

Three Rivers House Northway Rickmansworth Herts WD3 1RL

CLIMATE CHANGE AND LEISURE COMMITTEE

NOTICE AND AGENDA

Wednesday, 15 October 2025 at 7.30 pm.

SUPPLEMENTARY PAPERS

The following papers have been added to the agenda of the above meeting. They were not available when the agenda was originally published.

Joanne Wagstaffe, Chief Executive

11.2 CLIMATE AND SUSTAINABILITY BI-ANNUAL ACTION PLAN UPDATE

(Pages 3 - 92)

Summary

This report provides an update on the council's performance against the Climate Emergency and Sustainability Strategy 2024-2027 (Appendix 3) and its associated Action Plan detailed at Appendix 2.

Council emissions have reduced by 8% compared to 2018/19, with key reductions driven by upgrades to council buildings. Emissions from council-owned buildings have dropped 13% since 2018/19. Of 23 council emissions actions, 12 are complete, 8 are on track, 2 are retired and just 1 is at risk. Emissions in Three Rivers have decreased by 15.47% from 2018/19 to 2022/23, with the largest reductions in industry (-24.6%) and domestic buildings (-23.1%).

Since March 2025 Three Rivers District Council officers have secured £420,804 external funding to support the delivery of the strategy.

Climate and sustainability terminology used throughout the report are hyperlinked to the glossary, which can be found at the end of this document, in Appendix 1.

Recommendation

That the Committee:

- i. Notes the progress made in delivering the strategy.
- ii. Agrees to the addition of new actions as outlined at paragraph 3.27.
- iii. Give delegated authority to the Director for Environment, in consultation with the Lead Member and Director of Finance, to enter into a contract or funding agreement above the value of £25,000 for delivery of actions within the strategy,

subject to securing external funds to facilitate projects and budget being agreed to support the implementation of the Committee agreed Climate Action Plan.

General Enquiries: Please contact the Committee Team at committeeteam@threerivers.gov.uk

COMMIT REPORT

15/10/2025

Climate Emergency and Sustainability Action Plan Bi-annual Update



CLIMATE CHANGE AND LEISURE COMMITTEE

15/10/2025

PART I

CLIMATE EMERGENCY AND SUSTAINABILITY ACTION PLAN UPDATE

(DfE)

1. Summary

- 1.1 This report provides an update on the council's performance against the Climate Emergency and Sustainability Strategy 2024-2027 (Appendix 3) and its associated Action Plan detailed at Appendix 2.
- 1.2 Council emissions have reduced by 8% compared to 2018/19, with key reductions driven by upgrades to council buildings. Emissions from council-owned buildings have dropped 13% since 2018/19. Of 23 council emissions actions, 12 are complete, 8 are on track, 2 are retired and just 1 is at risk. Emissions in Three Rivers have decreased by 15.47% from 2018/19 to 2022/23, with the largest reductions in industry (-24.6%) and domestic buildings (-23.1%).
- 1.3 Since March 2025 Three Rivers District Council officers have secured £420,804 external funding to support the delivery of the strategy.
- 1.4 Climate and sustainability terminology used throughout the report are hyperlinked to the glossary, which can be found at the end of this document, in Appendix 1.

2. Recommendation

That the Committee:

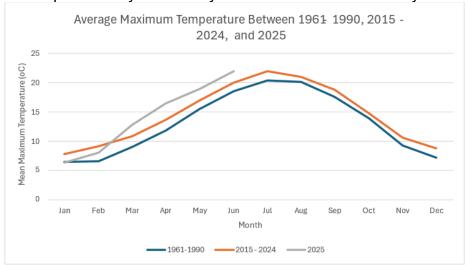
- 2.1. Notes the progress made in delivering the strategy.
- 2.2. Agrees to the addition of new actions as outlined at paragraph 3.27.
- 2.3. Give delegated authority to the Director for Environment, in consultation with the Lead Member and Director of Finance, to enter into a contract or funding agreement above the value of £25,000 for delivery of actions within the strategy, subject to securing external funds to facilitate projects and budget being agreed to support the implementation of the Committee agreed Climate Action Plan.

3. Details

3.1. Following a declaration of a Climate Emergency in May 2019, the council adopted its first Climate Emergency and Sustainability Strategy in 2021. Since 2021, the council has worked to deliver the aims and objectives of that strategy to meet its ambition to be net-zero carbon by 2030 and to support the district in being net-zero carbon by 2045.

Climate Change in the South-East Region

3.2 **Figure 1** below shows the average maximum temperature change in the South- East Region between 1961-1990 and 2022-2025. Temperature data is provided by the Hadley Centre and is released daily.^{1; 2; 3.}



3.3 Average maximum temperatures in the South East of England have increased by 1.5°C between 1961–1990 and 2015-2024; with 2025 being even warmer. Some climate change effects are already locked in, so temperatures are likely to keep rising. Even if the world reached <u>net zero</u> tomorrow rising temperatures pose serious risks to residents, infrastructure, food, water, and local wildlife, and highlight the importance of this action plan.

Council Operation Emissions

3.4 The Council's scope 1,2 and 3 emissions over the last 7 years are shown in Figure 2 below. Emissions are calculated from council-owned sites' electricity, gas and water usage and fuel usage of council vehicles. Tonnes of CO₂ e are calculated using conversion factors published annually by the Department for Energy Security and Net Zero.

Figure 2:

Year	Tonnes <u>CO</u> ₂ e	% Annual Reduction from base year 2018/19
April 2018-March 2019		
(BASELINE)	2,227	

April 2019-March 2020	2,390*	+7%
April 2020-March 2021	2,153**	-3%
April 2021-March 2022	2,113	-5%
April 2022-March 2023	2,100	-5%
April 2023-March 2024	2,159	-3%
April 2024-March 2025	2,044	-8%

^{*2019/20} Scope 1&2 CO2e fell, but the leisure centres (scope 3) increased by 26%^{6,7}

- 3.5 Council emissions are now falling as the actions taken since 2019 are beginning to show results. Notable progress includes the installation of an <u>Air Source Heat Pump (ASHP)</u> at Three Rivers House and 500 <u>solar panels</u> at William Penn Leisure Centre (WPLC) in November 2024, both of which deliver measurable carbon savings.
- 3.6 The current action plan focuses on council-owned buildings, where emissions have decreased by 13%, from 1,370tCO₂e in 2018/19 to 1,191tCO₂e in 2024/25. Figure 3 illustrates the carbon impact of the ASHP, showing 80tCO₂e less than in 2018. The rise in emissions between 2023/24 and 2024/25 is due to the police expanding into an additional area of the building, increasing energy consumption by approximately 20tCO₂e.

Figure 3: Carbon impact of the air source heat pump at Three Rivers House.

Tonnes							
CO2e	18/19	19/20	20/21	21/22	22/23	23/24	24/25
Gas	53	61	55	38	82	0	5
electricity	147	132	79	90	102	106	116
total	200	193	134	127	184	106	121

Figure 4: Utility Cost for Three Rivers House

Year	Gas	Electric	Total
2022/23	£18,000	£122,523	£140,532
2023/24 ASHP installed	£0	£164,677	£164,677
2024/25	£1,304*	£145,115	£146,418

3.8 The total utility cost is £6,000 higher than in the pre-installation year 23/24, primarily due to the police expansion. Additionally, standing charges have increased by £7,500 since 22/23. While the unit cost of electricity decreased from 36p per unit in 22/23 and 23/24 to 24p in 24/25, the overall utility cost remains elevated. Although TRDC owns and operates Three Rivers House building, energy consumption by tenants is outside the council's direct control. To enable more accurate emissions allocation, the Facilities Team is currently exploring the installation of electric submetering.

^{**}Covid 19 lockdown commenced March 2020

Progress against the 2024-2027 Council Emissions Action Plan

3.9 Appendix 2 gives a detailed view of current actions and their progress, with Figure 5 below providing an overview of Action Progress regarding Council Emissions

Figure 5

Council Emissions Action Progress	Building, Emissions and Energy	Travel and Air Quality	Waste and Resources	and	Adaptation and resilience	Other	Total
Delayed and vulnerable to not happening	0	1	0	0	0	0	1
Delayed but still progressing	0	0	0	0	0	0	0
In Progress - On Track	4	2	0	0	1	1	8
Completed	3	2	2	1	1	3	12
Not Started	0	0	0	0	0	0	0
Retired	0	1	0	1	0	0	2
Total	7	6	2	2	2	4	21

- 3.10 The single red RAG-rated action is that relating to the council fleet. Due to upcoming service and infrastructure changes, anticipated as a result of Local Government Reform, and barriers around finance and technology, the implementation of this action has been delayed.
- 3.11 Further information on progress against Council emissions can be found on the website here.

