

**Name of meeting:** Overview and Scrutiny Management Committee  
**Date:** 9<sup>th</sup> March 2020  
**Title of report:** Climate Change and Air Quality Programme Update

**Purpose of report:**

- To update the Overview and Scrutiny Management Committee on progress in developing and implementing the Council's Climate Change and Air Quality programme
- This follows the Cabinet and Council reports setting out this programme on 12 and 13<sup>th</sup> of November 2019, respectively.

<b>Key Decision - Is it likely to result in spending or saving £250k or more, or to have a significant effect on two or more electoral wards?</b>	N/A
<b>Key Decision - Is it in the <u>Council's Forward Plan (key decisions and private reports)?</u></b>	N/A
<b>The Decision - Is it eligible for call in by Scrutiny?</b>	N/A
<b>Date signed off by <u>Strategic Director</u> &amp; name</b>	Karl Battersby, 21 <sup>st</sup> February 2020
<b>Is it also signed off by the Service Director for Finance?</b>	N/A
<b>Is it also signed off by the Service Director for Legal Governance and Commissioning?</b>	N/A
<b>Cabinet member <a href="#">portfolio</a></b>	Cllr Naheed Mather

**Electoral wards affected:** All

**Ward councillors consulted:** None

**Public or private:** Public

**Has GDPR been considered?** Yes

## 1. Summary

- The Council passed a motion declaring a 'climate emergency' in January 2019 and subsequently set out its initial response in reports to Cabinet and Council in November 2019. This took into account proposals received from the Council's Climate Emergency Working Party, which ran from March to September 2019.
- This report provides an update to the OSMC on the Council's Climate Emergency and Air Quality programme since the November 2019 reports.
- Detail is provided on the progress of the Phase 1 programme, the proposed next steps for Phase 2 and how this fits into the established regional working structures.
- A recommendation is made for an annual report to the Council's Scrutiny function aligned with the Council's disclosure of the district carbon emissions to the CDP by 31 July each year.

## 2. Information required to take a decision

### Background

- 2.1. The Council's approach to addressing the climate emergency is evidence-based and aligns with international, national and regional targets and ambitions. The Paris Agreement of 2015 and the International Panel on Climate Change (IPCC) Special Report of 2018 established the principle of addressing emissions in a fair and equitable way and outlined the importance of limiting global temperature increases to 1.5 degrees. This has been recognised by the UK Government, which has legislated for achieving 'net zero' carbon dioxide emissions by 2050 (i.e. a 100% reduction from 1990 levels) to align with the Paris Agreement.
- 2.2. The West Yorkshire Combined Authority (WYCA) declared a climate emergency in July 2019 and via its Energy Strategy and Delivery Plan and subsequent work commissioned from the Tyndall Centre for Climate Change Research, has set 2038 as a 'science-based' target for when the LCR should become a 'net zero' emission city region.
- 2.3. Kirklees Council declared a climate emergency in January 2019 and established the Climate Emergency Working Party (CEWP) to consider appropriate responses and proposals for addressing the emergency. The CEWP met between March and September 2019. The key priority proposals and next steps resulting from this work were considered by Cabinet and Full Council on the 12<sup>th</sup> and 13<sup>th</sup> November 2019 respectively.
- 2.4. At Cabinet in November 2019 the Cabinet agreed a package of projects to progress immediately ('Phase 1' of the climate emergency programme) and also to implement the development of a more detailed and ongoing 'Phase 2' to develop and progress a more comprehensive package of interventions to address the climate change emergency.
- 2.5. The key measure agreed in November 2019 was an overall target for Kirklees to reach 'net zero' carbon emissions by 2038 along with an accompanying carbon budget for Kirklees produced by the Tyndall Centre for Climate Change Research. This covers the entire district as opposed to just the Council's own emissions. The 'net zero' ambition also aligns with the WYCA's ambition for a net zero Leeds City Region by 2038.
- 2.6. The Council also has existing carbon reduction targets that pre-date the climate emergency declaration. The Council's existing carbon emission reduction targets are as follows:
  - Council: To achieve a 40% reduction in carbon emissions by 2020-21, based upon a 2005-06 baseline. Current 2017/18 progress: 32% reduction.
  - District-wide: To achieve a 40% reduction in district carbon emissions by 2020-21 based upon a 2005-06 baseline. Progress in 2016: 35% reduction (NB. This is based on Government data and is the most recent figure currently available)

