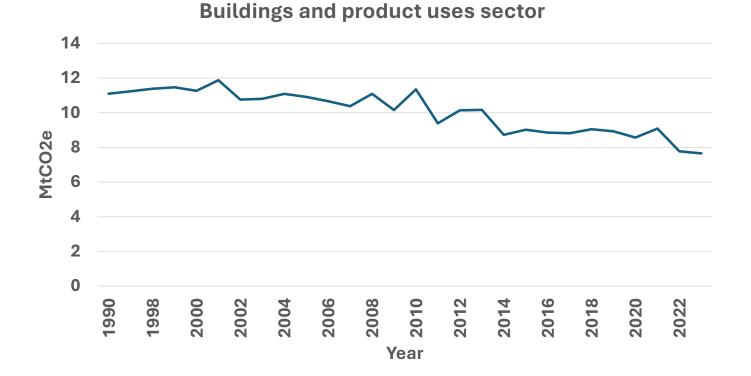
### Heat in Buildings

Annie Howden Heat Strategy and Policy



## Heat in Buildings - Overview

• Approximately 20% of emissions from buildings.

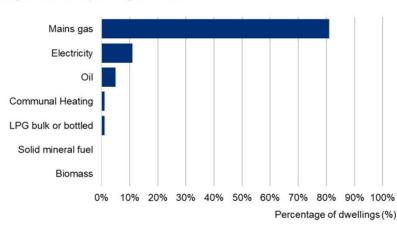






### Heat in Buildings - Overview

• The majority of Scotland's buildings are heated by fossil fuels: over 80%



Mains gas is the most common heating fuel in Scotland.

Figure 1.7: Primary heating fuel, 2023



### Heat in Buildings - Overview

- Energy Efficiency 56% EPC Band C or better
- 34% of households in Scotland in fuel poverty





### Strategic technologies





**Energy efficiency** 





Heat pumps





Low and zero emissions heat networks







# Key challenges

- Costs of electricity / running costs
- High capital costs
- High proportion of flats
- Public attitudes & awareness
- Plan & organise





### Heat in Buildings Programme

#### **Delivery:**

- £1.6bn commitment to 2025-6
- Support schemes
- Heat network investment
- Public engagement
- Supply chain and skills
- Future finance

### **Policy & regulation:**

- Heat in Buildings Bill
- PRS MEES
- EPC reform







| Domestic support  |  | Business support  | Communities &<br>Public Sector  | Multi-<br>sector support  | Registered Social<br>landlords (RSL)  |
|---|--|---|---|---|---|
| Home Energy<br>Scotland<br>Free<br>independent advice<br>and referral scheme.   | Home Energy<br>Scotland: Grant and<br>Loan scheme<br>Grants and loan funding<br>for domestic owner<br>occupiers to installer<br>heat pumps and<br>energy efficiency<br>measures. | Business Energy Sc<br>otland<br>Free advice<br>and support to SMEs<br>for energy<br>efficiency and<br>heat decarbonisatio<br>n. | Community<br>and Renewable<br>Energy Scheme<br>(CARES)<br>Advice and<br>funding support for<br>renewable energy.  | Scotland's<br>Heat Network Fund<br>Open to all public<br>and private<br>sector organisations, s<br>upporting rollout<br>of zero<br>emissions heat networ<br>ks. | Social Housing<br>Net Zero Heat Fund<br>Grants to RSLs & LAs<br>for the retrofit of zero<br>emissions heating<br>systems and energy<br>efficiency measures<br>across their housing<br>existing stock. |
| Area Based Schemes<br>Fuel poverty scheme<br>delivering energy effici<br>ency, leveraging ECO a<br>nd private investment.<br>Particularly<br>effective for mixed<br>tenure multi-<br>occupancy buildings. | Warmer<br>Homes Scotland<br>Fuel poverty scheme<br>delivering heating impro<br>vements and energy effi<br>ciency.  | SME Loan<br>and Cashback<br>Interest free loan<br>and cashback for<br>energy efficiency<br>and renewable heat.                  | Green Public<br>Sector Estate Decar<br>bonisation Scheme<br>Loan and<br>grant funding for<br>heat decarbonisation<br>and energy<br>efficiency improveme<br>nt projects.<br>Energy Performance<br>Contract<br>Framework for larger<br>public sector<br>projects. |   |   |

# **Budget & Finance**



- £33bn estimate in 2021
- 25/26 Budget allocates £302m in capital
- Need to see private investment
- What are the opportunities:
  - Green / Retrofit Mortgages
  - Property Linked Finance
  - Place Based Financing?





## Heat in Buildings Bill









### Private rented sector: minimum energy efficiency standard



| Scottish Government<br>Riaghaltas na h-Alba |
|---|
|   |

June 2025

• 44% of PRS in energy efficiency

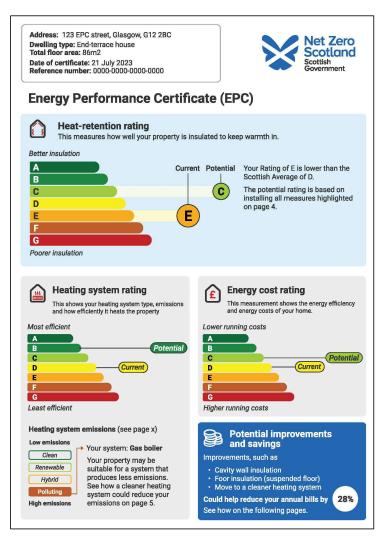
• EPC C

Consultation closes on 29 August





# **EPC** Reform









Any Questions?

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