Council Emission Highlights from February – July 2025:

3.12 A costed Building <u>Decarbonisation</u> Action Plan for the Council's core buildings has identified 7 priority projects for the next three years; rooftop solar panels on Three Rivers House and South Oxhey Leisure Centre, cavity wall insulation for Three Rivers House and Watersmeet Theatre, efficiency measures at William Penn Leisure Centre, and 3 car park <u>solar canopies</u> (all of which are subject to acceptable business cases and committee approval).

Figure 6: William Penn Solar PV Performance January – June 2025.

	Utility Bill Savings	T CO2e Saved
Forecast	£15,846	45
Actual	£17,373	50
+/- Forecast	£1,527	5

- 3.13 An initial feasibility study, funded by the <u>Community Energy Fund</u>, on 7 TRDC-owned car parks assessed as having the most potential for <u>solar canopies</u> was completed. A further £75,000 grant from the Investment Readiness Service Grant, provided by the Greater South East Net Zero Hub was obtained to develop detailed financial and technical feasibility studies for the three most viable car park sites (South Oxhey Leisure Centre, William Penn Leisure Centre, and the Rose Garden car park at Three Rivers House).
- 3.14 Electric Vehicle Charge Points (EVCP) installations have started in several car parks across the district. Funding was secured from the Office for Zero Emission Vehicles' On-street Residential Charge point Scheme and from the Community Infrastructure Levy. There is also a contribution from Blink Charging, the chosen Charging Point Operator. Details of the sites in progress are shown in figure 7 below.

Figure 7 - EVCP Locations

Location	Expected number of charging sockets	Progress
Community Way Car Park, Croxley Green, WD3 3HF	7.4kW chargers x4	Undergoing further review by the project team to enable the required grid connection works to take place.
High Street West Car Park (adjacent to M&S), Rickmansworth, WD3 1AY	7.4kW chargers x4 50kW x2	Installation in progress – awaiting connection works
Talbot Road West, Rickmansworth, WD3 1HD	7.4kW chargers x4	Installation in progress – awaiting final commissioning
Henbury Way Car Park, South Oxhey, WD19 7EP	7.4kW chargers x4 50kW x2	Complete
Ferry Car Park, Lower Road, Chorleywood, WD3 5LB	7.4kW chargers x6 50kW x2	Complete

Causeway House Car Park, High Street, Abbots Langley, WD5 0AN	7.4kW chargers x6 50kW x2	Complete
William Penn Leisure Centre, Mill End, WD3 8JN	7.4kW chargers x8 (of which 4 are blue badge holders only) 50kW x2	Installation in progress – awaiting connection works
South Oxhey Leisure Centre, Gosforth Lane, WD19 7AX	7.4kW chargers x6 (of which 3 are blue badge holders only)	Complete
Three Rivers House (lower deck), Rickmansworth, WD3 1EA	7.4kW chargers x4 50kW x2	Complete

3.15 Further to the withdrawal of <u>Public Sector Decarbonisation Funds</u> announced by Salix on 12/06/25 after the Government's Spending Review, the business case to install a <u>Ground Source Heat Pump</u> at William Penn is no longer viable, and so this project will not progress at this time.

Next Steps to progress Climate Emissions actions: July 25 - March 26

- 3.16 Subject to approval at Policy and Resources Committee in September 2025, installation of rooftop solar PV will take place at South Oxhey Leisure Centre and Three Rivers House.
- 3.17 Detailed business cases for the installation of <u>solar canopies</u> to the car parks at Rose Garden, South Oxhey and William Penn Leisure Centres will be completed and are expected to report to the Committee in Summer 2026.
- 3.18 An Offsetting Principles report will be presented to the Committee in January 2026, outlining officers' proposed approach to the offsetting any of the Council's residual operational emissions to support the attainment of net zero. The report will identify challenges and opportunities for offsetting within the district.

District Emissions

- 3.19 The Department of Energy and Net Zero annually publishes <u>territorial emissions</u> by local authorities; this report is published with a 2-year lag, with the most recent publication releasing the figures for 2023.
- 3.20 Between 2022 and 2023, greenhouse gas emissions decreased in 340 of the 361 local authorities in the UK. This is consistent with the 4% fall in overall UK emissions in 2023, largely considered to be a result of a reduction in fuel use to heat buildings¹. Figures 8 and 9 below displays the <u>Greenhouse Gas</u> Emissions change in Three Rivers District between 2018 and 2023. Between 2022 and 2023

they fell by 4%¹. The significant fall in emissions in 2020 was caused by COVID-19 lockdown, then a return to 'normal' 2021.

Figure 8: District Greenhouse Gas Emissions

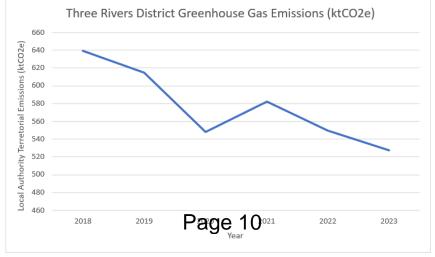
Figure 9: District Greenhouse Gas Emissions by Sector

	2018	2019	2020	2021	2022	2023	By sector crease/decrea se reduction 2018 vs 2023
Agriculture	2834	2686	2687	2793	2529	2523	-10.95%
ommercial	51831	44435	38500	44675	47711	41969	-19.03%
Domestic	154543	148093	146210	149462	129988	118906	-23.06%
Industry	56388	58365	52146	59205	45424	42540	-24.56%
LULUCF	-7079	-7268	-7227	-7047	-6831	-6839	-3.40%
Public Sect or	17198	16507	16188	18626	15100	13829	-19.59%
Transport	333195	320246	271303	288003	290012	287676	-13.66%
Waste	50.90	50	45	48	48	48	-6.48%
Total	615960. 90	586114	521852	560765	534981	520652	-15.47%

- 3.21 Domestic buildings are showing the second largest net decline of all sectors, the national average reduction of 22.8% with Three Rivers tracking slightly faster at 23.06%¹.
- 3.22 Transport is the largest sector and since a decline in emissions in 2019 arising from Covid19, transport-related emissions have stabilised around 10% less.
- 3.23 Appendix 2 presents the detail on progress on district actions, with a summary below:

Figure 10: Overview of Action Progress – District Emissions Action Plan.

Three Pivers District Greenhouse Gas Emissions (ktCO2e)



District Emissions Action Progress	Building, Emissions and Energy	Travel and Air Quality	Waste and Resources	and	Sustainable Living	Adaptation and resilience	Total
Delayed and vulnerable to not happening	0	0	0	0	0	0	0
Delayed but still progressing	1	1	0	1	0	0	3
In Progress - On Track	5	5	1	8	3	2	24
Completed	5	2	3	6	6	6	28
Not Started	1	0	1	4	0	0	6
Retired	1	0	1	0	1	0	3
Proposed Actions	3	3	0	3	3	1	13
Total							77

- 3.24 Actions which are delayed but still progressing are a result of change in Officer resource, and withdrawal of government funding schemes.
- 3.25 The 6 actions "not yet started", are those where there is currently not officer capacity available, but these actions are still due to be completed within the timeframe of the Strategy, or they relate to actions which cannot currently be commenced as they will follow the completion of other works.
- 3.26 The 3 "retired" actions are a result of duplication or changes of ownership, with responsibility now resting with other stakeholders such as community groups or Hertfordshire Climate Change and Sustainability Partnership.
- 3.27 The action in Row 5 has been amended to reflect the restructuring the <u>Local Area Energy Plan</u> (LAEP) into a Three Rivers Energy Plan.

Proposed new actions for District Emissions - full details can be found in Appendix 2.

- 3.28 10 new actions are proposed to be added to the Action Plan:
 - 3.28.1 Support the delivery of the Hertfordshire Retrofit Strategy as a member of the Hertfordshire Retrofit Partnership agreed by this Committee in July 2025.
 - 3.28.2 Build a network of local businesses and support them to decarbonise non-domestic buildings with technical support and support to bid for external funding where possible.
 - 3.28.3 Work to secure feasibility funding for a <u>Heat Network</u> powered by the recently approved data centre in Abbots Langley.

- 3.28.4 Develop a <u>sustainable travel</u> communications plan for encouraging active travel, EVs and public transport.
- 3.28.5 Facilitate the establishment or re-invigoration of at least one community garden or biodiversity hub on non-Council-owned land in each parish in Three Rivers, maintained by volunteers.
- 3.28.6 Support Services for Young People to create and maintain gardens/growing spaces in West Hyde Youth Club. Explore opportunities with Three Rivers local schools, youth councils and scout groups, as part of Community Growing Spaces Working Group.
- 3.28.7 Re-design Environmental Forum with residents and key stakeholders to maximise participation and engagement with hard-to-reach groups.
- 3.28.8 Establish a "Three Rivers Green Champions Awards" and a prize for winners and nominees, annually until 2028.
- 3.28.9 Encourage and promote environmental and sustainability focused volunteering by promoting the GoVol Herts volunteer database to potential volunteers and charities seeking volunteers, and signposting opportunities clearly on TRDC website.
- 3.28.10 Embed <u>Climate adaptation</u> consideration into procurement tenders.