2.7. Progress against Phase 1 and Phase 2 of the programme are detailed further below.

## Updates on the Climate Emergency Programme

### 2.8. Phase 1 Priorities

Project	Progress	Milestones & Deadlines
<p>1. Adoption of an ambitious target for Kirklees to achieve district-wide 'net zero' carbon emissions no later than 2038 with the accompanying carbon budget derived from independent analysis for Kirklees and the Leeds City Region by the Tyndall Centre.</p> <p>Disclosure of Council and District Carbon Emissions via CDP (aka the Carbon Disclosure Project)</p> <p>Internal reporting of the Council's Carbon emissions relating to the previous target of achieving a 40% reduction by 2020 (based on a 2005/6 baseline)</p>	<p>The Council adopted a target for 'net zero' carbon emissions with an associated carbon budget on 12<sup>th</sup> November 2019. This information is informing the development and prioritisation of the Phase 2 Programme (see below).</p> <p>Linked to the above target and carbon budget, the Council has undertaken to publicly disclose the district carbon emissions via the CDP as a statement of intent and a means of driving ambition as well as sharing best practice via the CDP network. This reporting will take place on an annual basis, with the external CDP reporting window open from April-July and the external deadline for disclosure being 31 July each year.</p> <p>It is recommended that future annual updates to Scrutiny take place in alignment with this external deadline.</p> <p>The Council will continue to report against the pre-climate emergency carbon emissions targets covering the council's own carbon emissions until the conclusion of this target period in 2020. The current reporting for the year 18/19 (reporting takes place in arrears as the carbon emissions are calculated from the council's energy usage in that year) is currently being finalised with relevant briefings taking place in March.</p>	<p>12<sup>th</sup> November 2019</p> <p>Preparation of submission and internal sign-off: April-July 2020.</p> <p>Reporting deadline: 31<sup>st</sup> July 2020</p> <p>Deadline:31/3/20</p>
<p>2. Boost woodland and green infrastructure creation via the existing White Rose Forest partnership</p>	<ul style="list-style-type: none"> <li>Initial tranche of land identification for council land in progress – working with CFM – full council estate, this is a tiered approach – Greenspace and KNH land, council land assets unoccupied, council</li> </ul>	<p>June 2020</p>

Project	Progress	Milestones & Deadlines
	<p>land assets tenanted</p> <ul style="list-style-type: none"> <li>• Additional planting on existing projects and small-scale delivery this planting season.</li> <li>• Awaiting sign off on larger scale project for Castle Hill Wild Wood</li> <li>• Delivery on council land over a 4-year programme, dependant on scale of budget available, (indicative total cost per tree is £10)</li> <li>• Commence landscape analysis for third party land capacity looking at linkages, NFM delivery, eco system service delivery keyed into the Greenstreets and landscapes for water priority areas to help set engagement strategy</li> <li>• Set out third party landowner offer – this is now at risk given the unknown nature of the central government offer that will set the contextual landscape for this – i.e. changes to the farming subsidy conditions. This would be to pump prime the conversation over land use conversion from marginal agricultural land to other uses.</li> <li>• Scale – it is expected that the White Rose Forest delivery request is for around 2500 ha's to increase canopy cover from approximately 15% to 19.5% within 25 years - this equates to 2.5 -3 million trees.</li> </ul> <p>The work needs to be seen in the context of a wider habitat recovery network that recognises the importance of landscape level change to support wildlife in the face of climate change and development pressures, so considering habitat corridors, and types to support species migration</p>	<p>March 2020</p> <p>Feb 2020</p> <p>Start Nov 2020 - complete Mar 2025</p> <p>Commence March 2021 – ongoing</p> <p>Commence April 2024 (indicative date)</p> <p>Planting complete by 2031 to allow canopy closure by 2045</p>
<p>3. To work with partners to develop, initiate and establish a 'Kirklees Climate Commission' and Kirklees 'Green Charter'</p>	<p>Kirklees Council is initiating an independent 'Climate Commission' based upon the model developed by the University of Leeds. The Commission will be independent of the Council but supported by the council for at least 3 years and will involve representation from across Kirklees and from the Business, Public and Community Sectors. Current progress is as follows:</p> <ul style="list-style-type: none"> <li>• Model agreed based on external expert advice from the</li> </ul>	

