



Community Planning Improvement Board Climate Change Deep Dive

Thursday 26th August



Today's Session

Input from George Tarvit and June Graham (Sustainable Scotland Network), Clare Wharmby (Edinburgh Centre for Carbon Innovation) and Lorna Jarvie (South Ayrshire CPP)

- **Scene Setting** – the context, challenges and opportunities for Community Planning

Discussion – facilitated by Judi Kilgallon, Climate Change Project Manager, IS

- **Current practice** – what are we learning about what is working well locally and what the key barriers are?
- **What more could Community Planning do** – what is the role for Community Planning? What can we do collectively and collaboratively in this space? What is the change we need to support this?

Action Planning: What actions are needed to facilitate and effect change?

- **By Community Planning partnerships**
- **By individual Community Planning partners**
- **By the CPIB**



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Sustainable Scotland Network

STRATEGY
2020-2024

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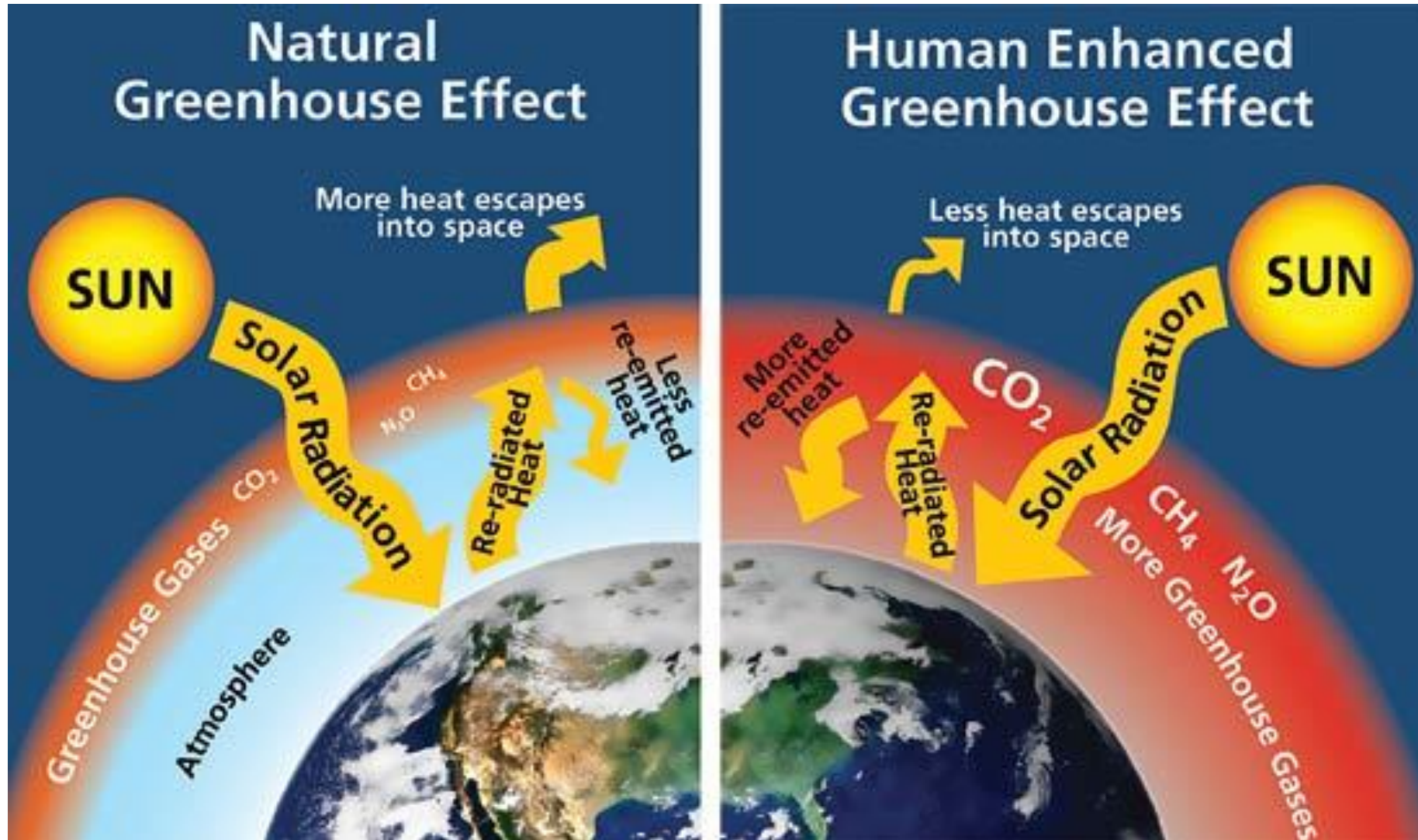
ecci
EDINBURGH CENTRE
FOR CARBON INNOVATION

The Challenge and SSN's Approach

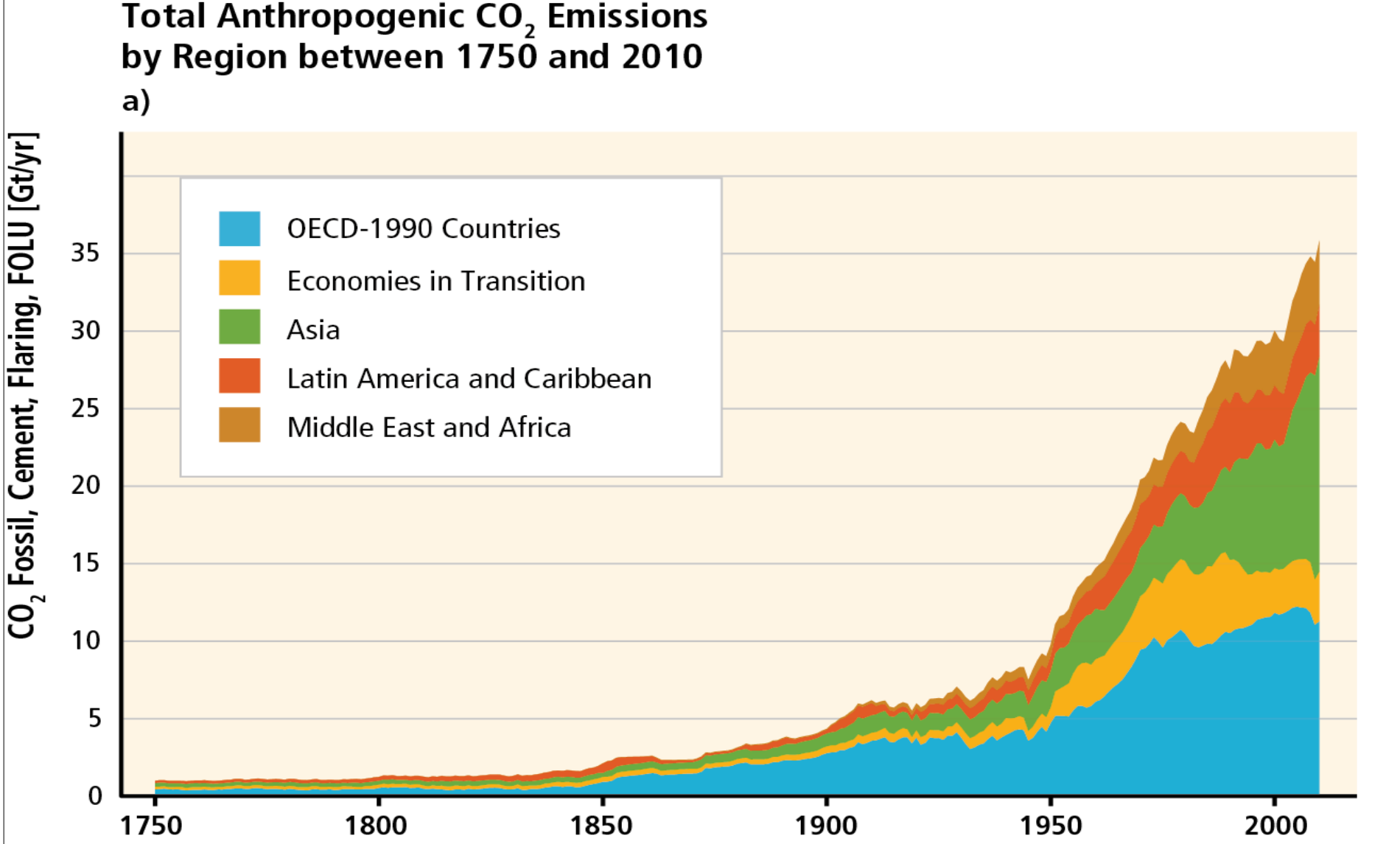
1. Global climate emergency, as well as public health, ecological and economic emergencies.
2. The current crises demand a green recovery towards net zero emissions and sustainability.
3. Climate change legislation, including Public Bodies Climate Change Duties.
4. The need for Scotland's public sector bodies to work together and scale-up action like never before.



