**Quarterly Progress of Climate and Environment actions – Q4 2022/23**

**Quarterly Summary – Q4**

This quarterly report is part of the governance around the Councils commitments to carbon neutrality. It summarises the progress of each individual action, as detailed in the South Derbyshire District Council’s (SDDC) Climate and Environment Action Plan 2021-30. Each individual action is rag rated on progress SDDC has made in delivering the action (not started, in-progress or action completed), progress monitored every quarter and updated accordingly. Out of the 57 individual actions that form the SDDC’s Climate and Environment Action Plan, the overall summary of delivery in Q4 2022 and comparison to Q3 us shown below:

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| **Action status** | **Q4 Action numbers** | **Q3 Action numbers**  | **Q4 v Q3 Comparison** |
| Actions Not Started | 6 (10%) | 12 (21%) | Improvement  |
| Actions In-Progress | 29 (51%) | 25 (44%) | Improvement  |
| Actions Completed | 22 (39%) | 20 (35%)  | Improvement |

As can be seen, SDDC are progressing with the delivery of its Climate and Environment Action Plan and in Q4 we have reduced the number of actions that have not started and increased the number of actions in progress and completed. The table below shows the rag rate of each individual action, the progress made on delivering and where applicable the next steps that are being taken.

**1. Transport**

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| **Ref** | **Action**  | **Progress** | **Next steps**  |
| T4A | Transition of Waste Vehicle Fleet from diesel to low or zero carbon fuel.  | Hydrogen dual fuel & EV charge point pilot projects initiated to establish options. | Complete pilots and develop a plan to transition/replace all current Council fleet to low or zero carbon vehicles.  |
| T4B &4C |  Transition of Housing & Environmental Health Vehicle Fleet to low or zero carbon fuel | Replacement plan to transition under 3.5t vehicles to electric. RCV replacement plan subject to outcome of Hydrogen pilot. | EV charge points to be installed at Boardman Depot & Civic Offices to support transition to electric fleet. Hydrogen supply & storage for Boardman Depot. |
| ISP4 | Ongoing delivery of the Sustainable Travel Plan and the annual Employee Travel Survey | Complete - Sustainable Travel Plan in place and 2022 Employee Travel Survey completed. | Recommendations of employee travel survey to be agreed and implemented. |
| ISP5 | Review fleet procurement to transition to low or zero carbon vehicles | Replacement plan to transition under 3.5t vehicles to electric. RCV replacement plan subject to outcome of Hydrogen pilot.  | Develop plan & start to transition fleet on replacement.  |
| ISP7 | Appropriate route optimisation software for SDDC fleet vehicles in Housing and Env Health  | None  | Start delivery  |
| ISP8 | Transition to electric grounds maintenance machinery from petrol | All strimmer’s & hedge cutters are now electric, and transition of grass mowers has commenced  | Continue transition  |
| DSP5 | Public EV charge points infrastructure expansion across the District using OZEV & partnership funding | Successful OZEV funding rounds across 6 public car parks providing 41 EV charge points  | Continue to investigate EV charge point funding with OZEV, DCC & D2N2  |
| DSP6 | Develop a feasibility study to support the transition of South Derbyshire private taxi service to low carbon emission vehicles  | Collaboration with Licensing to develop a consultation plan with private hire companies across South Derbyshire.  | Consultation process to commence with private hire companies  |
| DSP7 | Review of hydrogen fuel production and infrastructure across South Derbyshire | Pilot project funding sourced for reviewing hydrogen supply, storage & refuelling infrastructure and waste vehicle dual conversion trials.  | Complete project and compare results with other hydrogen & low carbon fuel projects across the midlands  |
| DSP13 | Promote sustainable travel to work plans for job creation in growth development areas  | Bus route subsidy for Swadlincote /East Midlands business park connection & other new developments (Drakelow Park)  | Promotion of sustainable travel plans for the potential East Midlands Freeport development. |