Project	Progress	Milestones & Deadlines
	<p>University of Leeds (Professor Andy Gouldson of the School of Environmental Policy)</p> <ul style="list-style-type: none"> <li>• Recognising the priority of establishing the commission, the council will initiate the Commission as soon as possible, with a 'shadow' strategic Board. This will bring in external partners as early as possible and allow them to develop how the Commission is implemented along with developing a meaningful 'Green Charter' that would work for members and other organisations across Kirklees.</li> <li>• The Council is currently identifying Shadow Board members for the inaugural Commission meeting.</li> <li>• The Council is in dialogue with partners to obtain their views on membership and the remit of the Commission</li> </ul>	<p>Initial Shadow Board to take place in May 2020.</p> <p>Official Launch of the full Commission: July 2020</p>
<p>4. To develop a Kirklees Youth Summit and campaign for engaging with young people around the climate emergency</p>	<p>Set up Officer Group to plan for the summit</p> <p>Confirm date for the Summit is going to take place Gather intelligence on what is already happening with schools and external partners Agree remit and rationale for the Summit</p> <p>Planning for the event</p> <ul style="list-style-type: none"> <li>• Venue</li> <li>• Numbers</li> <li>• Programme</li> <li>• Refreshments</li> </ul>	<p>Officer team set up 28<sup>th</sup> January</p> <p>Feb/March 2020</p> <p>March to June 2020</p>
<p>5. Support the West Yorkshire Combined Authority pledge for the Leeds City Region to reach net zero carbon emissions by 2038</p>	<p>In July 2019, the Council signed up to the West Yorkshire Combined Authority (WYCA) pledge to achieve 'net zero' by 2038. How the Council is working with regional colleagues is detailed in section 2.13 onwards, below.</p>	
<p>6. Implementing the Air Quality Action Plan, tackling air</p>	<p>Since November Cabinet the Air Quality Action Plan was submitted to the</p>	<p>November 2019</p>

Project	Progress	Milestones & Deadlines
<p>quality and including measures to boost sustainable travel.</p>	<p>Department of Environment Food and Rural Affairs for appraisal and acceptance in line the Environment Act 1995.</p> <p>On 13 February 2020 we received a letter on behalf of DEFRA accepting our Action Plan.</p> <p>During the appraisal period recruitment of x2 Project Officers has taken place to support the Principal Technical Officer (Air Quality) in delivering the action plan commitments and working with other departments within the Council to implement elements of the action plan they are responsible. Successful candidates are working their notices in their current roles and are due to start within Feb / March 2020.</p> <p>£400K of capital funding in the 2020/21 budget has successfully been allocated to some of the projects within the action plan. Initial project scoping work is being carried out which will be supported by the project officers when in post.</p> <p>Measures within the Action Plan to boost sustainable travel focused around increasing the uptake of Electric Vehicles. Funding bid within 2020/21 capital plan for £1M for additional Council fleet vehicles and charging infrastructure &amp; £1M for additional public charging infrastructure. See detail below.</p>	<p>13<sup>th</sup> February 2020</p> <p>March 2020</p> <p>April 2020 milestone for funding</p> <p>March 2021 deadline for spend</p>
<p>7. Investment in Public electric vehicle charging infrastructure to help break down barriers to the adoption of low emission vehicle technology</p>	<p>Council investment of £1m agreed by Cabinet and Council in February 2020 in order to deliver a step-change in available electric vehicle charging infrastructure across Kirklees. Capital funding available April 2020.</p> <p>Initial scoping work for delivery agreed by E&amp;I Senior Leadership Team, including:</p> <ul style="list-style-type: none"> <li>• Recruitment of Project Manager to support delivery</li> <li>• Initial scoping work for procurement of a supplier, including soft market testing for procurement strategy</li> <li>• Identifying risks for delivery and mitigation measures</li> </ul> <p>Detailed procurement work to start</p>	<p>February 2020</p> <p>Start Feb 2020</p>