From Climate Change to the Climate Emergency



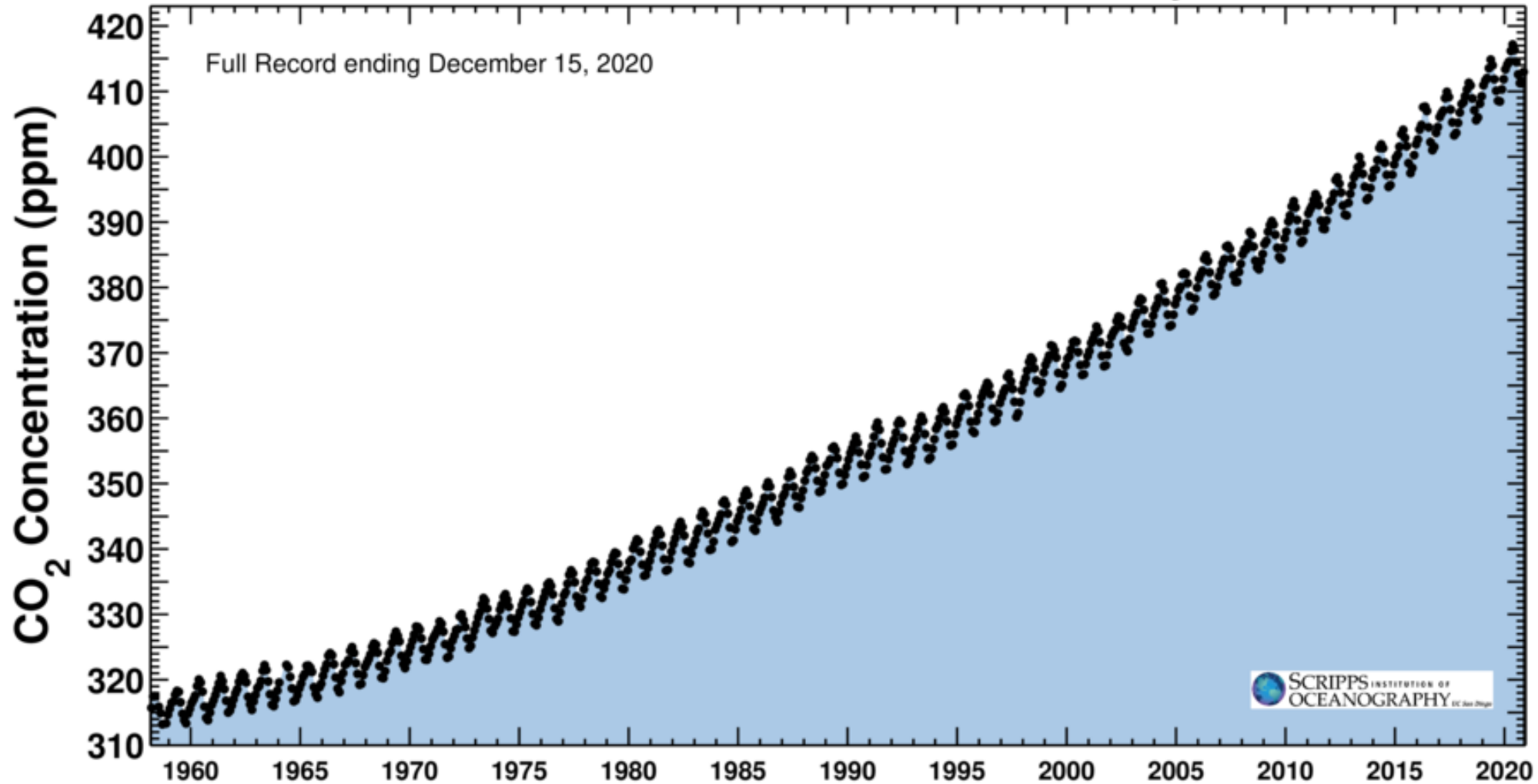
Global CO2 Emissions



CO₂ Concentrations

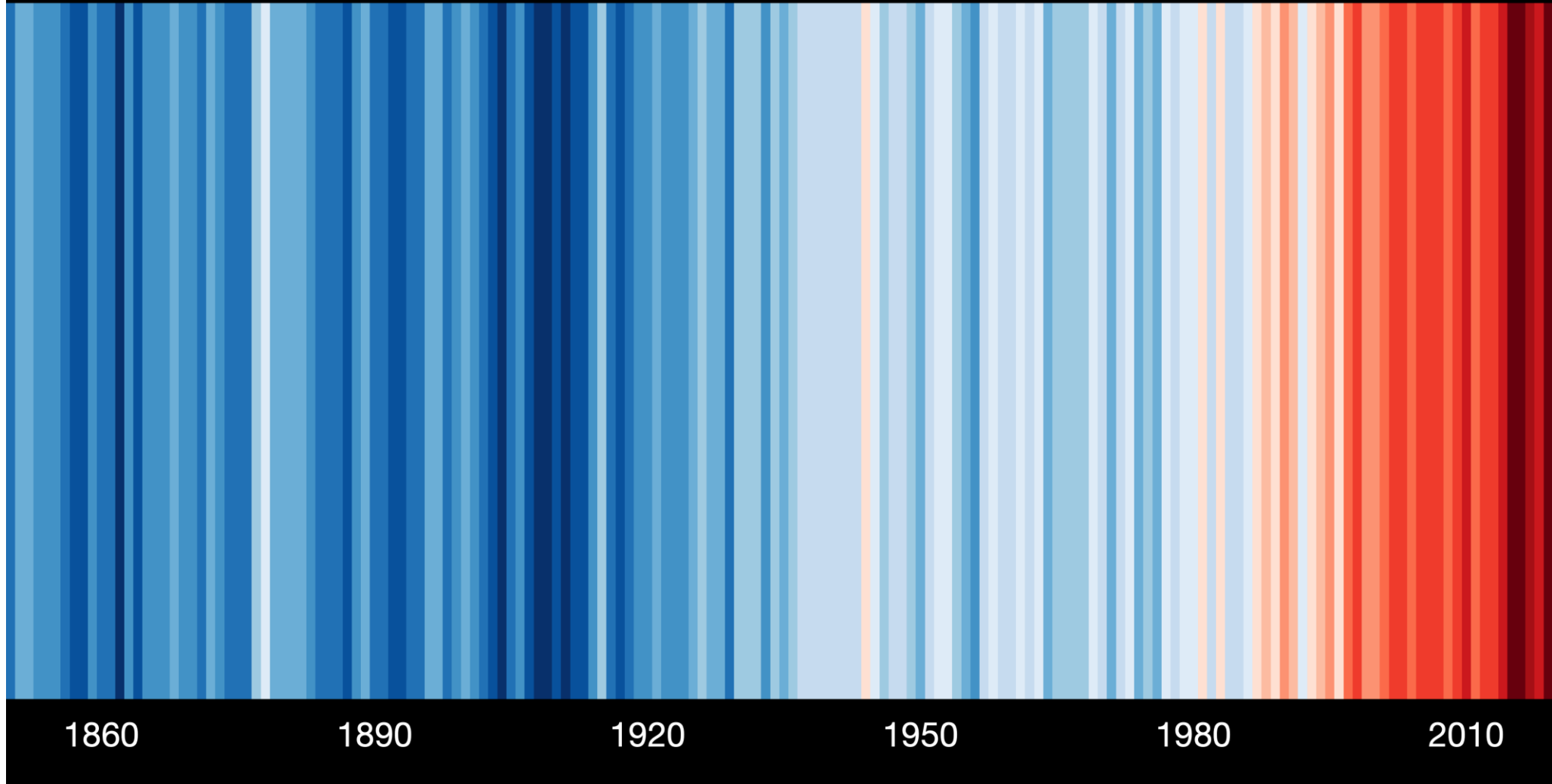
December 15, 2020

Carbon dioxide concentration at Mauna Loa Observatory



