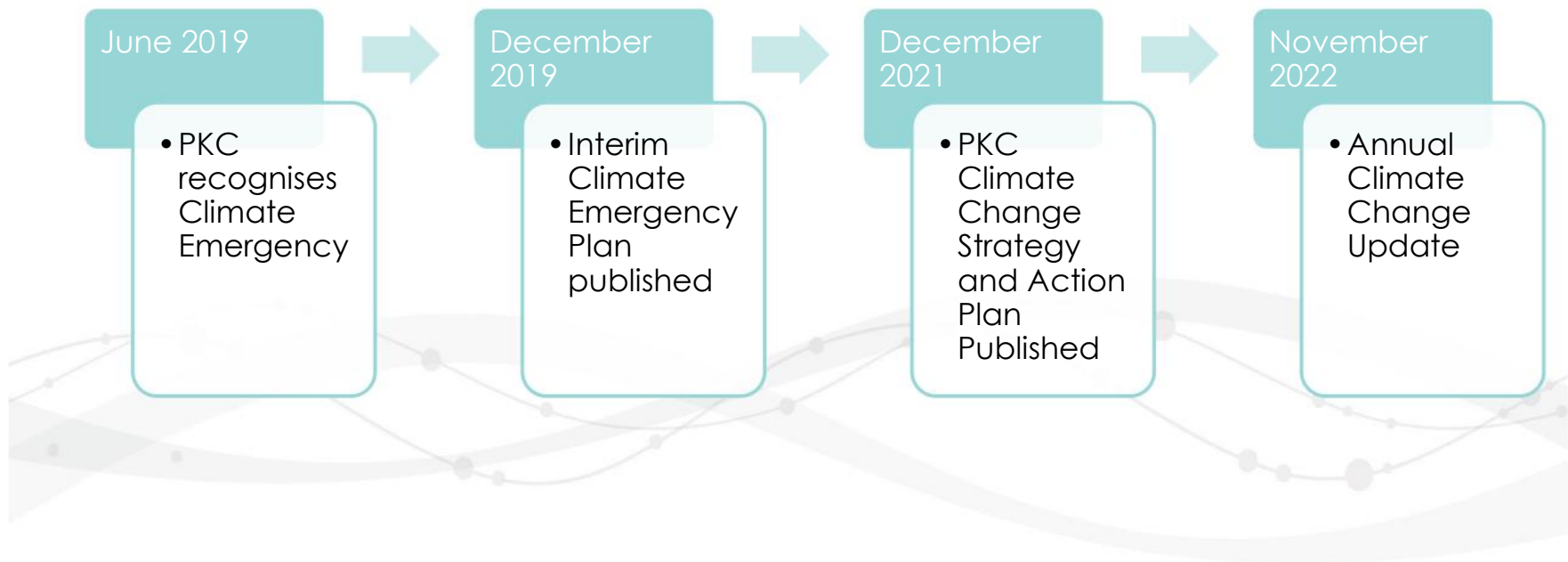
# Questions?

DIVINDYGRANT@PKC.GOV.UK  
CLIMATECHANGE@PKC.GOV.UK

# Reference slides



# Introduction to PKC Climate Action Plan and Strategy



# External initiatives

| Initiative  | Additional implication/work   |
|---|---|
| <b>Race to Zero Campaign</b><br>(signed up to 14 October)               | <ul style="list-style-type: none"> <li>Set an ambitious short-term emissions reductions pathway and interim target to achieve in the next decade</li> <li>Limited additional annual reporting on our 1.5°Celsius target and action commitment(s)</li> </ul>                                   |
| <b>Edinburgh Declaration on post-2020 global biodiversity framework</b> | <ul style="list-style-type: none"> <li>Ensure continued alignment of biodiversity strategies and actions with National Biodiversity Strategies and Action Plans</li> <li>Strengthen capacity building to implement nature-based solutions</li> </ul>  |
| <b>Global Covenant of Mayors for Climate and Energy</b>                 | <ul style="list-style-type: none"> <li>Limited additional annual reporting</li> <li>Undertake a more comprehensive climate risk assessment</li> <li>Develop adaptation plans and goals</li> </ul>   |
| <b>Glasgow Food &amp; Climate Declaration</b>                           | <ul style="list-style-type: none"> <li>Develop and implement integrated food policies and strategies including metrics to assess Greenhouse Gases (GHGs) emissions reduction targets from food systems</li> <li>Work to reduce GHGs emissions from urban and regional food systems</li> </ul> |
| <b>Declaring a climate and ecological emergency</b>                     | <ul style="list-style-type: none"> <li>Focus on making near-term emission cuts</li> </ul>   |