Project	Progress	Milestones & Deadlines
	<p>Existing West Yorkshire Combined Authority project to install 17 Rapid Charge Points in publicly available car parks – in progress. As of 17 Feb:</p> <ul style="list-style-type: none"> <li>• 1 Charge Point live</li> <li>• 6 Charge points constructed and awaiting powering up</li> <li>• 10 awaiting legal agreements completing</li> </ul> <p>Issues faced by the project – unforeseen legal difficulties with electricity supply – has now been overcome – working through the detail.</p> <p>Discussions with West Yorkshire Combined Authority and other West Yorkshire districts to fund a comprehensive EV Infrastructure Plan to identify appropriate sites, localities and charging types, linking into other regional and local transport strategies.</p> <p>Depending on procurement and infrastructure planning work – infrastructure installs</p>	<p>April 2020</p> <p>Milestone March 2020 July 2020</p> <p>Milestone  June/July 2020</p> <p>Q3/4 2020/21</p>
<p>8. Bringing forward further investment in the Council's fleet to add a further 50 electric vehicles to those already procured as soon as market conditions allow</p>	<p>In 2018 the Council had 2 Electric Vehicles, as of today the Council has 50 Hybrid Cars, 5 Electric vans and 20 Electric Cars, plus 26 electric charge points within depots and office locations, with more low emission vehicles and charge points on the way.</p> <p>This is a significant increase in our low emission fleet and second only to Leeds within the region. The Council has ambition to purchase further electric vans, however due to factors such as; market solutions that do not meet current operational and technical requirements, our HR policies not reflecting the move to home charging and the infrastructure and space being available at all our depots we were unable to move as quickly as we would have wished down the purely electric route. The cleanest alternative vehicles have been obtained and these are being leased so that when we are in a position to move to a more electric fleet we are able to do so quickly.</p>	

Project	Progress	Milestones & Deadlines
	<p>Leasing vehicles allows Kirklees to more flexible in its approach with regard its commitment to procure EV or other alternative fuel technologies as they are developed and become mainstream. This means that it is easier to then incorporate improvements in range and battery technology to ensure that vehicles procured are the most efficient and operationally maximise service delivery.</p> <p>We are working with HR colleagues, key services and regional colleagues to quickly move to the lowest emission fleet as possible. HR policies will also be amended to reflect a move to a more sustainable travel policy, including walking, cycling and public transport options to be taken where ever possible.</p> <p>This year's budget includes a further £1m of funding to be spent on electric vehicles and infrastructure across the Council's services. This is key funding that is designed to remove some of the infrastructure constraints such as electricity network capacity limits, as well as charging points.</p> <p>The Council have bid for Highways England Funding to set up an Electric Vehicle centre of excellence, the purpose of which is to allow companies to trail electric vehicles before they buy them. The Council will be informed later this year whether they have been successful.</p>	<p>Q1 2020 Scoping Exercise Q2 2020 Procurement Q3/4 2020 Delivery</p>
<p>9. Re-launching and expanding the Council's free-parking offer for low emissions vehicles and expanding into include all council car parks, electric vehicles and other low emission vehicles, such as hybrids.</p>	<p>January 2020 Cabinet decision to give authority to amend the existing Green Permit</p> <p>Parking Service working on the detail of amendments to the existing policy and specific criteria</p> <p>Amended Scheme launch</p>	<p>Milestone</p> <p>Ongoing</p> <p>April 2020</p>
<p>10. Developing a comprehensive Electric Vehicle and Charging Infrastructure Policy to put Kirklees at the forefront of the development of low emission transport in our area and working with our major</p>	<p>The Council is prioritising the development of a comprehensive Electric Vehicle and Infrastructure policy from the Phase 2 programme in order to facilitate the infrastructure, fleet and parking proposals detailed above.</p>	

Project	Progress	Milestones & Deadlines
<p>stakeholders to make Kirklees 'future-proofed' for the electric vehicle revolution.</p>	<p>Draft Policy discussed at E&amp;I Senior Leadership Team Feb 2020, draft Policy to be taken to responsible cabinet portfolio holders for briefing and engagement</p> <p>Stakeholder engagement</p> <p>Policy updates and amendments following engagement</p> <p>Governance and Decision making</p>	<p>Feb 2020 March 2020</p> <p>March/April 2020</p> <p>April/May 2020</p> <p>June/July 2020</p>
<p>11. Sustainable Schools Transport</p>	<p>A sustainable travel to school policy is being developed. This policy is a great opportunity to support young people to tackle the climate emergency by choosing to travel to school in the most sustainable way available to them.</p> <p>It is important that we work with schools, pupils, parents and the community to bring about changes and further work around anti idling, playable streets and sustainable travel is planned.</p> <p>A Council Motion has been adopted, Improving School Air Quality. Some of the actions outlined in the motion are either started or planned soon.</p> <p>Examples of the work already under way are; Place based working with schools and community hubs to develop ideas for increased walking and cycling, schemes such as;</p> <p>Create a permissive pathway where there is currently no safe route to school. Working with partner organisations to establish a walking bus, run by volunteer parents to be trained as walk leaders.</p> <p>Modeshift Stars , a national schools awards scheme supporting cycling, walking and other forms of sustainable travel. Where air quality is identified as an issue in the area, the air quality team will be included in engagement with communities and schools.</p> <p>There are 31 schools in Kirklees who have registered to use the Modeshift</p>	