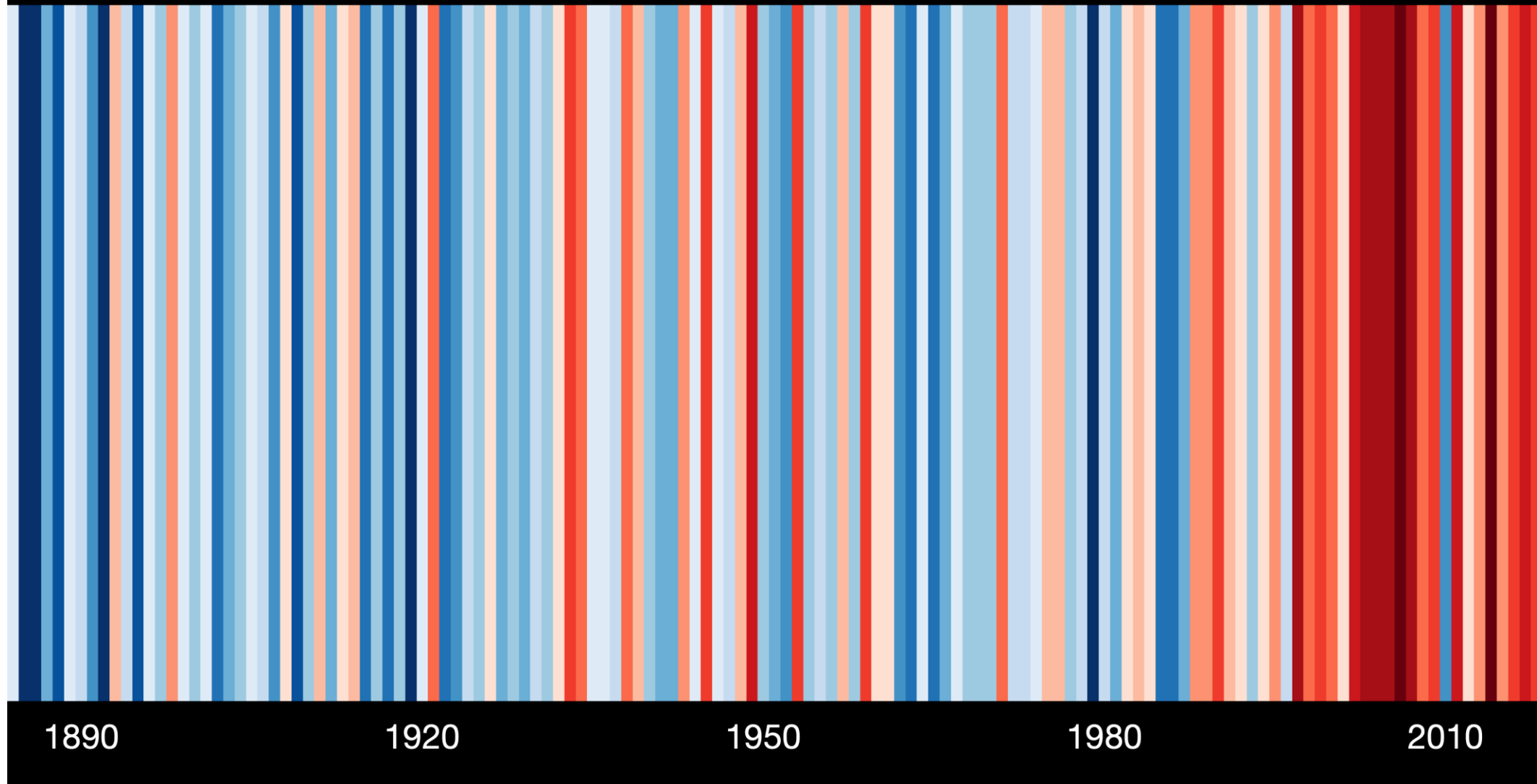
Global Temperature Change

Global temperature change (1850-2019)



Scotland's Temperature Change

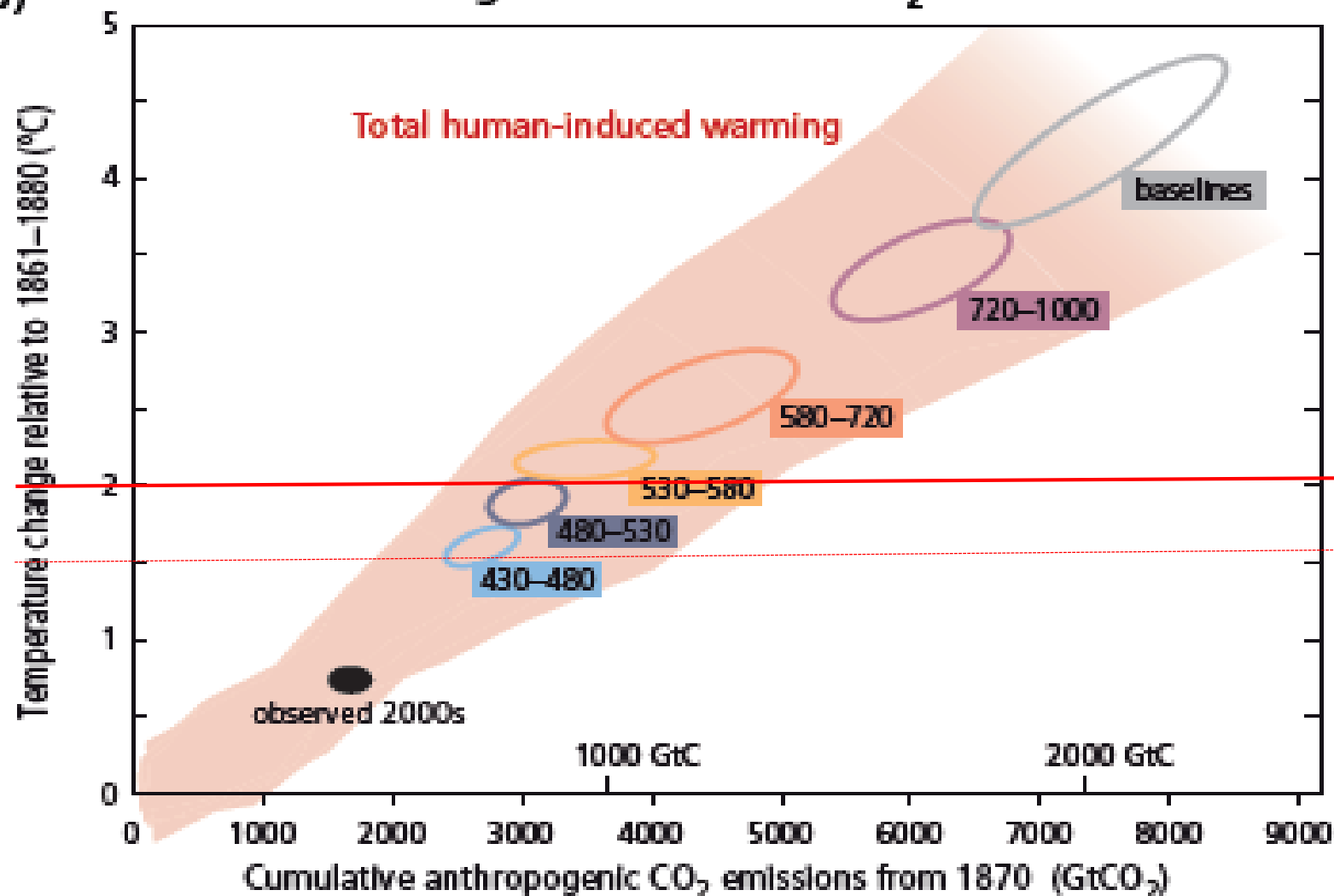
Temperature change in Scotland since 1884