# Transport

## Key Themes in the CAP:

- ▶ Increase active transport across Perth and Kinross
- ▶ Accelerate the Electric Vehicles (EV) transition
- ▶ Improve public transport provision
- ▶ Reduce vehicles in town centres
- ▶ Ensure resilient transport systems

## Key Actions

- ▶ Develop an evidence-based Perth and Kinross Mobility Strategy
- ▶ Develop a strategy for the expansion of EV charging infrastructure
- ▶ Work with Taxi Operators to accelerate the transition to EV
- ▶ Develop and deliver the Broxden Low Carbon Transport Hub
- ▶ Maximise the potential utilisation of Smarter Choices, Smarter fund to deliver sustainable and active travel.

# Energy & Buildings

## Key Themes in the CAP:

- ▶ Non-domestic PKC Properties
- ▶ Non-domestic Perth and Kinross Properties
- ▶ Domestic PKC Properties
- ▶ Domestic Perth and Kinross Properties
- ▶ All properties

## Key Actions

- ▶ Carry out an updated Local Housing survey programme
- ▶ Develop and implement a Local Heat and Energy Efficiency Strategy (LHEES)
- ▶ Work with local Housing Associations to maximise the number of social rented homes achieving EPC B by 2032
- ▶ Replace all oil fired heating systems in PKC properties, adopting a fabric first approach to reduce heat demand.

# Waste & Circular Economy

## Key Themes in the CAP

- ▶ Ensure alignment with the Scottish Government Climate Change Route Map
- ▶ Promoting a rapid transition to a Circular Economy
- ▶ Developing and delivering thematic actions plans for the high carbon emissions materials
- ▶ Improving our recycling services
- ▶ Maximise value from waste by reducing waste sent to landfill

## Key Actions

- ▶ Expansion of twin-stream recycling
- ▶ Undertake Circular Scan to develop a Circular Economy Route map
- ▶ Develop and implement a Food Waste Action Plan
- ▶ Consider introduction of National Deposit Return Scheme (DRS) and Extended Producer Responsibility within Perth and Kinross
- ▶ Asset Management Review of Waste & Recycling Infrastructure



# Land use

## Key Themes in the CAP

- ▶ Strengthening Planning
- ▶ Rural Land use and carbon sequestration
- ▶ Biodiversity
- ▶ Greenspace

## Key Actions

- ▶ Develop landscape scale pilot project with partners (In conjunction with Perthshire Nature Connections Partnership)
- ▶ Identify opportunities for forestation and peatland restoration across Perth and Kinross
- ▶ Accelerate delivery of the Tayside Local Biodiversity Action Plan (LBAP) 2016-26
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# Business & Industry

## Key Themes in the CAP

- ▶ Data & strategic targeting
- ▶ Engagement & Empowerment
- ▶ Strategic collaboration
- ▶ Addressing just transition and skills shortage
- ▶ Measuring Performance

## Key actions

- ▶ Agree with key employers / businesses the key climate focus areas
- ▶ Develop Perth West and Perth Eco-Innovation Park as a national net zero exemplar
- ▶ Identify skills gaps and potential green job opportunities

# Education & Engagement

## Key Themes in the CAP

- ▶ General Engagement
- ▶ Council Elected Members and Staff
- ▶ Schools and Young People
- ▶ Community Groups and Organisations
- ▶ Residents
- ▶ Businesses
- ▶ Developing engagement plans for young people

## Key Actions:

- ▶ Develop a PKC Climate Commission
- ▶ Develop a P&K Climate Change Website
- ▶ Mapping of community climate action
- ▶ Provide climate literacy training to elected members and staff
- ▶ Organise a youth climate conference (Nov 2022)



# Governance

## Key Themes in the CAP

- ▶ Governance and accountability
- ▶ Business and performance management
- ▶ Objective and target setting
- ▶ Sustainable procurement

## Key Actions

- ▶ Mainstream climate change into committee procedures and council operations
- ▶ Develop KPI framework and establish performance targets
- ▶ Undertake a review of Council procurement with respect to climate and environmental considerations
- ▶ Embed climate change into annual business planning process