Project	Progress	Milestones & Deadlines
	<p>STARS Travel Planning system. We are working with schools to increase this number over the next 12 months.</p> <p>We have started work to collect baseline pupil travel data from Schools in Kirklees. So far, 58 schools have responded. This is a mix of Primary and High Schools. The travel data survey is a hands-up survey of each class in each school – presenting a snapshot of travel. 47.2% of pupils are travelling to school by private car. 41.3% of pupils are travelling using green modes of travel (walking, cycling, scooting, walking bus). The remaining pupils travel by either school bus or public transport (11.5%).</p> <p>Children and young people are being supported to gain the skills they need to walk and cycle safely. In the 2019 academic year 5488 children in 98 Primary Schools were supported to gain safe pedestrian skills through the following programmes: Streetfeet, Practical Pedestrian Training. A Theatre in Education production was delivered to 4354 Year 7 pupils in 24 High Schools.</p> <p>In addition to this, 1081 Year 5 pupils from some of the most deprived areas in Kirklees took part in the Safety Rangers Initiative.</p> <p>We also trialled a new resource from Living Streets called Next Steps to High School with 150 pupils who made up the new Year 7 intake in September 2020. Next Steps encourages walking and cycling as main methods of travel to secondary school.</p> <p>Bikeability in Kirklees is co-ordinated by the School Games Host Organisers and is delivered by external partners. April 19 to March 20 are predicted figures based on current bookings but may be subject to change.</p> <p>Air Quality; the team are taking on extra resources and are purchasing monitoring equipment which can be used in schools to monitor the air quality. Education campaigns and information for schools to use is being developed.</p>	

Project	Progress	Milestones & Deadlines
12. Huddersfield Heat Network	<p>The Council completed a successful feasibility study in January 2019 into the potential for establishing a heat network for Huddersfield Town Centre. This will provide low carbon, lower-cost heat and power via the favoured heat source of the Energy from Waste plant on Diamond St, for premises within the town centre. The feasibility study established the economic viability of this scheme. It also will provide increased resilience for the town, by developing its own energy infrastructure.</p> <p>The Council has since been successful in applying to the Heat Networks Delivery Unit (HNDU – part of the Dept of Business, Energy and Industrial Strategy) for over £300k in funding in order to engage specialist consultants to undertake detailed project development and establish an outline business case (OBC) for this project. Timescales for progressing this project are as follows:</p> <ul style="list-style-type: none"> <li>• Appointment of Specialist Consultants</li> <li>• Completion of detailed project development/OBC and Council decision to proceed on the basis of the OBC</li> <li>• Commercialisation and delivery (switch on for Phase 1, late 2024)</li> </ul>	<p>Complete by June 2020</p> <p>June 2021</p> <p>Late 2021- late 2024 (indicative timescales at this stage)</p>
13. To implement an extensive communications and engagement campaign to encourage council staff and Kirklees residents to make a positive difference to the environment	<p>Communications milestones and key announcements to date are included in the table at Appendix 1.</p> <p>A full Climate Emergency webpage (<a href="https://www.kirklees.gov.uk/beta/climate-emergency/index.aspx">https://www.kirklees.gov.uk/beta/climate-emergency/index.aspx</a>) has been launched. Further content will be generated as the above milestones are met.</p> <p>The Council comms and engagement campaign is continuing an ongoing basis, with activity planned linked in to the milestones detailed above.</p>	<p>July 2019-February 2020</p> <p>25<sup>th</sup> November 2019</p> <p>Ongoing</p>



## Phase 2 Progress and Timescales

- 2.9 Cabinet has recognised that the Council required an ongoing, long-term transformation commitment to reducing our emissions and improving environmental outcomes. This is a programme that will be extensive in scale and will take place over the forthcoming years and decades, in line with the Council's 'net zero' target and carbon budget.
- 2.10 Phase 2 will include the consideration of proposals resulting from the Climate Emergency Working Party (beyond those that are already being implemented as above) and also other measures and initiatives considered necessary and viable in order to achieve the council's climate emergency ambitions.
- 2.11 It is considered important to recognise that Phase 2 needs time to be prepared as it is a complex and long-running programme that will need to be carefully prioritised. This will ensure that the Council's limited resources are deployed where the biggest impact can be felt.
- 2.12 Officers are preparing a detailed plan for Phase 2 for Cabinet/portfolio holders for consideration in June 2020 to be followed by an update for Council in July 2020.