CO2 concentration limits for 'below 2C'

(b)

Warming versus cumulative CO₂ emissions





Climate Change Policy

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National Outcome: Economy

National Indicators

- Productivity
- International exporting
- Economic growth
- Carbon footprint
- Natural Capital
- Greenhouse gas emissions
- Access to superfast broadband
- Spend on research and development
- Income inequalities
- Entrepreneurial activity

Sustainable Development Goals

- SDG 4: Quality education
- SDG 5: Gender equality
- SDG 7: Affordable and clean energy
- SDG 8: Decent work and economic growth
- SDG 9: Industry, innovation and infrastructure
- SDG 10: Reduced inequalities
- SDG 12: Responsible consumption and production

Climate Change (Scotland) Act 2009 (asp 12)



Climate Change (Scotland) Act 2009
2009 asp 12

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Section	
PART 1	
EMISSIONS REDUCTION TARGETS	
<i>The 2050 target</i>	
1	The 2050 target
<i>The interim target</i>	
2	The interim target
<i>Annual targets</i>	
3	Annual targets
4	Setting annual targets
5	Advice before setting annual targets
6	Modifying annual targets etc.
7	Advice before modifying annual targets etc.
<i>The domestic effort target</i>	
8	The domestic effort target
<i>Advice on progress</i>	
9	Progress towards targets
<i>Greenhouse gases</i>	
10	Greenhouse gases
<i>Baseline</i>	
11	The baseline
12	Baselines for additional greenhouse gases
<i>Supplementary</i>	
13	The net Scottish emissions account
14	Restriction on use in 2010-2017 of carbon units purchased by Scottish Ministers
15	Attribution of emissions to Scotland

Section 44: Public Bodies Duties

A public body must, in exercising its functions, act:

- in the way best calculated to contribute to delivery of the Act's **emissions reduction targets**;
- in the way best calculated to deliver any **statutory adaptation programme**; and
- in a way that it considers most **sustainable**

Mandatory Reporting (SSI): 2015 onwards

PBCCDR Amendment Order 2020

- Zero direct emissions
- Targets on indirect emissions
- Aligning resources
- Publishing reports

The Shift to Net Zero

PARIS AGREEMENT

Paris Agreement

Dec 2015



Climate Change (Emissions Reduction Targets) (Scotland) Act 2019

2019 asp 15

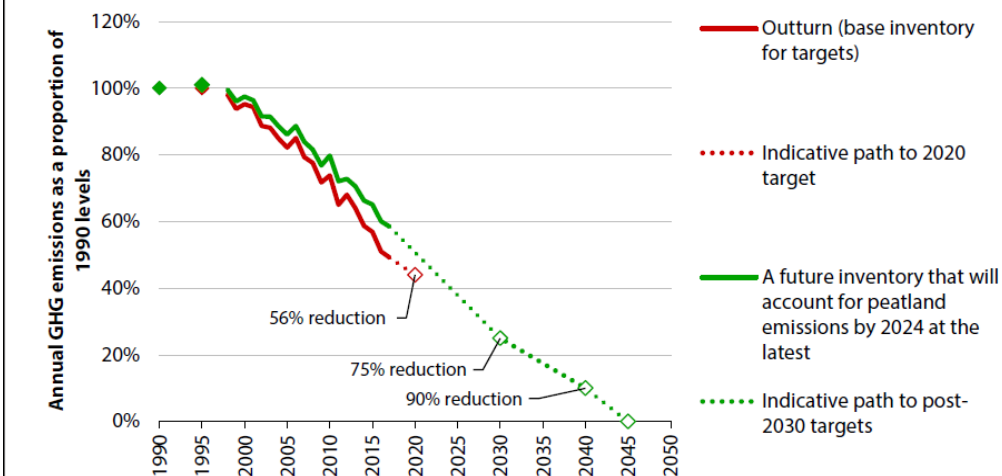
Explanatory Notes have been produced to assist in the
understanding of this Act and are available separately

£11.50

Priority emission sources

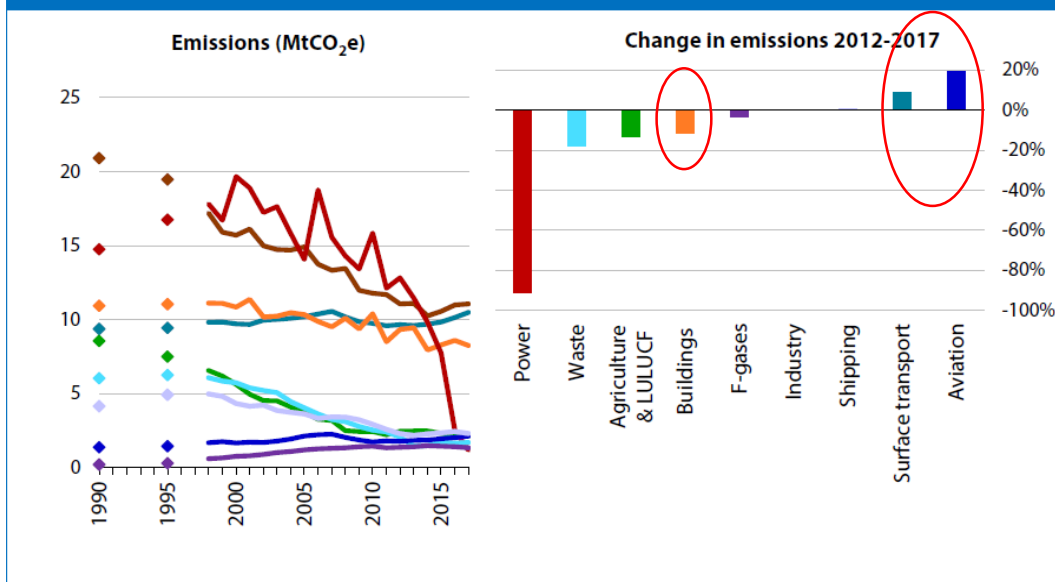
Scotland aims for Net Zero Emissions by 2045

Figure 1.4. Indicative pathways to Scotland's newly-legislated emissions targets



Action Required beyond Grid Decarbonisation

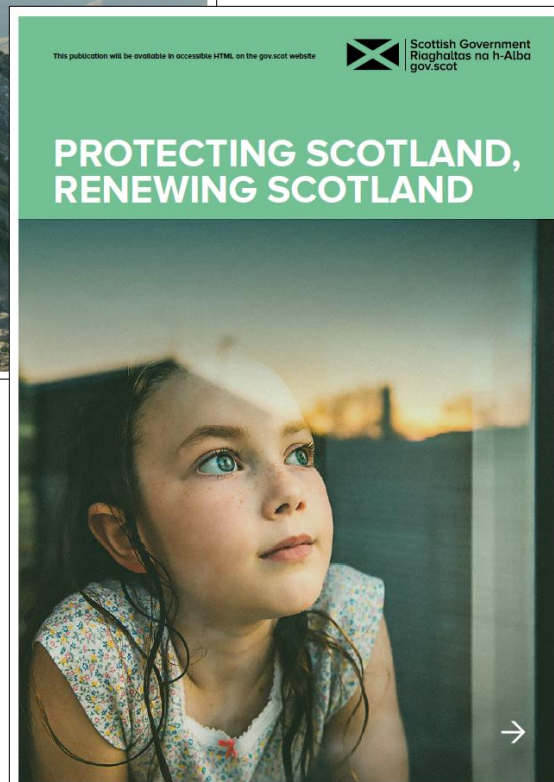
Figure 1. Scotland must act now to reduce emissions outside of the power sector



Public Sector Climate Action is Critical

- Driving-down emissions and scaling-up sequestration
- Eliminating emissions from public bodies' own operations
- Acting to influence supply chain emissions
- Planning, partnerships and investment for Net Zero Places