Highlights from District Emissions Action Plan February – July 2025:

- 3.29 Development funding of £736,515 has been awarded by the Heritage Fund to help Three Rivers progress their plans to apply for a full National Lottery grant of £4m in the future for the Water, Wildlife and Wellbeing at Rickmansworth Aquadrome project.
- 3.30 The Three Rivers Electric Vehicle Charging Strategy was adopted at Full Council on the 25 February 2025. This document details an approach for developing a public charging network covering council owned car parks and on-street residential parking.
- 3.31 The updated LCWIP following public consultation was agreed for adoption by TRDC at Full Council on the 22 July 2025. Next steps are for HCC to adopt this and detail design proposals to be developed for interventions.
- 3.32 A Careers fair was held in March 2025, in partnership with Watford Borough Council and Hertfordshire Futures for Secondary Schools across Watford and Three Rivers. Over 1000 students and job seekers attended to speak to local businesses including Warner Brothers, Skanska, Asos, and Woodoaks Farm,

- there was also significant representation from Three Rivers Council. While the Careers Fair was a general one, Green Careers were highlighted and promoted.
- 3.33 Your Tree our Future was exceptionally popular in 2025 with over 7902 trees ordered. They are due to be collected on 6th December 2025 at Woodoaks Farm.
- 3.34 In the 2025 round of <u>Solar Together</u> Three Rivers had 454 registrations for <u>solar</u> and/or batteries, with 82 residents paying deposits. Installations are underway. Of the Hertfordshire residents who declined the offer and completed the survey, the three most common reasons for declining were: higher costs, personal financial situation, and no reason, in that order.
- 3.35 Draft net-zero policies for new build energy efficiency standards above current Building Regulations have been progressed through the Local Plan Committee and have been incorporated into the Regulation 19 Local Plan Consultation which commenced July 2025. These draft policies aim to secure highly energy efficient new housing which is more closely aligned with <u>net zero</u> targets than current Building Regulations under the Future Homes Standard.
- 3.36 Secured £3.75 million for Three Rivers district and Watford Borough from the Department for Energy Security and Net Zero's Warm Homes Local Grant scheme. The scheme aims to improve approximately 127 lower-income and energy inefficient privately rented and owner-occupied homes in the district from 2025-2028.
- 3.37 The Council endorsed the Hertfordshire Retrofit Strategy at the Climate Change and Leisure Committee on 02/07/25, committing to be part of a coordinated countywide approach to advance domestic retrofit and address climate change in Hertfordshire.
- 3.38 The Fast Followers project totalling £298,000 funded by Innovate UK, completed on 30th June 2025 (full project report will be circulated via Members Information Bulletin when available)
- 3.39 A Retrofit One Stop Shop (ROSS) service was trialled with the National Energy Foundation; service was trialled with the National Energy Foundation; delivery of 100 subsidised Home Energy Retrofit Options (HERO) plans to homeowners in "hard to treat" properties. This resulted in 24 residents proceeding to retrofit their homes (22 of which were classified as "hard to treat"). The conversion rate is slightly better than other retrofit advice services NEF have delivered in the past (20% conversion from plan to retrofit measures being installed). The success of the pilot service has helped to establish a blueprint for a similar retrofit advice service to be scaled across the county as part of the Hertfordshire Retrofit Strategy, in the future.
- 3.40 Grand Union Community Energy progressed recognition of community energy as a finance solution for community building and school <u>decarbonisation</u> and trialled the

<u>Transition Streets</u> programme as an approach to sustainable behavioural change. Three neighbour-based groups (comprising 22 residents) in Chorleywood, Moor Park, and Rickmansworth completed the programme (as well as a TRDC staff group which is in progress, and a neighbour-based group in nearby Watford) and implemented a variety of positive changes to their homes, gardens and lifestyles as a result – more information will be available in the report to be circulated in the Members Information Bulletin.

- 3.41 Officers evaluated and identified the most impactful and viable <u>decarbonisation</u> projects for its own buildings. Seven of the most impactful and viable near-term projects have been selected for further business case development and implementation from 2025-2028.
- 3.42 The externally funded "Community Conversations" climate change consultation completed. 20 'conversation starters' from Three Rivers had 92 discussions with friends, family and neighbours about what would make Three Rivers an even better place to live in the future, and how the Council and community can work together to positively respond to climate change locally. This community consultation was an additional project which was fully funded by the Fast Followers programme and delivered by public participation charity, Involve. The outcome of the exercise was the creation of a positive vision for Three Rivers in 2045 and a set of near-term recommendations for action for the council to consider all entirely authored by the resident participants. The viable recommendations have been incorporated into this Action Plan update, following consultation with relevant officers.
- 3.43 A Film screening of Ocean with David Attenborough was held at Watersmeet Theatre on 12 June as part of Great Big Green Week. The screening was fully booked, with over 300 people attending on the night to understand more about harmful, unsustainable fishing practices.
- 3.44 The Three Rivers Energy Plan (formerly the Three Rivers LAEP) is currently being developed. Business engagement has commenced, with in person meetings and a survey being shared with local businesses to gather information on their current and future energy use. We have responded to the trategic Plan (tRESP) to inform regional infrastructure plans. Furthermore, we are working on providing the local District Network Operator UK Power Networks, with information on any upcoming large developments or significant Low Carbon Technology deployment (such as Solar, Heat Pumps or EV charge points) in order to plan the necessary electrical infrastructure upgrades into their work plans.
- 3.45 We have applied for £100k feasibility funding for a <u>Heat Network</u> powered by the waste heat from the recently approved data centre. The application included letters of support from Watford Burrough Council, NHS England on behalf of the new Watford Hospital, Watford Community Housing Trust, and the developer Greystoke.

Next steps to progress District Emission actions: July 25 - March 26

- 3.46 Delivery of the 2025/26 tranche of Warmer Homes Local Grant (WHLG) (£345,803) will take place for approximately 22 eligible privately rented and owner-occupied homes in Three Rivers. The funds double in year 2 and 3 allowing approximately 50 eligible Three Rivers properties per year to be supported.
- 3.47 Continue partnership working with Grand Union Community Energy to promote energy efficiency initiatives to residents and community organisations in the district and deliver <u>Transition Streets</u> to approximately 10 more groups.
- 3.48 Support the implementation of the Hertfordshire Retrofit Strategy through active participation in discussions and sharing the learnings of our Retrofit One Stop Shop (ROSS).
- 3.49 Consultation is currently underway on new draft net-zero and energy efficiency policies as part of the Local Plan.
- 3.50 Officers will continue to develop draft Three Rivers Energy Plan utilising feedback from local businesses, information from the proposed Local Plan, and data from the UK Power Networks. Local Business Engagement will increase to understand current and future energy use and needs to help inform electrical infrastructure upgrades. Questionnaires are being sent to local businesses, targeting industrial estates previously identified, and will be shared via the TRDC Business Newsletter with over 1000 recipients. More in-depth conversations will happen with key businesses with higher energy use. The relationships built through this engagement will be used to support local businesses to decarbonise in the future.

4. Options and Reasons for Recommendations

- 4.1. The Council declared a Climate Emergency and agreed a strategy in 2021, which was revised in 2023. It was agreed on adoption of the strategy that a report would be brought to the committee bi-annually to report on progress against the strategy and its action plan. No other option was therefore considered.
- 4.2. When external funding is received, the turnaround time for acceptance of funds and delivery of projects is often short and would be delayed by waiting for committee cycles for approvals. It is for this reason that delegation is sought regarding acceptance and spend of external funds secured to deliver the agreed action plan.

5. Policy/Budget Reference and Implications

- 5.1. The recommendations in this report are within the council's agreed policy and budgets. The budgets associated with the actions are identified within the report and its appendices. Most identified actions are achievable within existing budgets; except where additional external funding is required or business cases are required to be submitted to Policy and Resources against the capital programme budget. The sustainability revenue budget is being used to secure external funds and deliver against agreed net_zero projects as outlined in this report. Officers will report in further detail on 2025-26 spend in the March committee report.
- 5.2. The recommendations in this report relate to the achievement of the following performance indicators:
 - CP50 District carbon emissions reported as tCO₂e equivalent.
 - CP52 Council Operations Carbon emissions reported as tCO₂e equivalent.
- 5.3. The impact of the recommendations on this/these performance indicator(s) is:
 - The Actions and progress against these KPIs are our road map to reducing both the council's own operational emissions and supporting the district in reaching net-zero, and therefore achieving the PIs.
- 6. Legal, Equal Opportunities, Staffing, Environmental, Community Safety, Public Health, Customer Services Centre, Communications & Website, Risk Management and Health & Safety Implications

Legal Implications

- 6.1. Contract work will be required on certain projects, and these will be managed on a case-by-case basis.
- 6.2. Under the Council's Constitution, committee approval is required to enter *any* contracts above the value of £25,000. The recommendations request Director delegation of this, under specified circumstances, namely in relation to externally funded projects properly procured.

