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**THIRD SECTOR DUMFRIES AND GALLOWAY**

**REPORT OF MEETINGS**

**Borderlands De-Carbonisation Pathways Thematic Workshop**

**12<sup>th</sup> October 2021**

**THIRD SECTOR DUMFRIES AND GALLOWAY SUMMARY**

*Working together to put our sector first*  
Dumfries and Galloway's Third Sector Interface

## KEY POINTS

**PLEASE NOTE: THIS IS A PERSONAL RECORD BY THE CHIEF EXECUTIVE OF TSDG, NORMA AUSTIN HART. IT IS BASED ON MY OWN OBSERVATIONS. IT IS NOT A FORMAL MINUTE OF THE MEETING.**

### Key points

This session was led by the Carbon Trust

1. It was attended by Changeworks, local authorities in Borderlands, housing associations, Buro Happold consultants, Regen, and other NGOs and myself from a third sector umbrella organisation.
2. The workshop is being consulted about the master plan. It will align with the overall growth deal, to access low-cost low carbon energy, whether business or residential.
3. We need to take into account the needs of people in the area so it cannot be top-down.
4. It should create new jobs and economic advantages by unlocking a £30m investment fund.
5. Focus today is on domestic sector, contributing 24% to emissions.
6. Key learning outcomes from modelling; domestic sector only today - how are homes heated, how efficient they are; what kind of appliances and how many emissions
  - a. Local assets in the region- an initial picture
  - b. A description of three net zero compliant decarbonisation pathways
  - c. All require ambitious local regional and national changes – eg legislation
  - d. Domestic energy consumption and emissions has not changed much over 20 years, mainly from space and water heating
  - e. Almost all homes could be considered high carbon home; on average are more carbon-intensive and use more energy because homes are less well insulated and more dependent on carbon based fuel
  - f. So this workshop focuses on heating
  - g. Number of homes heated by fossil fuels need to reduce to zero by 2050
  - h. Instead, alternatives are balanced, electrification-led and hydrogen-led pathways
  - i. Evidence points towards a very small role for hydrogen-led, most will be balanced or electrification pathways
  - j. Three key thematic priorities: smart flexibility, reducing energy consumption and the role of heat pumps in short and medium term
  - k. Area has higher than average number of heat pumps than the national average due to number with oil heating. 15-20% is the target for heat pumps across electrification and hydrogen led pathways
  - l. Rapid change towards maximum energy efficiency is needed for all scenarios

7. Many concerns were raised in the consultation; costs of low carbon pathways; innovation needed; importance of using local and trusted SMEs/supply chains; new build being built to zero carbon standards; role of RSLs to lead the way in this.
8. Use should be made of the inclusive growth deal funding from Borderlands to achieve these changes.
9. There was discussion about the social and financial impact of these points and reassurance was given that attention will be given to this.
10. Buro Happold went through the multi criteria analysis (MCA) they propose to use. These would include household income and deprivation indices. It would also cover health, well-being and environmental indicators. Some will need to be weighted.