Programme for Government



Green Recovery

The Green New Deal and green recovery is the SG's coherent and strategic approach to Scotland's transition to net zero emissions by 2045:

- reducing emissions
- capturing the economic opportunities of the transition to net-zero
- driving the wellbeing economy through a just transition

Headlines include:

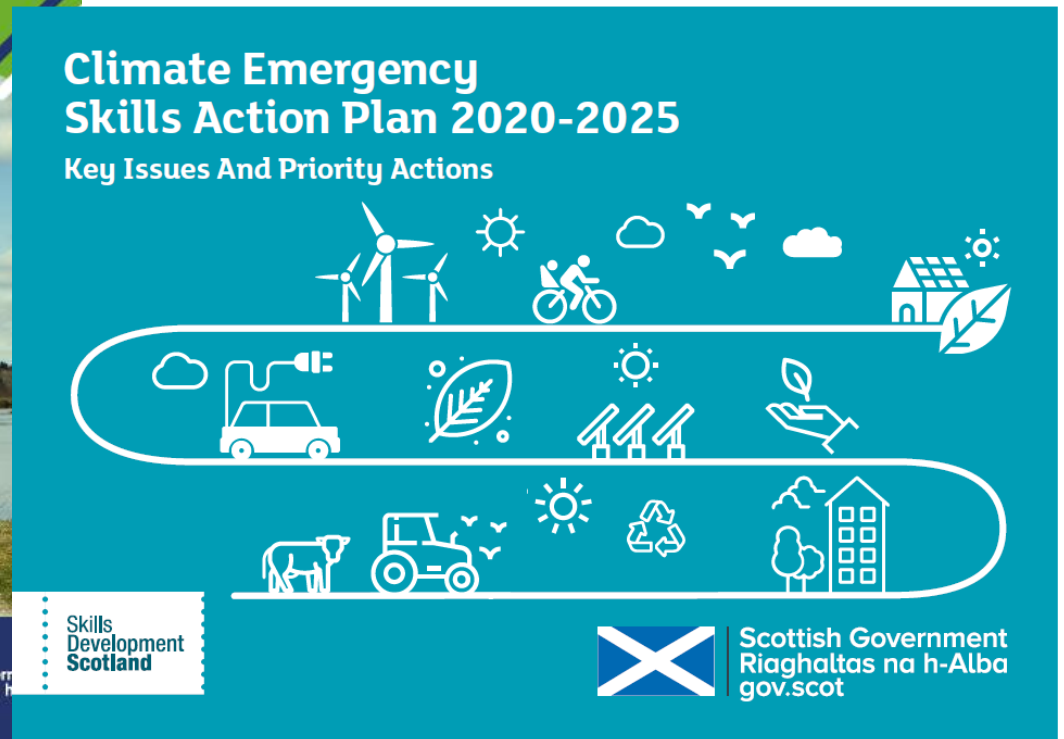
- A £1.6 billion investment over the next parliament to **decarbonise the way we heat our buildings and homes**
- £500 million for active travel **infrastructure**
- £100 million investment over the next five years in the **Green Industry and Jobs Fund**
- £70 million to improve local authority waste collection infrastructure
- £95m to decarbonise public sector buildings

The **Scottish National Investment Bank** will launch this year with £220 million of fresh seed funding in 2020-21 as part of the £2 billion capitalisation pledge to invest in businesses and markets that are key to our net zero transition

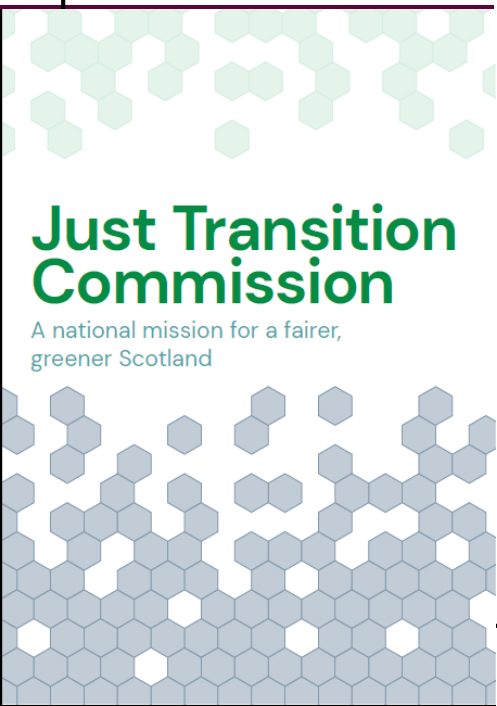
Green Investment Portfolio to identify over £3bn net zero investments in Scotland to global investors.

Develop **tools and guidance** to support a green recovery and climate and circular economy ambitions through **procurement**.

Policy Developments late 2020



Policy Developments 2021



Key message one:

Pursue an orderly, managed transition to net-zero that creates benefits and opportunities for people across Scotland

Key message two:

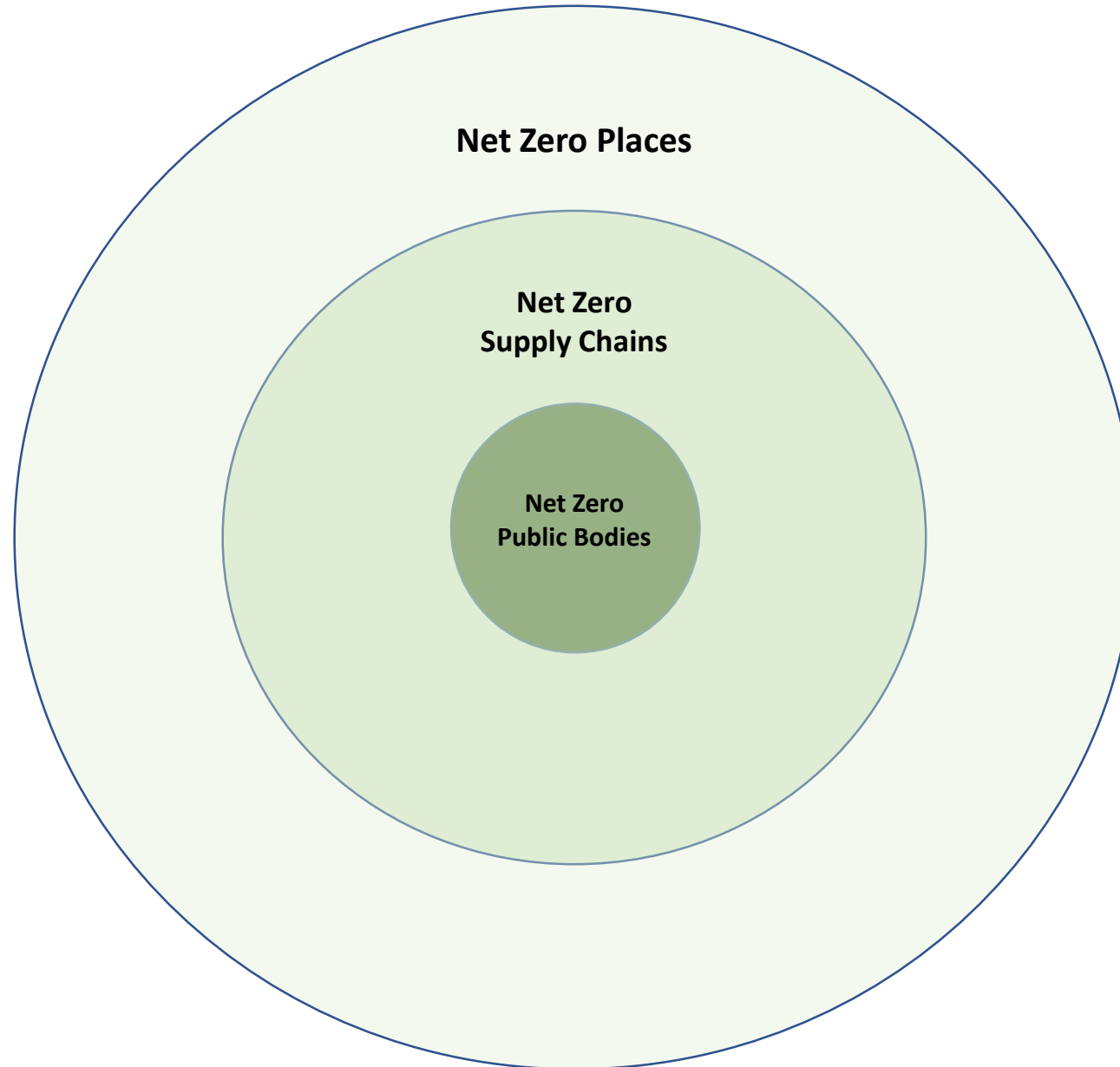
Equip people with the skills and education they need to benefit from our transition to net-zero