Equal Opportunities Implications

6.3. A Short Equality Impact and Outcome Assessment has been completed and can be found at Appendix 4. There are no negative impacts identified as arising from the proposals within the Action Plan and its delivery to date. Equality Impact Assessments will be conducted for specific actions and proposals on a project-by-project basis.

Staffing Implications

6.4. All service areas are and will continue to be involved with the delivery of the Action Plan, supported by the Climate Change team.

Environmental Implications

- 6.5. The Climate Emergency and Sustainability Action Plan reported in this report supports the Council and District to reduce emissions to net-zero carbon and increase sustainability across a wide range of areas. Furthermore, the Action Plan will support the mitigation of the impacts of the Climate Emergency.
- 6.6. A sustainability impact assessment can be found at Appendices 5 resulting in a score of 3.8/4.

Homes, buildings, infrastructure, equipment and energy	3.75
Travel	3.33
Goods and Consumption	4.00
Ecology	4.00
Adaptation	3.50

6.7. Achieving the actions in this Action Plan will improve community safety across the district through reducing the risks associated with the Climate Emergency, including wildfires, floods, and heatwaves.

Public Health implications

- 6.8. The Action Plan will contribute to the prevention of deterioration of health and well-being issues arising from the consequences of climate change such as overheating, skin cancers, decline in productivity, and respiratory illnesses.
- 6.9. Improvements in Home Energy Efficiency through <u>retrofit</u> work will improve environmental quality within homes and reduce energy bills, thereby assisting in reduction of financial anxiety related to household bills and benefitting physical health by improving the warmth and air quality within homes and preventing damp and mould.

Customer Services Centre Implications

6.10. Customer Services are briefed on a project-by-project basis.

Communications and Website Implications

- 6.11. The website is crucial to this strategy as the repository for the information regarding all relevant projects and initiatives.
- 6.12. The district emissions ambition in the strategy demonstrates the need for sustained engagement with the residents, businesses, and communities in the district to encourage a shift to more sustainable behaviours. The climate change team works closely with the communications team and will continue to do so.
- 6.13. Briefings are held with members as required to optimise the chances of success of the various initiatives.
- 6.14. Active engagement will continue to be essential with the Local Strategic Partnership, parish councils, schools, resident associations, housing associations, activist, and conservation groups.

Risk and Health & Safety Implications

- 6.15. The Council has agreed its risk management strategy which can be found on the website at http://www.threerivers.gov.uk. In addition, the risks of the proposals in the report have also been assessed against the Council's duties under Health and Safety legislation relating to employees, visitors and persons affected by our operations. The risk management implications of this report are detailed below.
- 6.16. The subject of this report is covered by the Climate and Sustainability service plan. Any risks resulting from this report will be included in the risk register and, if necessary, managed within this plan.

Nature of Risk	Consequence	Suggested Control Measures	Response	Risk Rating
The Council fails to act to reduce its' CO2 emissions	The Council Net Zero target of 2030, Corporate Framework net zero carbon theme and requirements of the Climate and Emergency Sustainability Strategy are unlikely to be met unless a coordinated programme of activity is implemented. And importantly the Council will not be addressing the Climate Emergency and thus will contribute further to the increase in global warming	For the Committee to note and continue to provide a mandate for officers to progress the actions identified.	Treat	6

	and its' consequences.			
The Council fails to consider adaptation requirements to climate change	Services provided by the council are disrupted by extreme weather conditions, some of which could have been avoided with preplanning. Customers are impacted by extreme weather conditions, some of which may have been avoidable with pre-planning	Continue to measure the risks and implement the actions associated with the risk register.	Treat	6

- 6.17. In the officer's opinion the risk that the Council fails to act to reduce its emissions would seriously prejudice the achievement of the Strategic Plan and therefore presents a strategic risk.
- 6.18. The above risks are scored using the matrix below. The Council has determined its aversion to risk and is prepared to tolerate risks where the combination of impact and likelihood scores 6 or less.

7 Data Quality

- 7.1 Data Sources cited in the report are:
- 1. Parker, D.E., T.P. Legg, and C.K. Folland. 1992. A new daily Central England Temperature Series, 1772-1991. Int. J. Clim., Vol 12, pp 317-342
- 2. Legg, T. et al. (2024) 'An update to the central England Temperature Series—hadcet v2.1', Geoscience Data Journal, 12(1).
- 3. National Climate Information Centre (2025) Hadley Centre Central England Temperature (hadcet) dataset, Met Office Hadley Centre observations datasets. Available at: https://www.metoffice.gov.uk/hadobs/hadcet/ (21 July 2025).
- Department for Energy Security and Net Zero (2025) Government conversion factors for company reporting of greenhouse gas emissions, GOV.UK. Available at: https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting (Accessed: 21 July 2025).
- Department for Energy Security and Net Zero (2025); UK greenhouse gas emissions: Local Authority and regional, data.gov.uk. Available at: https://www.gov.uk/government/collections/uk-local-authority-and-regional-greenhouse-gas-emissions-statistics (Accessed 03 July 2025)
- 6. Three Rivers District Council Carbon Dashboard

7. (2022) Three Rivers District Council – District Wide Carbon Emissions and Net Zero Trajectory. rep. ASPE Energy. Available at:

https://cdn.threerivers.gov.uk/files/2023/02/f4f79320-aba6-11ed-870e-5570abac2882-apse-energy-three-rivers-district-wide-footprint-baseline-report.pdf.

Data checked by:

Rory Shenton

Data rating:

1	Poor	
2	Sufficient	X
3	High	

8 Appendix 1: Glossary of Environmental Terms and References

Adaptation (Climate Adaptation)

Actions that reduce vulnerability to climate change impacts by adjusting infrastructure, ecosystems, or human behaviour.

Air Source Heat Pump (ASHP)

A low-carbon heating technology that extracts heat from outside air to heat buildings and water, even in cold temperatures.

Carbon Dioxide Equivalent (CO₂e)

A unit used to measure the global warming potential of different greenhouse gases, expressed as the amount of CO₂ that would have the same impact.

Community Energy Fund

A government grant to support the development of community-led renewable energy projects.

Decarbonisation

The process of reducing or eliminating carbon dioxide and other greenhouse gas emissions from activities such as transport, heating, and power generation.

Emissions Scope (1, 2, 3)

- **Scope 1**: Direct emissions from sources controlled by the council (e.g. gas boilers, fleet vehicles).
- Scope 2: Indirect emissions from purchased energy.

• **Scope 3**: Indirect emissions from activities not owned or controlled by the council, like procurement or business travel.

Fast Followers Programme

An Innovate UK-funded programme supporting local authorities in accelerating climate action and delivering replicable, scalable climate solutions.

Greenhouse Gases (GHGs)

Gases that trap heat in the atmosphere and contribute to climate change, including CO_2 , methane (CH_4) , and nitrous oxide (N_2O) .

Ground Source Heat Pump

A renewable heating technology that extracts heat from the ground for use in heating buildings.

Heat Network

A system for distributing heat generated in a centralised location to residential and commercial buildings through a network of insulated pipes.

Local Area Energy Plan (LAEP)

A data-driven framework to plan for the energy transition at the local level, considering future electricity and heating needs.

Low Carbon Technologies (LCTs)

Technologies that produce less greenhouse gas emissions compared to traditional fossil fuels, e.g. solar PV, heat pumps, and EVs.

Mitigation (Climate Mitigation)

Actions that reduce the amount or speed of future climate change, usually by cutting emissions or enhancing carbon sinks.

Net Zero Carbon

Achieving a balance between the greenhouse gases put into the atmosphere and those removed or offset.

Carbon Offsetting

Compensating for carbon dioxide emissions resulting from council operational activity by investing in projects that reduce or remove emissions elsewhere, such as tree planting or renewable energy production.

Public Sector Decarbonisation Scheme (PSDS)

A UK government funding programme supporting energy efficiency and low-carbon heat in public sector buildings.

Retrofit (Home Energy Retrofit)

Improving the energy efficiency of existing buildings through insulation, heating system upgrades, glazing improvements, etc.

Retrofit One Stop Shop (ROSS)

A comprehensive technical advice service for homeowners in the district that offers free, independent guidance and support on planning retrofit, identifying funding and finance options for retrofit and finding accredited installers.