## Regional Working

- 2.13 The Council has recognised the important of regional working in addressing the climate emergency and has a good working relationship with the West Yorkshire Combined Authority (WYCA) and neighbouring local authorities. Climate change is an issue that does not respect administrative boundaries and there are clear advantages and efficiencies to be achieved by working together and also sharing good practice.
- 2.14 In July 2019, the Council signed up to the West Yorkshire Combined Authority (WYCA) pledge to achieve 'net zero' by 2038 and joined the Leeds City Region 'climate coalition' of local authorities, business partners and other organisations pledging to meet this ambition.
- 2.15 In setting its 'net zero' ambition, Kirklees has increased its ambition from the science-based target of 2041 (resulting from work undertaken by the Tyndall Centre for Climate Change Research) to 2038, in order to align with the wider Leeds City Region target.
- 2.16 The following table outlines how the Council is currently interfacing with the WYCA directly relating to the Climate Emergency and Air Quality.

	WYCA Forum	
Portfolio Holders and Elected Members	Combined Authority	Regular updates and discussion items on the climate emergency and programme development
	Investment Committee	
	Green Economy Panel	
Senior Officers	Chief Executives Group and Directors of Development Group	Regular updates and discussion items on the climate emergency and programme development
	Chief Highways Officers Group	Consideration of the climate emergency in the context of the region's major highways and transportation programmes and how these can be adapted to become climate emergency

		compliant.
Officers	Green Economy Officers Group	Consideration of regional priorities and sharing of best practice in relation to climate change. Ongoing development of a pipeline of shared priority projects that will benefit from joint delivery.
	WY Low Emissions Strategy Working Group	Consideration of regional priorities and sharing of best practice in relation to Air Quality.

Current Climate Emergency-specific projects supported by Kirklees officers:

Project	Description
WYCA North & West Yorkshire Emissions Reductions Pathways	This project is developing robust carbon emission 'pathways' for North and WY, helping inform how we should prioritise resources to achieve the 2038 'net zero' ambition for the Leeds City Region and Kirklees.  Timescales: Project Commenced in Feb 2020. To complete in July 2020.
WYCA Development of a robust methodology for Project Carbon Assessment	Development of an agreed carbon impact and carbon assessment methodology for WYCA/LA projects to ensure project consistency across the region.  Timescales: Project commencement in late March 2020. To complete in September 2020.

### 3. Implications for the Council

#### Working with People

- 3.1. Addressing climate change and air pollution are both areas that need to be addressed by working with members of the public, for example in influencing vehicle, travel and lifestyle choices. Whilst many actions will be taken at national and local authority level, people also need to be assisted in making the right decisions. The Council is considered to have a key role in influencing and changing the behaviour of residents. Furthermore, residents and communities need to know they have a say in how the council addresses this agenda in order to promote positive action. This will be achieved via the communications and engagement campaign along with the establishment of the independent Kirklees Climate Commission

#### Working with Partners

##### Place Based Working

- 3.2. A key theme of tackling the Climate Emergency is collaborating with other partners, regionally and on the national stage. Addressing climate change and air quality is not something that the Council can achieve alone for the borough of Kirklees. Instead, a strong working relationship with partners is essential in order to develop real action in Kirklees. It is proposed that this will be achieved through establishing the Kirklees Climate Commission and supporting the move to low

emission travel (particularly with regard to electric vehicles), as well as working closely with regional partners as detailed above.

- 3.3. Climate change is an issue that will impact across the district. However, these impacts vary by geography and it is also noted that areas of increased deprivation are likely to have less resilience to these challenges, which will require a considered response from the council to create a local-based approach. Proposals will be carefully designed in order to provide an equitable provision for different communities in Kirklees, for example in the provision of additional EV charging infrastructure.

### **Climate Change and Air Quality**

- 3.4. This report details the key direct measures that the council is taking and preparing to take in relation to addressing the long-term priority of tackling the climate emergency, reducing emissions and improving air quality. The measures detailed here are part of the first phase of a long term, transformational programme to address the climate emergency.
- 3.5. Measures outlined above will help the borough to directly reduce emissions and also help to raise awareness and action with partners across the district and with the young people of Kirklees. They will also help set the context for prioritising future actions based upon measures that will deliver the best value for money in terms of reducing emissions and increasing environmental outcomes.