Key message three:

Empower and invigorate our communities and strengthen local economies

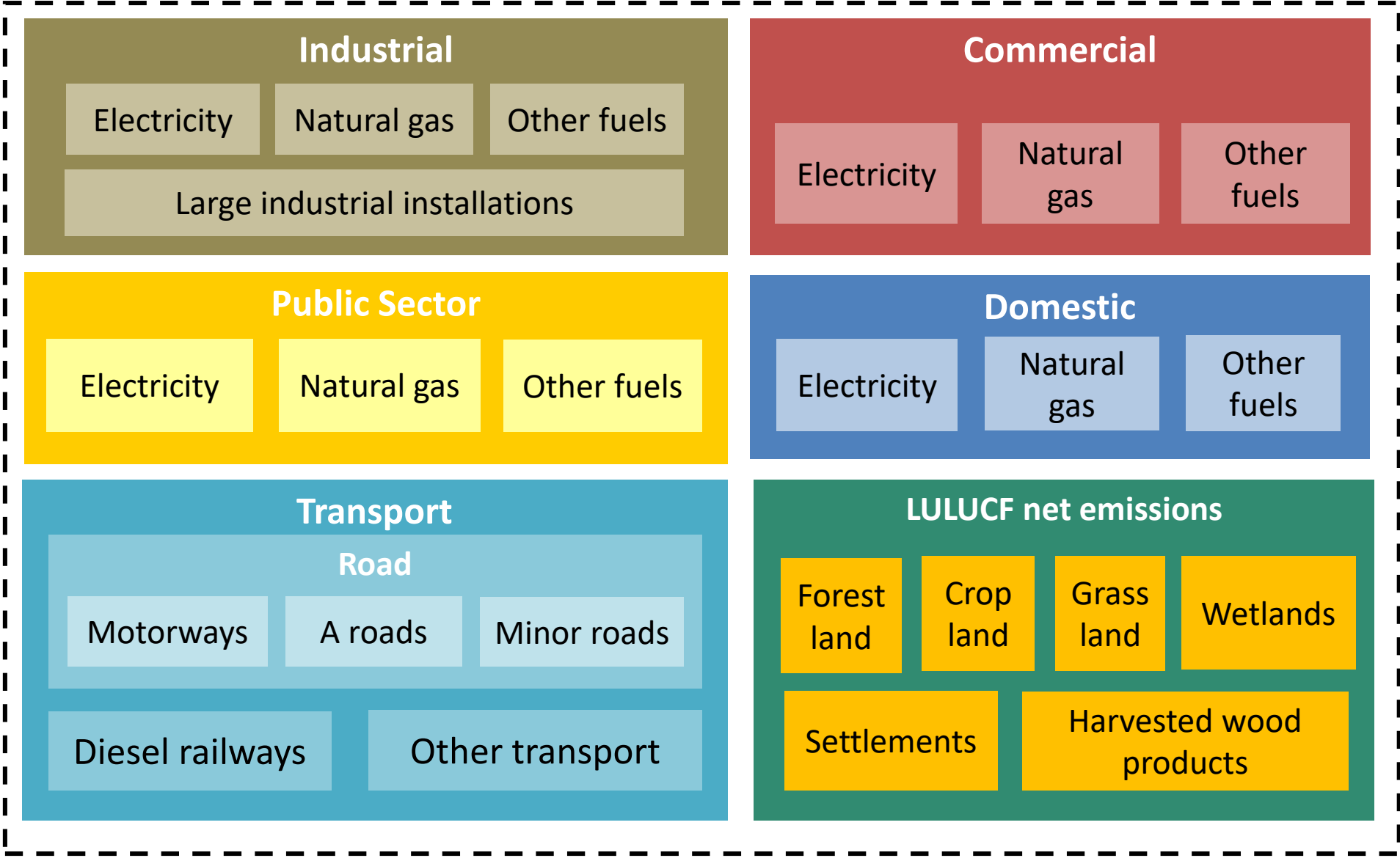
Key message four:

Share the benefits of climate action widely; ensure costs are distributed on the basis of ability to pay.





Area-wide emissions boundary



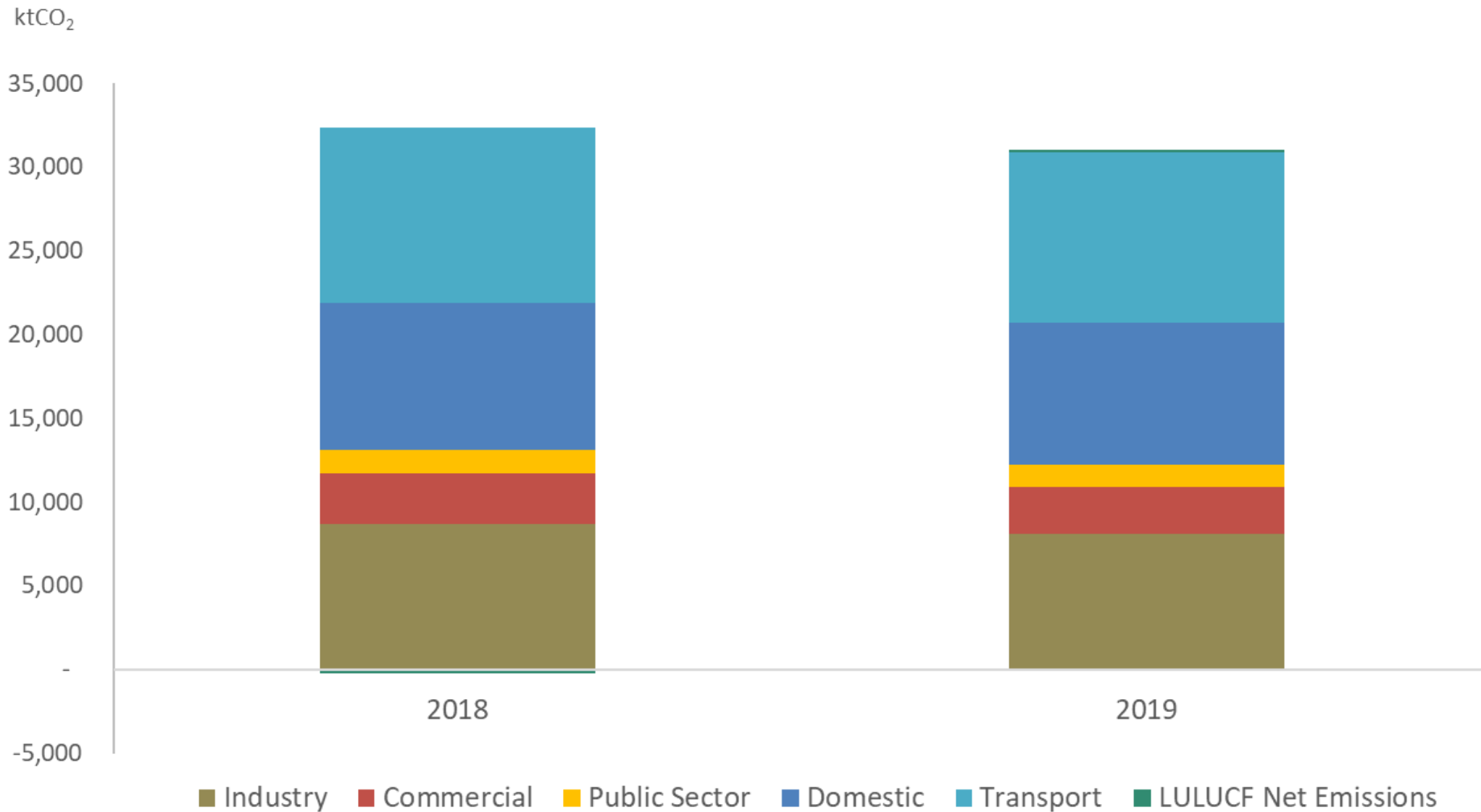
Supply chain emissions from goods and services