Solar Canopies

Structures installed over car parks or other open spaces with solar photovoltaic (PV) panels to generate renewable electricity.

Solar Photovoltaic (PV)

A renewable energy technology that converts sunlight directly into electricity using solar panels.

Solar Together

Solar Together is a **group-buying scheme**, delivered by iChoosr and in partnership with all 10 Local Authorities in Hertfordshire, that enables homeowners to register for free and, through a reverse auction, secure **high-quality solar PV panels** (and optional battery storage or EV charge points) at **competitive prices**—all while being supported throughout the process by vetted installers and dedicated helpdesks. It has been run three times across Hertfordshire to date.

Standing Charges

Fixed daily charges applied to energy bills, regardless of how much energy is used.

Sustainable Travel

Transport options that are environmentally friendly, such as walking, cycling, public transport, and electric vehicles.

Territorial Emissions

Greenhouse gas emissions from sources located within a specific geographical area, excluding imports and exports.

Transition Streets

A community-led behavioural change programme encouraging sustainable living by engaging small groups of neighbours in actions to reduce carbon footprints.

Tonne of Carbon Dioxide Equivalent (tCO₂e)

A standard unit for measuring carbon footprints, representing one metric tonne of CO₂ or its equivalent in other GHGs.

Utility Costs

The costs associated with electricity, gas, water, and other essential building services.

Background Papers

APPENDICES / ATTACHMENTS

Appendix 1: Glossary of Environmental Terms and References

Appendix 2: Climate Emergency and Sustainability Strategy Action Plan 2024 - 2027

Appendix 3: TRDC Climate Emergency and Sustainability Strategy 2023 - 2027

Appendix 4: Equalities Impact Outcome Assessment

Appendix 5: Climate and Sustainability Impact Assessment





Appendix 5: Glossary of Environmental Terms and References

1. Adaptation (Climate Adaptation)

Actions that reduce vulnerability to climate change impacts by adjusting infrastructure, ecosystems, or human behaviour.

2. Air Source Heat Pump (ASHP)

A low-carbon heating technology that extracts heat from outside air to heat buildings and water, even in cold temperatures.

3. Carbon Dioxide Equivalent (CO₂e)

A unit used to measure the global warming potential of different greenhouse gases, expressed as the amount of CO₂ that would have the same impact. Usually represented as tCO₂e (tonnes of Carbon Dioxide equivalent).

4. Community Energy Fund

A government grant to support the development of community-led renewable energy projects.

5. Decarbonisation

The process of reducing or eliminating carbon dioxide and other <u>greenhouse gas</u> emissions from activities such as transport, heating, and power generation.

6. Emissions Scope (1, 2, 3)

- Scope 1: Direct emissions from sources controlled by the council (e.g. gas boilers, fleet vehicles).
- Scope 2: Indirect emissions from purchased energy.
- Scope 3: Indirect emissions from activities not owned or controlled by the council, like procurement or business travel.

7. Fast Followers Programme

An Innovate UK-funded programme supporting local authorities in accelerating climate action and delivering replicable, scalable climate solutions.

8. Greenhouse Gases (GHGs)

Gases that trap heat in the atmosphere and contribute to climate change, including CO_2 , methane (CH_4) , and nitrous oxide (N_2O) .

9. Ground Source Heat Pump (GSHP)

A renewable heating technology that extracts heat from the ground for use in heating buildings.

10. Heat Network

A system for distributing heat generated in a centralised location to residential and commercial buildings through a network of insulated pipes.

11. Investment Readiness Scheme (IRS)

The IRS Grant comprises a £750,000 fund managed by Greater South-East Net Zero Hub to support public sector organisations' project development costs.

12. Local Area Energy Plan (LAEP)

A data-driven framework to plan for the energy transition at the local level, considering future electricity and heating needs.

13. Low Carbon Technologies (LCTs)

Technologies that produce less greenhouse gas emissions compared to traditional fossil fuels, e.g. solar PV, heat pumps, and EVs.

14. Mitigation (Climate Mitigation)

Actions that reduce the amount or speed of future climate change, usually by cutting emissions or enhancing carbon sinks.

15. Net Zero Carbon

Achieving a balance between the greenhouse gases put into the atmosphere and those removed or offset.

16. Offsetting (Carbon Offsetting)

Compensating for carbon dioxide emissions resulting from council operational activity by investing in projects that reduce or remove emissions elsewhere, such as tree planting or renewable energy production.

17. Public Sector Decarbonisation Scheme (PSB)GE 27

A UK government funding programme supporting energy efficiency and low-carbon heat in public sector buildings.

18. Regional Energy Strategic Plan (RESP)

A means of strategic energy planning, coordinated by the National Energy System Operator (NESO), focusing on the development of the energy system in the transition towards a decarbonised energy system at a regional level.

19. Retrofit (Home Energy Retrofit)

Improving the energy efficiency of existing buildings through insulation, heating system upgrades, glazing improvements, etc.

20. Retrofit One Stop Shop (ROSS)

A comprehensive technical advice service for homeowners in the district that offers free, independent guidance and support on planning retrofit, identifying funding and finance options for retrofit and finding accredited installers.

21. Solar Canopies

Structures installed over car parks or other open spaces with <u>solar photovoltaic (PV) panels</u> to generate renewable electricity.

22. Solar Photovoltaic (PV)

A renewable energy technology that converts sunlight directly into electricity using solar panels.

23. Solar Together

Solar Together is a group-buying scheme, delivered by iChoosr and in partnership with all 10 Local Authorities in Hertfordshire, that enables homeowners to register for free and, through a reverse auction, secure high-quality solar PV panels (and optional battery storage or EV charge points) at competitive prices—all while being supported throughout the process by vetted installers and dedicated helpdesks. It has been run three times across Hertfordshire to date.

24. Standing Charges

Fixed daily charges applied to energy bills, regardless of how much energy is used.

25. Sustainable Travel

Transport options that are environmentally friendly, such as walking, cycling, public transport, and electric vehicles.

26. Territorial Emissions

<u>Greenhouse gas</u> emissions from sources located within a specific geographical area, excluding imports and exports.

27. Transition Streets

A community-led behavioural change programme encouraging sustainable living by engaging small groups of neighbours in actions to reduce carbon footprints.

28. Transitional Regional Energy Strategic Plan (tRESP)

Part of the Regional Energy Strategic Plan, focusing on supporting the development of the electricity distribution network operator (DNO) business plans for their next investment period 2028-2033.

Please do not move or edit boxes as the tracker pulls from here

Progress Key
Delayed and vulnerable to not happening
Delayed but still progressing
In Progress - On Track
Completed
Not Started
Retired
New Action

Council Themes	District Themes				
Buildings, Emissions and Energy	Housing, Buildings, Energy and Emissions				
Travel and Air Quality	Travel and Air Quality				
Circular Economy/Waste and Resources	Circular Economy/Waste and Resources				
Nature and Water	Nature and Water				
Adaptation and resilience	Sustainable Living				
Other	Adaptation and resilience				

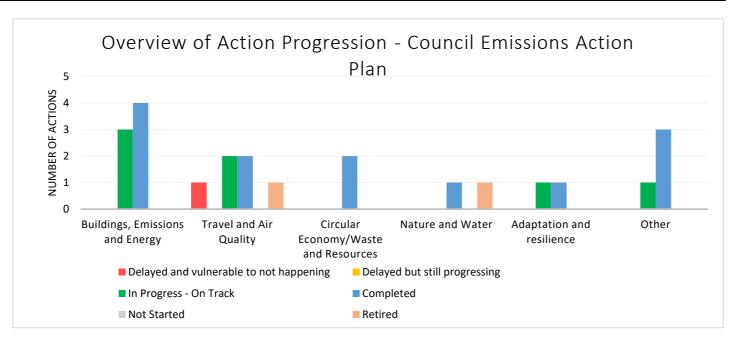
	Reduce emissions in the district by 14% annually 2023 - 2027
	Reduce total household waste collected at the kerbside by 50% by 2042 against 2019 levels.
	Reach 65% recycling rate for household waste by 2035.
Ú	Increase biodiversity and improve terrestrial and
שבש	aquatic landscapes.
D	Influence residents and stakeholders to live, work and
\mathcal{Q}	travel more sustainably.
	Build a climate resilient community adaptable to
	climate change.