**2.Buildings and Heating**

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| **Ref** | **Action**  | **Progress** | **Next steps**  |
| T1 | Decarbonisation of the Civic Offices | Energy efficiency report on Civic Offices completed by Midlands Net Zero Hub.PSDS funding bid submitted for low carbon heating and energy efficiency measures to be installed.  | Installation of low carbon heating, zoned efficiency controls, replacement double glazed windows and LED lighting system.  |
| T2 | Decarbonisation of Greenbank Leisure Centre | 25 annual energy consumption reduction measures to be delivered by Active Nation Sport England bid for energy reduction consultation  | Decision to be made on future renewable energy source  |
| T3 | Decarbonisation of Etwall Leisure Centre | 25 interim energy consumption reduction measures to be delivered by Active Nation Sport England bid for energy reduction consultation | Partnership Board to decide on renewable energy source future.  |
| T5 | Decarbonisation of Boardman Depot | Feasibility of pilot hydrogen storage, supply & refuelling infrastructure. Feasibility of pilot EV charge points installed at Depot.  | Future low carbon transport infrastructure plan aligned to fleet vehicle transition/replacement plan.  |
| T6 | Rosliston Environmental Exemplar | None | Interim short-term decarbonisation action (replacement of biomass boiler)Decision on lease renewal required.  |
| T7 | SDDC Housing Stock Decarbonisation | SHDF wave 1 funding to decarbonise 111 SDDC sheltered bungalows using a fabric first approach. SHDF wave 2 funding applied for a further 100 plus housing  | Developing a feasibility study for carbon zero housing stock development |
| T8 | Develop a programme to decarbonise worst performing housing stock | Completed  |  |
| ISP1 | Improving the data content of the Social Housing Stock condition survey data | Nottingham CC, EPC and energy assessments completed on proportion of the properties | Continue to grow this action  |
| ISP2 | Embed decarbonisation of all public buildings in the Corporate Asset Management strategy  | Maintenance programme for all public building estate linked to decarbonisation/energy reduction.EPC/DEC ratings being updated on all public buildings | Continue to grow this action  |
| ISP6 | Creating and developing a Low Carbon Homes Team that supports home decarbonisation across the District  | Complete -Team recruited and delivering Social housing, rented & private sector decarbonisation programs.  | Continue to grow this action  |
| ISP13  | To create and develop a programme to educate and inform residents/public on using low carbon heating sources  | Consultation process started to understand residents awareness of effective use of heat source pumps | Consultation to be competed & then guidance information developed to support residents  |
| ISP9 | Install Smart metering at all Council buildings | None | Awaiting suppliers collaboration  |
| ISP10 | Leisure Centre energy reduction  | Active Nation energy reduction behavioural plan in place for 2022 Sport England bid funding applied for external consultancy support | Results to be monitored  |
| ISP11 | Align ongoing Leisure Centre maintenance plan for energy and carbon reduction | Annual maintenance program in place to improve and replace plant  | Continue to grow this action |
| ISP12 | F gas replacement/efficiency across Council buildings | Annual program in place to improve and replace with more efficient F gas systems | Continue this action  |
| DSP1 | SDDC Healthy homes assistance funding programme for private domestic housing energy efficiency and supporting fuel poverty reduction | Ongoing delivery program in place.  | Continue this action  |
| DSP2 | Energy efficiency regulations – effective enforcement programme across private rented housing.  | Completed - Program in place  |  |
| DSP4 | Green Home Grant/LAD funding delivery of retrofit measures to private and tenanted houses. | Completed – Delivery program in place  | Continued funding applications  |

**3. Planning and Land use**

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| **Ref** | **Action**  | **Progress** | **Next steps**  |
| ISP3 | Embed carbon neutral in new SDDC Local Plan | Issues and options for Local Plan review drafted for feedback | Climate, environment and biodiversity feedback for Local Plan. |
| DSP3 | Develop a database of renewable energy sources across South Derbyshire and track renewable energy production to support planning policy  | Data collation had commenced on existing renewable energy sites across South Derbyshire. DCC have produced a Spatial Renewable Energy Study that will be used in conjunction with this data | Complete data collation and use if for draft policy support  |
| DSP14 | Freeport Plan influencing, promoting, and partnering with local business to deliver green innovation and technology  | South Derbyshire District Council has representation on the Freeport development | Continue to monitor & grow this action  |
| DSP18 | Embed Active Travel in Swadlincote town centre access plan. | Included in the Levelling Up Funding Bid to install E-bike hub & active travel infographics in the town centre | Awaiting bid decision  |

**4. Food and Waste**

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| **Ref** | **Action**  | **Progress** | **Next steps**  |
| ISP30 | Ongoing waste collection service review to support reduction in waste and increase in recycling and composting delivery rates. | Completed  | Monitor reductions in waste & recycling increases.  |

**5. Biodiversity**

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| **Ref** | **Action**  | **Progress** | **Next steps**  |
| ISP21 | Alteration to grounds maintenance practices to increase biodiversity net gain | Completed – wildflower verges and extended mow schedules have been implemented  | Extend annually  |
| ISP26 | Monitoring biodiversity net gain – mapping all green spaces owned by SDDC  | Categorisation and mapping started. Incorporated into GIS.  | Complete delivery  |
| ISP28 | Create and develop a methodology to estimate the carbon sequestration of council owned green areas across the district | None  | Complete delivery  |
| DSP8 | Utilise Free Tree Schemes across this District. | Completed – free tree schemes are being implemented with public engagement program  | Monitor, track & extend annually |
| DSP9 | Review and detail the climate adaption actions (tree planting and flood resilience) that SDDC are taking across the District | None  | Complete delivery |