Process emissions from landfilling waste and waste water treatment

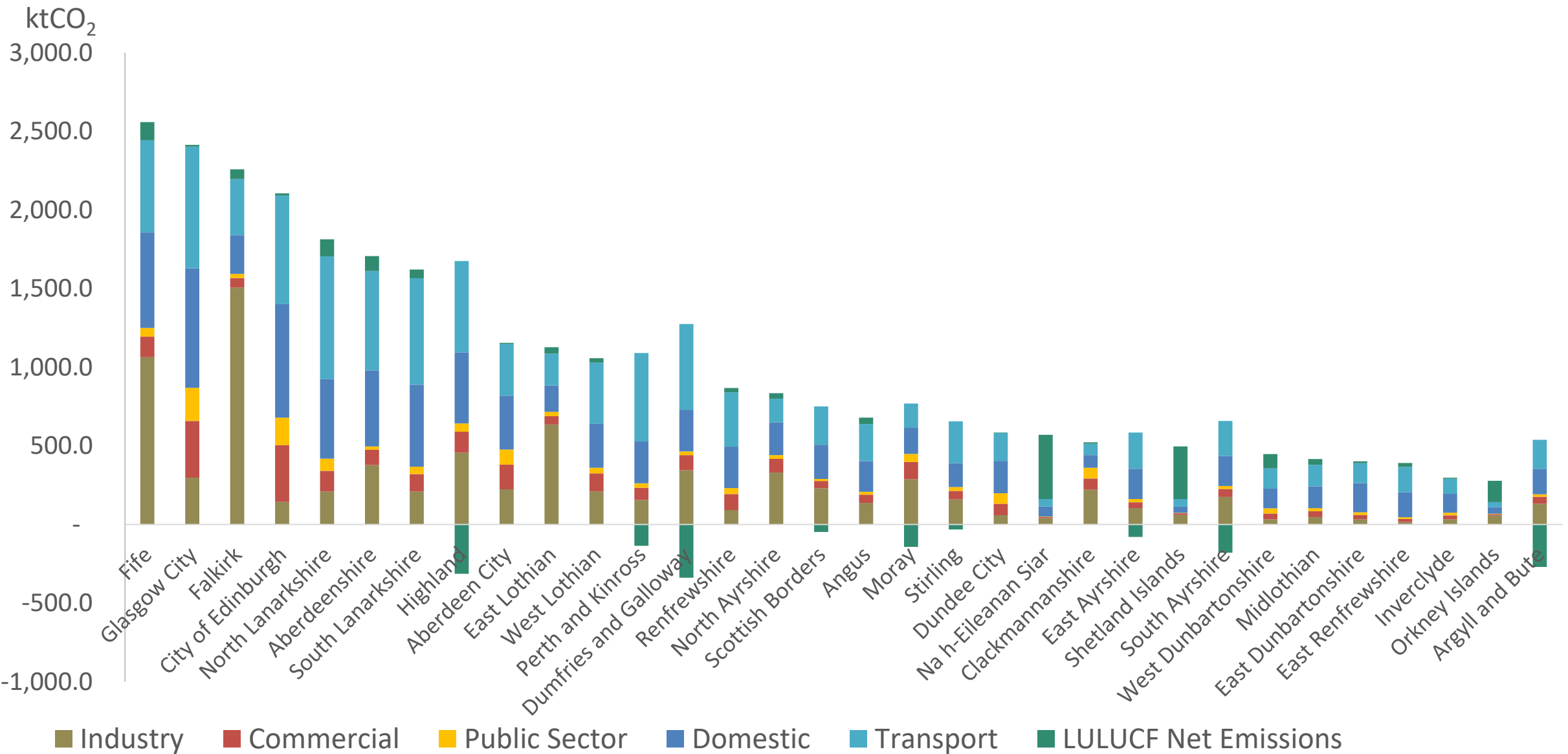
Aviation

Livestock

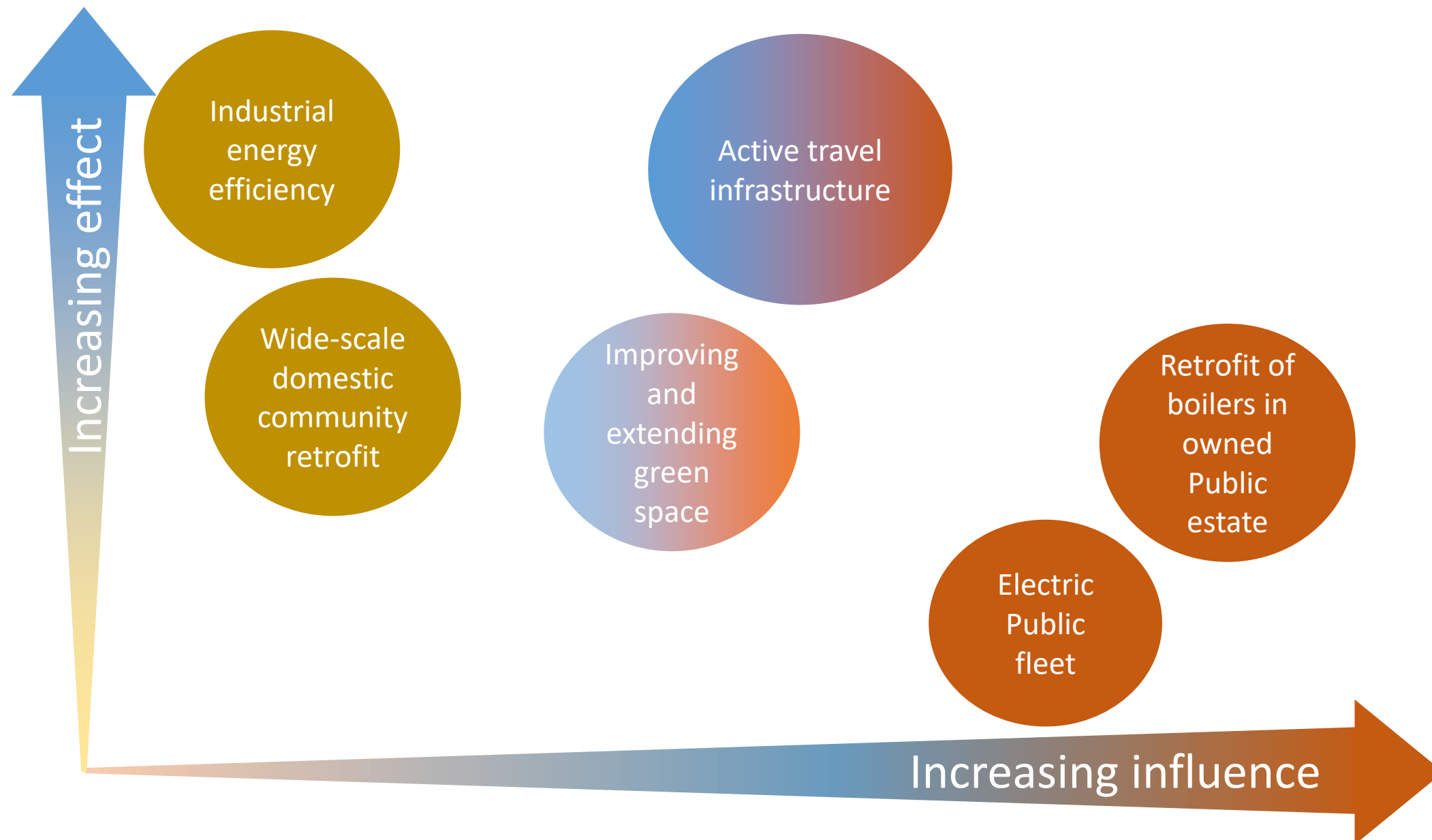
Local Authority territorial CO2 emissions estimates 2018 and 2019 (ktCO₂)