District KPIs/Objectives

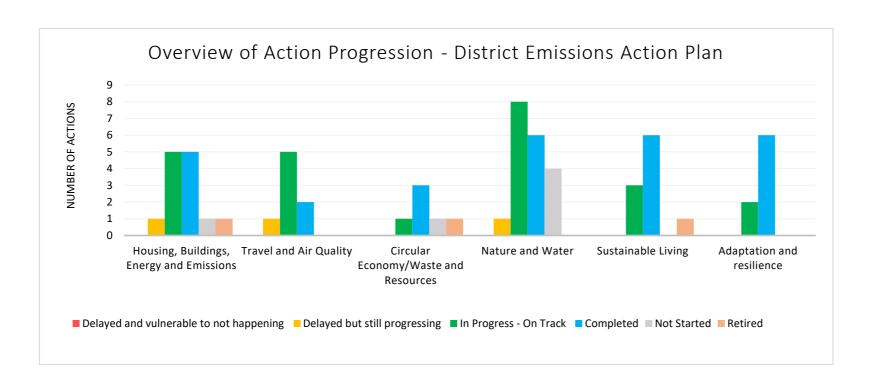
Council Objectives
Net-zero emissions for council operations by 2030
Improve biodiversity and/or water quality
Enable and inspire the district to achieve net-zero
emissions by 2045
Improve circular economy
Reduce total household waste collected at the kerbside by 50% by 2042 against 2019 levels.
Build a climate resilient council adaptable to climate change.
-

Three Rivers District Council Climate Emergency and Sustainability Action Plan 2024 -2027 - Tracker

Council Emissions Action Progress	Buildings Emission	Sand Travel and Air Cli	dital Circular Economy Maste	Wature and	Mater Adaptation and reco	gjiente Otnet	\d\\ \d\\ \d\	<u> </u>
Delayed and vulnerable to not happening	0	1	0	0	0	0	1	
Delayed but still progressing	0	0	0	0	0	0	0	
In Progress - On Track	3	2	0	0	1	1	7	
Completed	4	2	2	1	1	3	13	
Not Started	0	0	0	0	0	0	0	
Retired	0	1	0	1	0	0	2	
Total	8	6	2	2	2	4	23	



District Emissions Action Progress	Housing Buildings	Travel and Air Cli	Circulate Condinutura ste	Wature and	water Sustainable	Luine Adaptation and Adaptation and	10ta	_ / /
Delayed and vulnerable to not happening	0	0	0	0	0	0	0	
Delayed but still progressing	1	1	0	1	0	0	3	
In Progress - On Track	5	5	1	8	3	2	24	
Completed	5	2	3	6	6	6	28	
Not Started	1	0	1	4	0	0	6	
Retired	1	0	1	0	1	0	3	
New Action	3	3	0	3	3	1	13	
Total	16	11	6	22	13	9	77	



	Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
	Housing, Buildings, Energy and Emissions	Support the delivery of the Hertfordshire Retrofit Strategy as a member of the Hertfordshire Retrofit Partnership.	Reduce emissions in the district by 14% annually 2023 2027	HCCSP, Hertfordshire County Council	N/A	From July 2025 onwards	Countywide Retrofit Strategy completed in Spring 2025. The final Strategy was approved by TRDC's Climate Change and Leisure Committee on 2/7/25. A Hertfordshire Retrofit Action Plan will subsequently be developed, and from there we can assess what our role in this countywide wide plan will be. We will report on progress at the next bi-annual update in March '26 (EN: July 25).	New Action
	Housing, Buildings, Energy and Emissions	Build a network of local businesses and support them to decarbonise non- domestic buildings with technical and financial support where possible.	Reduce emissions in the district by 14% annually 2023 2027	Climate and Sustainability	Current Climate Change budget	July 26	Survey to local SMEs to gather information on current and future energy use to inform Energy Plan is currently live. >Climate team to consult with local businesses on their interest in an e-cargo bike loan scheme or grant, and will enquire with HCC if there are any plans for e-cargo bikes for businesses. >Climate team to consult with local businesses on their appetite for the type of support WENTA offers. >Climate team to promote Hertfordshire Growth Hub's free 1-2-1 business support through LAEP Business Engagement activities. (Sept 2025)	New Action
ge	Housing, Buildings, Energy and Emissions	Work to secure feasibility funding for a Heat Network powered by the recently approved Data Centre in Abbots Langley.	Reduce emissions in the district by 14% annually 2023 2027	Climate and Sustainability, DESNEZ, City Science, GUCE	In current Climate Change budget	December 25	Letters sent from Council Leader to DESNZ to request special circumstances for a Heat Network delivery unit grant. Draft Heat Network zone created by City Science and DESNZ. Letters of support recieved from HCC, WBC, Watford Hospital, Watford Community Housing Trust, and Greystoke the developer. Application for feasability funding submitted - awaiting a response by end of October. (Sept 25 JH)	New Action
	Buildings, Emissions and Energy	Establish business cases for solar car park canopies on Rose Garden, William Penn and South Oxhey.	Net-zero emissions for council operations by 2030	Climate Change & Sustainablity, Grand Union Community Energy (GUCE) Asteros Advisors - appointed financial consultants. Apointed technical and legal Consultants.	Investment Readiness Grant (IRG) secured for the Net	March '26	Investment grade business cases are due to report in the new year.	New Action

Travel and Air Quality	Develop a sustainable travel communications plan for encouraging active travel, EVs and public transport.	Influence residents and stakeholders to live, work and travel more sustainably.		In existing budget; external grant funding where applicable.	December 25	New action which the team is reviewing to implement. Include promotion of Communities 1st Shopper Bus service, Beryl Bikes, and walking and cycling routes - Community Conversations Recommendation.	New Action
Travel and Air Quality	Investigate options for expanding shared bike scheme	Reduce emissions in the district by 14% annually 2023 2027		In excisting budget	Apr-26	Officers have started initial investigations in expanding a shared bike scheme into new areas, this will be subject to a future committee report. (July '25 TR)	New Action
Nature and Water (Community Conversations)	Facilitate the establishment or re-invigoration of at least one community garden or biodiversity hub on non-Council-owned land* in each parish in Three Rivers, maintained by volunteers. Ensure provision of compost bins and waterbutts are considered in design of volunteer-maintained community growing spaces as part of Working Group.	Influence residents and stakeholders to live, work and travel more sustainably.	-	No cost associated - TRDC Sustainabili ty Grant may be used to support activities.	April 2027	Community Partnerships "Community Growing Spaces" working group established and seeking establishment of new community gardens/growing spaces on non-council owned land across district. Due to capacity, the group is focussing on one garden at a time. (*Dig Deep Allotment is council-owned land and will be included in the Community Growing Spaces activities as an exception) - July 2025	New Action
Nature and Water (Community Conversations)	gardens/growing spaces	Influence residents and stakeholders to live, work and travel more sustainably.		No cost associated - TRDC Sustainabili ty Grant may be used to support activities.	September 2026		New Action
Nature and Water (Community Conversations)	Continue to offer nature- themed events and activities at council-owned green spaces for young people.	Influence residents and stakeholders to live, work and travel more sustainably.		In existing budgets	July 2026	Inclusion of nature themed events within the councils events and activities offer. All events to be publicised through the councils website and social media. Events to be reviewed seasonally depending on officer capacity and available resource. (July 2025 JH)	New Action

	Conversations	and engagement with hard-to-reach groups.	and stakeholders to live, work and travel more sustainably.	Committee Team	change budgets	2025	Following feedback received from residents attending the Environmental Forum in June 2025, TRDC's climate change team are working to re-design the format, frequency and content of the EF to increase community engagement, and make the forums more action-focused, interactive, and engaging. (July 2025)	New Action
	Community Conversations	,	Influence residents and stakeholders to live, work and travel more sustainably.		In climate change budgets		This is a Recommendation from the Community Conversations climate change consultation. The Climate Change team will consider how a "Green Champions" award can be offered annually to recognise oustanding environmental stewardship and sustainability efforts from residents and local community groups July 2025.	New Action
Page 34	Community Conversations	sustainability focused volunteering by promoting the GoVol Herts volunteer database to potential volunteers and charities seeking volunteers, and signposting opportunities clearly on TRDC website.	and stakeholders to live, work and travel more sustainably.	Partnerships			Partnerships will continue to host an annual Volunteer Networking Event until 2028, where environmental (and other) volunteering opportunities can be promoted. A new section called 'Have Your Say and Get Involved' has been added to the climate and environment secon of the website with a link to GoVol Herts. (July 2025)	New Action
		adaptation consideration	resilient community	& Sustainability, Procurement	In current Climate Change budget		In capital project planning, we need to consider impacts of the changing climate within the lifespan of the project. (July 25)	New Action

Three Rivers District Council Climate Emergency and Sustainability Action Plan 2024 -2027 District Emissions