**6. Governance and Finance**

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| **Ref** | **Action**  | **Progress** | **Next steps**  |
| ISP14 | Carbon review of tendering process | Reviewing program in place, linking with supply chain scope 3 estimations and adding social value content to procurement and tender evaluations | Recommendations to leadership |
| ISP15 | Investment review to embed decarbonisation  | Ongoing review by Finance. Derbyshire County Council have completed & acted on pension decarbonisation review | Continue to grow this action  |
| ISP16 | Review of costings and financing of decarbonisation actions & funding awarded | All costings, financing and funding awarded processed through Finance as part of the funding process.  | Continue to grow this action |
| ISP22 | Continuous Review of climate change funding and grants | All decarbonisation bids applied for; OZEV, SHDF1&2, LADs, GHG, HUGs, PSDS3b & D2N2  | Continue to grow this action  |
| ISP23 | Annual carbon review of SDDC suppliers (Scope 3) and develop a supply chain reduction guidance  | Annual Scope 3 (supply chain) estimation complete, based on spend.  | Supply chain guidance to be drafted & process linked to procurement/tendering. |
| ISP24 | Ongoing monitoring and reporting of carbon emissions and delivery of an annual carbon report | Annual carbon report completed and published  | Incorporate recommendations  |
| ISP25 | Review of all Council policies/strategies to embed carbon neutral | Reviewing of polices and strategies has been completed. | Change & insert carbon neutral recommendations into relevant policies/strategies  |
| ISP27 | Annual review of SDDC Climate and Environment Action Plan (2021/30) | Annual Climate & Environment Review completed and published  | Incorporate recommendations |
| ISP17 | Develop a full equality, diversity and inclusion impact assessment of SDDC’s Climate and Environment Action Plan | None | Complete action  |

**7. Partnership and Communication**

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| **Ref** | **Action**  | **Progress** | **Next steps**  |
| ISP18 | Ongoing Environmental/Carbon Literacy training | Online delivery of carbon literacy training for parish councils and residents.Ongoing Climate and Environmental induction for all new employees to the Council  | To examine Councillor environmental/climate training to deliver through workshops |
| ISP19 | Embed carbon emission reduction into the new Economic Development Plan for SDDC | Decarbonisation, environmental sustainability & biodiversity net gain included in the draft plan  | Launch of the new Economic Development Plan  |
| ISP20 | Promotion of the Rosliston Forestry Education Centre as an environmental exemplar | Existing environmental training, workshops, infographics complete.External outdoor corporate training sessions being developed | Ongoing delivery of training continued and launch of corporate training modules.  |
| ISP29 | Develop an annual Climate and Environment Communication Plan | Completed – annual communication plan with focus on social media channels, press releases, internal & external communication updates.  | Continued annual delivery |
| DSP19 | Creating and developing a forum for energy consumption reduction advice for South Derbyshire residents | Completed – specific designated external web page for easy access. Marches Energy Agency commissioned for roadshows & outdoor events across the District  | Continued annual delivery |
| DSP10 | Supporting the promotion of green tourism throughout South Derbyshire | Collaboration has commenced with the National Forest Company to develop a joint programme to support Green Tourism across South Derbyshire  | Development of a green tourism promotion plan for South Derbyshire in collaboration with the National Forest Company  |
| DSP11 | Work in partnership with Derbyshire CC to create a collaborative pathway to carbon zero across Derbyshire | Completed – working with Derbyshire County Council on buildings & transport decarbonisation, fuel poverty & energy reduction, climate change strategy, action plan delivery & engagement.  |  |
| DSP12 | Partner with Derbyshire CC to engage with UK Government for resource, funding, and relevant powers to deliver Climate and Environment Plans. | Completed - Engaged with Derbyshire CC feedback to government organisations (BEIS, Salix, OZEV) & local government associations to further the cause of decarbonisation, funding & relevant powers  |  |
| DSP15 | Develop a business engagement programme to support decarbonisation projects. | Completed – process has been developed with the South Derbyshire District Council Business Advisor and Derbyshire CC business advisors to promote decarbonisation, renewable energy, energy reduction, suitable green funding and showcasing of green technology operations across South Derbyshire  |  |
| DSP16 | Create a community engagement programme around Climate Change  | Programme of communication, events and engagement of specific community groups has been established for residents and organisations across South Derbyshire.  |  |
| DSP17 | Support the implementation of the community engagement programme (SD18)  | Delivery of the community engagement program is in progress  | Complete delivery and track engagement delivery & response.  |