### **Improving outcomes for children**

- 3.6. Health effects caused by poor air quality are more acutely experienced by children. Therefore it is imperative that Kirklees improves air quality to protect the health of children. Whilst climate change has more of an indirect impact, the consequences will be no less devastating. Investing in measures which will reduce air pollution and climate change impacts will benefit children and future generations the most. This is why the council has established the implementation of a Youth Summit as an early priority.

### **Other (e.g. Legal/Financial or Human Resources)**

- 3.7. Direct resourcing requirements for the above are being considered as the programme develops. In supporting the measures outlined above there are increased demands existing Council Services, such as Operational, Major Projects, Procurement, Legal, Assets/Capital Delivery and Public Protection as officer time from these services will be needed to support delivery of the programme. The impact of this knock-on effect will be reviewed as the programme develops. It is also important to note that the scale of the Climate emergency challenge is such that all council services will be expected to consider this in their service planning.
- 3.8. The Council is currently developing a new Recycling and Waste Strategy. Whilst this is a separate and very significant programme in its own right, it is being developed in close conjunction with the climate emergency programme. It is recognised that how the district 'reduces, reuse and recycles' its waste is an important element of addressing the climate emergency, along with as a potential source of low carbon heat and power (e.g. for the Huddersfield Heat Network).

## **4. Consultees and their opinions**

No opinions have been sought at this stage.

## **5. Next steps and timelines**

- Project specific milestones, timescales and next steps are included in the table at section 2.8
- A detailed Plan for Phase 2 will be presented to Cabinet in June 2020.

**6. Officer recommendations and reasons**

- Officers recommend that the Committee notes the content of this report and recognises the context of developing a long-term comprehensive plan to address the climate emergency.
- As noted at section 2.8, Officers recommend that a regular annual update is provided to an appropriate forum of the Council's Scrutiny function that will align with the annual disclosure of emissions to the CDP by the 31<sup>st</sup> July each year.

**7. Cabinet Portfolio Holder's recommendations**

Not Applicable.

**8. Contact officer**

John Atkinson, Project Manager, Major Projects Service (Climate Emergency)

Martin Wood, Operational Manager, Public Protection (Air Quality)

**9. Background Papers and History of Decisions**

16<sup>th</sup> January 2019 – Full Council declaration of a Climate Emergency

<https://democracy.kirklees.gov.uk/ieListDocuments.aspx?CId=138&MId=5651>

12<sup>th</sup> November 2019 – Cabinet Decision relating to Climate Change and Air Quality

<https://democracy.kirklees.gov.uk/documents/s32319/Item%207%20Kirklees%20Climate%20Emergency%20Report%20002.pdf>

(N.B. this includes the following documents as appendices:

- Final Report of the Climate Emergency Working Party as an Appendix
- Tyndall Centre for Climate Change Research Carbon Budget and methodology for Kirklees)

13<sup>th</sup> November 2019 Full Council Paper relating to Climate Change and Air Quality

<https://democracy.kirklees.gov.uk/documents/s32341/Climate%20Emergency%20report%20for%20Council%20on%2013%20November%202019.pdf>