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Energy and	PV on residential dwellings	Reduce emissions in the district by 14% annually 2023 - 2027	Climate and Sustainability, HCCSP, Solar Together	£600 for promotion In existing budget		2 cohorts of Solar Together have been completed, resulting in 93 solar PV installations, 83 battery installations, 868 panels installed and 71.6 tonnes of carbon dioxide saved. The accetance rate was 16.5%. The 2025 round of Solar Together Three Rivers had 454 registrations for solar with 82 residents paying deposits. Installations are underway. and 79 have accepted and paid the deposit for solar panels. For battery storage 27 registered and 3 have accepted and paid the deposit. This is the final round under the exisiting contract with Solar Together and so this action is	Completed
Energy and Emissions ACTION		Reduce emissions in the district by 14% annually 2023 - 2027	Climate and Sustainability, Greater South East Net Zero Hub, Energy Systems Catapult, DNO, HCCSP, Regional Energy Strategic Planners (RESPs)	N/A		Currently developing a LAEP for Three Rivers to identify current and future energy demand and production, including identifying opportunities for renewables deployment, heat networks and retrofit opportunities to support a route to net-zero. Support from REGEN has been secured as a critical friend through the Fast Followers programme. Our LAEP process and outcome will contribute to the Hertfordshire Area Energy Plan. Hertfordshire Growth Board will be the public face of the Hertfordshire Area Energy Plan (HAEP), lobbying government, power 'generators' and investors to help deliver the measures identified in the HAEP and the consequential benefits. (December 24 ED) The LAEP previously being developed will now be restructured into an Energy Plan inspired by a LAEP, making the document more aligned to the Councils needs, action focused, easier to communicate, and subject to continuous renewal. Businesses are being engaged with both online and in person, requesting that they complete a survey to undersatnd current and future energy needs, and allow us to build a newtowrk of organisations to support in the future. Engagement is currently ongoing. (Sept 25 ED)	In Progress - On Track
Energy and Emissions	Hertfordshire-wide Retrofit	Reduce emissions in the district by 14% annually 2023 - 2027	HCCSP, Hertfordshire County Council, MCS Foundation	N/A	Draft January 2024 Aiming for HCCSP presentation Spring 2025	Development of a countywide retrofit strategy commenced Autumn 2024 and completed in Spring 2025. The Commitment to the final Strategy was adopted at Climate Change and Leisure committee 2/7/25.	Completed
Energy and Emissions	Hertfordshire Retrofit Strategy as	Reduce emissions in the district by 14% annually 2023 - 2027	HCCSP, Hertfordshire County Council	N/A		Countywide Retrofit Strategy completed in Spring 2025. The final Strategy was approved by TRDC's Climate Change and Leisure Committee on 2/7/25. A Hertfordshire Retrofit Action Plan will subsequently be developed, and from there we can assess what our role in this countywide wide plan will be. Additional Fast Followers funding has become available and and TRDC has submitted an application to support the development of a Hertfordshire Retrofit Strategy Retrofit One Stop Shop (ROSS). We will report on progress at the next bi-annual update in March '26 (EN: Sept 25).	New Action

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Energy and Emissions	commercial buildings and	Reduce emissions in the district by 14% annually 2023 - 2027	Climate and Sustainability,	£130,000 capital grants from UKSPF	March 2025	12 businesses have been selected to receive the grant and we are currently signing deeds with each business to permit the work to be carried out. The projects focus on variety of approved measures including Solar PV, insulation and LED lighting. (December 24) 10 businesses recevied grants valued up to £168,898, which lead, through match funding £230,060 investment in low carbon technologies. The businesses are forecast to save 52.5tCO2e in one year. Technologies ranged from solar panels, to insualation to a low carbon coffee roaster. (July 25)	Completed
Energy and Emissions	businesses and support them to	Reduce emissions in the district by 14% annually 2023 - 2027	Climate and Sustainability,	Current Climate Change budget	July 26	Survey to local SMEs to gather information on current and future energy use to inform Energy Plan is currently live. >Climate team to consult with local businesses on their interest in an e-cargo bike loan scheme or grant, and will enquire with HCC if there are any plans for e-cargo bikes for businesses. >Climate team to consult with local businesses on their appetite for the type of support WENTA offers. >Climate team to promote Hertfordshire Growth Hub's free 1-2-1 business support through LAEP Business Engagement activities. (Sept 2025)	New Action
Energy and	renewable energy on a building in	Reduce emissions in the district by 14% annually 2023 - 2027	Climate and Sustainability, Grand Union Community Energy, Leisure, Property, Finance.	Funding provided by Investment Readiness Scheme	community-funded solar on a building or land owned by TRDC . March '26	Initial exploratory work on community-funded solar canopies and rooftop solar completed in Fast Followers project from July 2023-June 2025. Investment Readiness Scheme funding secured to develop detailed business cases for solar canopies on councilowned car parks, which may include a blend of community funding and other finance. Cessation of Public Sector Decarbonisation Scheme funding has prompted the Council to reassess projects with potential for community funding. Potential for community funding towards a viable solar canopy on councilowned car park. (July 25)	
Energy and Emissions		district by 14% annually	Climate and Sustainability, HCCSP, Development Management, LEP, Herts Growth Board, Hertfordshire Building Control	£4,000		Action is delayed as it is a complex event and with the uncertainty surrounding target housing numbers, the Future Homes Standard and the need to to have a concerted county wide effort through HCCSP, the timing needs to be right. (December 2024). This action needs to wait for the outcome of the draft sustainbility policies in the Local Plan. Then it would need to be a coutywide event. Timing of this remains critical. (July 25 ED)	
Energy and Emissions	understand the extent to which	Reduce emissions in the district by 14% annually 2023 - 2027	Planning Policy	Within existing budget		Consultant has provided draft policies and evidence bases for new Local Plan. These will progress through committee in 2025 aligned with Local Plan timelines (December 2024) Draft sustainability policies progressed through the Local Plan committee and have been incorporated into Regulation 19 Local Plan Consultation which commenced July '25. (July '25 JH)	Completed

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Emissions		Reduce emissions in the district by 14% annually 2023 - 2027	Climate and Sustainability	Innovate UK Fast Followers project. £7500 from Climate Change budgets for interim support tool.	By June 2025 successfully trialled a Retrofit One Stop Shop service, and understood non-technical barriers to domestic retrofit for self-funding sector. Considered options to scale and fund the service.	Retrofit One Stop Shop, known as "Super Homes Three Rivers" launched in December 2023 and has delivered over 100 free retrofit surveys and plans to Three Rivers residents in "hard to treat" homes, with 23 homes going on to install energy saving measures. This will be progressed with the Hertfordshire Retrofit Strategy. In Three Rivers we have set up two contracts with GUCE to continue the delivery of Transition Streets and deliver targeting community energy advisory services, to engage with renewable energy solutions, unlock community funded oppertunities, and assit residents with decarbonisation.	In Progress - On Track
Emissions	funding and financing for	district by 14% annually 2023 - 2027	Climate and Sustainability, Hertfordshire County Council, Hertfordshire Local Enterprise Partnership, Greater South East Net Zero Hub	investigate options provided by Innovate UK Fast Followers project.	By end of Fast Followers project: have investigated options for financing retrofit.(June 2025)	Retrofit loans via Scroll Finance was explored. Lendology loans to be explored as part of Hertfordshire Retrofit Strategy. (June 2025).	Completed
Energy and Emissions	0 0	2023 - 2027	Climate and Sustainability, Hertfordshire Local Enterprise Partnership, the National Energy Foundation (NEF), Hertfordshire Building Control, OVO, local Housing Associations	Funding provided by Innovate UK Fast Followers project and UKSPF, and some activities funded by Herts LEP. Sponsorship considered too		Hertfordshire Futures with support from TRDC, NEF hosted an SME-focused retrofit event 12th June 2024. Linked in with Job Centre to get people qualified for retrofit roles. Hosted a sustainbility careers fair for 425 students and job seekers with a significant focus on retrofit, construction, and renewable energy technology related careers in March 2024. A Career fair was held in March 2025, in partnership with Watford Borough Council and Hertfordshire Futures for Secondary Schools across Watford and Three Rivers. Many local employers attended such as Warner Brothers, Skanska and Asos, there was also significant representation from Three Rivers Council. While the Careers Fair was a general one, Green Careers were highlighted and promoted. A further fair is planned for 2026. Retrofit-related Jobs and Skills support to be considered as part of Hertfordshire Retrofit Strategy. (June 2025)	In Progress - On Track
Energy and Emissions		district by 14% annually -2023 - 2027		from energy companies- undefined amount.	Warm Homes Local Grant: 2025-2028	Energy Company Obligation Phase 4 and Great British Insulation scheme in partnership with E.ON, upgraded 87 local homes with fully-funded energy efficiency improvements (166 measures in total). £935k invested by E.ON in Three Rivers to-date. SHDF Wave 2 - 114 installs of external wall insulation completed in March 2025 (113 socially rented homes owned by Thrive, and 1 private infill). £3.7 million Warm Homes Local Grant funding awarded to Watford and Three Rivers for private residential retrofit. £345,804 is allocated to TRDC in the first year.Scheme launched May 2025. Managing agent is in place, and initial leads are being progressed. TRDC Fuel Poverty Grant has supported 7 eligible homes between March 24- February 25; part- or fully-funding two broken boiler replacements, one room in room insulation, two cavity wall insulation, two loft insulation, and ventilation installations. (EN June 2025)	In Progress - On Track