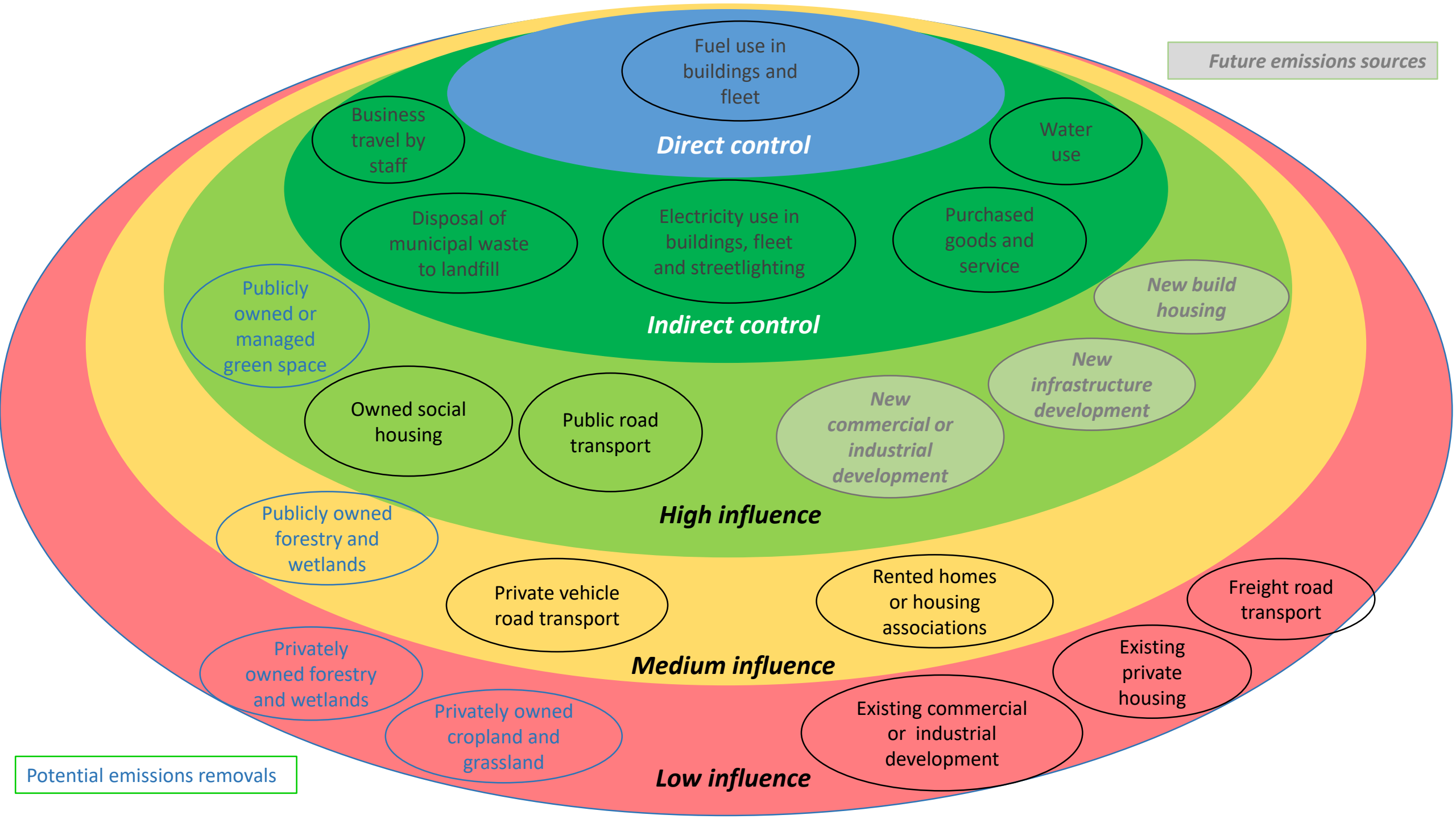


Area-wide carbon emissions, broken down by category and LA for 2019



Understanding influence and effect







Ayrshire Regional Community Planning Initiative

Net Zero and a Green Recovery for Ayrshire



Net Zero and a Green Recovery

Recommendations for South Ayrshire Community Planning Board

8 January 2021



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Project Drivers

- CP mandate – look at capacity to scale up action at regional-scale
- Climate Emergency and Net Zero GHG emissions by 2045 (2019)
- Covid-19 pandemic and call for a Green Recovery (2020)
- Programme for Government and Climate Change Plan Update (2020/21)

Project Approach

- Project scope and design agreed
- Stakeholder interviews with some key players
- Project Workshop on 23rd November 2020
- Project Report with findings and recommendations

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Ambition, Opportunity and Drivers



1. Relevance of net zero and green recovery to existing regional policy and investment plans:

- Caring for Ayrshire
 - Ayrshire Regional Growth Deal
 - Well-being, Community Wealth Building and Place-making
 - Recovery from Covid-19 pandemic
 - Education, skills and training
-
- Regional Spatial Strategy
 - Regional Land Use Partnerships

2. International and national policy moving towards net zero, with investment following

3. Co-benefits of health, well-being, resilience, prosperity, education and employment, as well as investment in ecological health to address the biodiversity crisis

Principles, Plans and Pathways



1. Learn from others

Example of Edinburgh Climate Commission and Place-based Climate Action Network

2. Cost-effective and economically sound investments – emphasis on low/no regret actions

3. A Routemap to Net Zero Emissions

Priorities and Recommendations



1. Leadership and Governance
2. Training and Skills
3. Communication and Engagement
4. Finance and Investment
5. Low/No Regret Options – seven suggestions
6. Public Sector Estate opportunities
7. Procurement
8. Land Use, Planning and Place-making

Progress and Next Steps



There is a clear desire and recognition in Ayrshire of the need for, and benefits of, **cross-partner regional collaboration, action and leadership on climate change**.

1. The **Officers Network** has met regularly to progress the work and share knowledge – akin to a regional SSN
2. A **draft vision and mission** has been drafted, as well as a **governance structure** and a suite of recommended **priority actions** – including developing a clearer pathway plan on energy and emissions.
3. A paper is in front of the **SAC CCP Board on 26th August** to recommend further development of this work, and investment in a resource to support regional CPP collaboration, partnership working and delivery.

Principles, Plans and Pathways



1. **There's an appetite** from partner orgs to work together and rise to this challenge collaboratively
2. There's also **an identified growing need** to do this, ie Scottish Government, new guidance etc
3. Community Planning Partnerships need to be **proactively working** through this in order to be able to deliver on their existing goals, outcomes, plans etc.
4. There is **expertise out there** to be shared and brought to the table
5. **Resource is needed** to deliver well against this, and **CPPs have the potential** to be a good place to work out how to identify, create and share that resource to get the best outcomes

Questions & initial reflections from CPIB members

Discussion & Action Planning

Discussion

- **Current practice:**

- What are we learning about what is working well locally? What are the key barriers?

- **What more could Community Planning do:**

- What is the role for Community Planning? What can we do collectively and collaboratively in this space? What are the changes we need to support this?

Action Planning: What actions are needed to facilitate and effect change?

- By Community Planning partnerships
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Group Discussion

Your experiences - current practice

- What are we learning about what is working well?
- What are the key barriers?

Group Discussion

What more could Community Planning do?

- What is the role for Community Planning?
- What can we do collectively and collaboratively in this space?

To support the progress we need to see, what are the changes we need to support this in terms of:

- **Leadership**
- **Community Participation**
- **Governance/Decision making**
- **Data/Intelligence**
- **Joint resourcing/planning**
- **Innovation**

Action Planning

CPIB members are asked to identify and agree actions to take to support improvement

What actions are needed to facilitate and effect change?

- By Community Planning partnerships
- By Community Planning partners
- By the CPIB

Prioritising of Actions using Mentimeter

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