**10. Service Director responsible**

Angela Blake, Service Director Economy & Skills

Sue Procter, Service Director Environment

## Appendix 1: Climate Emergency Communications

Date	Announcement	Channels	Coverage
15 July 2019	Our programme to replace street lights across the borough to make them more environmentally-friendly has made a significant impact on the authority's carbon footprint.	Kirklees Together <a href="https://kirkleestogether.co.uk/2019/07/15/we-are-reducing-emissions-with-huge-street-light-conversion-scheme/">https://kirkleestogether.co.uk/2019/07/15/we-are-reducing-emissions-with-huge-street-light-conversion-scheme/</a>  Social media	
16 July	We are taking positive steps towards reducing our carbon footprint after declaring a Climate Emergency earlier this year.	Kirklees Together <a href="https://kirkleestogether.co.uk/2019/07/16/we-are-taking-the-climate-emergency-declaration-seriously/">https://kirkleestogether.co.uk/2019/07/16/we-are-taking-the-climate-emergency-declaration-seriously/</a>  Social media Press release	<ul style="list-style-type: none"> <li>• <a href="#">Huddersfield Examiner</a></li> </ul>
20 September	Leader of Kirklees Council Shabir Pandor has welcomed the passion shown locally on the need to address climate change.	Kirklees Together <a href="https://kirkleestogether.co.uk/2019/09/20/the-leader-of-the-council-welcomes-local-passion-for-the-need-to-address-climate-change/">https://kirkleestogether.co.uk/2019/09/20/the-leader-of-the-council-welcomes-local-passion-for-the-need-to-address-climate-change/</a>  Social media Press release	<ul style="list-style-type: none"> <li>• <a href="#">Huddersfield Examiner</a></li> </ul>
5 November 2019	We have produced an innovative plan to reduce air pollution across the borough – supporting our ambitious vision to tackle climate change.	Kirklees Together <a href="https://kirkleestogether.co.uk/2019/11/05/tackling-air-pollution-in-kirklees/">https://kirkleestogether.co.uk/2019/11/05/tackling-air-pollution-in-kirklees/</a>	
12 November 2019	On 12 November the Cabinet will be presented with the CEWP's action plan which sets out an ambition for Kirklees to become a carbon neutral district by at least 2038	Kirklees Together <a href="https://kirkleestogether.co.uk/2019/11/05/we-are-planning-to-tackle-climate-change/">https://kirkleestogether.co.uk/2019/11/05/we-are-planning-to-tackle-climate-change/</a>  Social media Press release	<ul style="list-style-type: none"> <li>• <a href="#">AirQualityNews.com</a></li> <li>• <a href="#">Bradford Telegraph and Argus</a></li> </ul>
14 November	Kirklees Council Leader Shabir	Kirklees Together	<ul style="list-style-type: none"> <li>• <a href="#">Bradford Telegraph and Argus</a></li> </ul>

2019/29 November 2019	<p>Pandor has called on the whole of the borough to get behind the authority's new plan to tackle climate change.</p> <p>Kirklees Council agreed their Climate Emergency and Air Quality Action Plan at their Cabinet meeting on 12 November, and noted it at the Full Council meeting on the 13 November.</p>	<p><a href="https://kirkleestogether.co.uk/2019/11/14/a-climate-plan-for-us-all-to-adopt/">https://kirkleestogether.co.uk/2019/11/14/a-climate-plan-for-us-all-to-adopt/</a></p> <p>Social media Press release</p>	<ul style="list-style-type: none"> <li>• <a href="#">Huddersfield Examiner</a></li> <li>• <a href="#">Dewsbury Reporter</a></li> </ul>
29 November 2019	Kirklees Council is installing new electric vehicle charging points	Kirklees Together Social media Press release	<ul style="list-style-type: none"> <li>• <a href="#">Batley and Birstall News</a></li> <li>• <a href="#">The Press</a></li> <li>• <a href="#">Bradford Telegraph and Argus</a></li> <li>• <a href="#">The Examiner</a></li> </ul>
20 January 2020	Kirklees Council's Cabinet has agreed to invest £2million in electric vehicles and charging points as part of its new ambitious plan to make the borough completely carbon neutral by 2038	Kirklees Together Social media Press release	<ul style="list-style-type: none"> <li>• <a href="#">Government Business</a></li> <li>• <a href="#">Green Fleet</a></li> <li>• <a href="#">Huddersfield Examiner</a></li> <li>• <a href="#">Environment Journal</a></li> </ul>
22 January 2020	This is what Kirklees council is doing to tackle climate change	Press release	<ul style="list-style-type: none"> <li>• <a href="#">Huddersfield Examiner</a></li> </ul>
30 January 2020	Kirklees Council's three budget priorities for 2020-2021	Eight-page supplement in The MJ	<ul style="list-style-type: none"> <li>• <a href="#">The MJ supplement</a></li> </ul>
3 February 2020	The first of more than 100 new electric vehicle charging points being installed in public car parks across Kirklees is now live.	Kirklees Together Social media Press release	<ul style="list-style-type: none"> <li>• <a href="#">Huddersfield Examiner</a></li> </ul>
5 February 2020	Kirklees Council's major investment plans for regeneration, tackling climate change and achieving outstanding children's services over the next year are set to be voted on.	Kirklees Together Social media Press release	<ul style="list-style-type: none"> <li>• <a href="#">Huddersfield Unlimited</a></li> <li>• <a href="#">Public Sector Executive</a></li> <li>• <a href="#">Huddersfield Examiner</a></li> <li>• <a href="#">Dewsbury Reporter</a></li> </ul>