Page 37

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Housing, Buildings, Energy and Emissions		Reduce emissions in the district by 14% annually 2023 - 2027	Housing, Facilities / Regulatory Services		November 2024. Annual report to be published online.	Private landlords in Three Rivers who fail to meet the minimum standards will be signposted to relevant funding for energy efficiency improvements, where available. Annual Letter to Letting Agents advising them of legislative updates, grant opportunities and retrofit guidance / example case studies. Letter sent to 27 local letting agents on 6/12/23. The next letter to be sent November 2024 and the response rate to this letter will be recorded and published. Lack of resouce meant this task was not completed in November, however, letters are projected to be sent out by the end of January 2025. A Green Incentives letter along with the Warm Homes Local Grant poster circulated to 28 x local estate agents who operate within the district in March 2025. No replies received from any of these agents at this time, however, any response will be recorded and reported on. (June 25 JH)	In Progress - On Track
Energy and Emissions	of the National Energy Foundation's Home Energy Support Service (Better Housing Better Health) helpline to include home visits, community engagement, and an enhanced retrofit funding pot.	Reduce emissions in the district by 14% annually 2023 - 2027		Funding to be sought.	July 2024	Action retired as NEF source their own external funding to run the Better Housing Better Health service across several counties, including Hertfordshire, so not a responsibility of TRDC. (July 2025).	Retired
Housing, Buildings, Energy and Emissions	for a Heat Network powered by	Reduce emissions in the district by 14% annually 2023 - 2027	Climate and Sustainability, DESNEZ, City Science, GUCE	In current Climate Change budget	December 25	Letters sent from Council Leader to DESNZ to request special circumstances for a Heat Network delivery unit grant. Draft Heat Network zone created by City Science and DESNZ. Letters of support recieved from HCC, WBC, Watford Hospital, Watford Community Housing Trust, and Greystoke the developer. Application for feasability funding submitted - awaiting a response by end of October. (Sept 25 JH)	New Action

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Quality	Work with community groups to encourage them to take action on tackling vehicle idling in their areas.	stakeholders to live, work and travel more sustainably.	Leisure & Natural Infrastructure, HCC, HCCSP, Air Quality, Parish Councils, Community Groups	£500 in carbon neutral	Media Campaign October '24 Annual clean Air Day June	Croxley Green have expressed an interest. TRDC promoted sustainable travel through the climate change trail displayed at the Gardening Fair, Carpenders Park on the 26th May, Tour de Ricky, Maple Cross on the 1st June, Eco Homes and Gardens Event in Croxley Green on the 15th June and Abbots Fest on the 14th September. The climate change trail will be on show in Watersmeet Theatre on the 28th October and 12th November. TRDC promoted Cycle to Work Day on the 1st August via the Greener Living Newsletter. Clean Air Day Social Media Campaign published on 16/06 and 20/06. Comms Plan has been updated with the 2025 Clean Air day. Any comms developed by HCCSP will be shared.	In Progress - On Track
Quality	Develop a sustainable travel communications plan for encouraging active travel, EVs and public transport.	Influence residents and stakeholders to live, work and travel more sustainably.	Transport & Parking Projects	In existing budget; external grant funding where applicable.		New action which the team is reviewing to implement. Include promotion of Communities 1st Shopper Bus service, Beryl Bikes, and walking and cycling routes - Community Conversations Recommendation.	New Action
Quality		district by 14% annually		In existing budget; external grant funding where applicable.	Annual	The 2025 report was submitted to DEFRA to achievee the 30th June deadline, and is currently under review. The report will be available once approved at https://www.airqualityengland.co.uk/local-authority/hnb. The latest monitoring data shows a continued trend of decreasing concentrations of NO2. (July '25 NE)	In Progress - On Track
	·		Transport & Parking Projects, HCC Highways	In existing budgets	Jul-25	The Three Rivers Electric Vehicle Charging Strategy has been adopted (July '25 TR)	Completed
Travel and Air Quality	Investigate options for expanding shared bike scheme		Transport & Parking Projects, HCC Highways		Apr-26	Officers have started initial investigations in expanding a shared bike scheme into new areas, this will be subject to a future committee report. (July '25 TR)	New Action
•		Reduce emissions in the district by 14% annually 2023 - 2027	,	External Government funding via ORCS and/or LEVI funding. Commercial model options.	Dec-25	TRDC have been awarded OZEV funding to enable EVCP installation in council-owned car parks. TRDC has appointed Blink Charging as the Charge Point Operator who will install, maintain and contribute to the cost of EVCPs in town centre and visitor destination car parks. Installations begun in early 2025 and are progressing through with the first sites coming live in August 2025.(July '25 TR)	In Progress - On Track
·	Investigate options for home charging infrastructure projects and pilots which could be funded by the On-Street Residential ChargePoint Scheme or other future funding schemes		Transport & Parking Projects, HCC	Local Electric Vehicle Infrastructure Fund (LEVI)	Jan-28	In March 2024 LEVI funding was awarded to HCC to facilitate the installation on On-Street Residential EVCPs. TRDC has been supporting the preparatory work by supplying potential postcode locations for EVCP installation to be reviewed and ratified by HCC as the Highways Agency and administrator of LEVI funds. A Member Consultation was completed in July 2024 which identified HCC's proposed priority postcode zones for EVCP installation. EVCP installation forecasted to start in 2026. HCC will appoint the Charge Point Operator following a tender process which has now been launched. (July '25 TR)	

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Travel and Air Quality	Review draft Local Cycling and Walking Infrastructure Plan (LCWIP) following 2023 consultation with progression to an adopted LCWIP.	Reduce emissions in the district by 14% annually 2023 - 2027	Transport & Parking Projects, HCC, WBC, DfT	Preparation and implementation of LCWIP in existing revenue budgets. Delivery of schemes will be reliant on existing budget and external funding.	Sep-25	The updated LCWIP was approved for adoption at the Policy and Resources committee on the 21/7/2025 following public consultation. Next steps are for HCC to adopt this. The LCWIP will improve the availability, accessibility, and connectivity of cycle paths that lead to key areas/community amenities. (July '25 TR)	
Travel and Air Quality	Identification and implementation of cycling infrastructure (routes and equipment)	Reduce emissions in the district by 14% annually 2023 - 2027	Transport & Parking Projects	In existing budget	Apr-26	Officers are conducting intitial investigations into cycle route improvements on the Ebury Way, Rickmansworth and Springwell Avenue, Mill End. TRDC continue to work with partners on the LCWIP and other cycling infrastructure projects.(TR July '25)	In Progress - On Track
Travel and Air Quality	Introduction of a pilot bike rental scheme in Croxley Green as an expansion to Watford scheme		Transport & Parking Projects, Watford Borough Council, Beryl Bikes (SMIDSY Limited)	External funding sourced	Apr-24	A contract between Beryl Bikes and Three Rivers District Council has been signed for 5 sites across Croxley Green. Seperately site licences for the bay marking with HCC highways and HCC property teams have been secured. The scheme launched in October 2024 and reached 1000 trips in December 2024. (January '25 TR)	Completed
Travel and Air Quality - Community Conversations	Explore potential for an EV car sharing scheme.	Reduce emissions in the district by 14% annually 2023 - 2027	Transport & Parking Projects	No cost associated.	Jul-26	Transport team have scoped this with Enterpise initially, but cost and logistics need to be considered carefully July 2025	New Action
Circular Economy/Waste and Resources	Encourage upcycling, use of second hand goods, increasing home composting, and reduction in buying new goods in order to reduce consumption.		Environmental Protection, Communications Team, Watford & Three Rivers Trust, Waste Aware, Comms, community groups, Sustainble 3 Rivers	Existing Environmental Protection and WasteAware budgets	Aug-42	Working in partnership with WasteAware on Reduce, Reuse and Recycle campaigns including #WorthSaving and Sustainable Families to reduce waste production and encourage Recycling. Communications via social media and Greener Living newsletter continue to share support and information around waste reduction. Croxley Green Repair Cafe now up and running. Collected Household Waste per person (kgs): 2019/20, 349.5 2020/21, 369 increased by +5.6% 2021/22, 359.6 increased by +2.9% 2022/23, 340.0 reduced by 2.7% 2023/24, 337.4 reduced by 3.5% Total reduction currently 3.5% Increased promotion of home composting is needed to reduce volume of household waste collected. Food Waste and Sustainable Families WasteAware sub-groups are being reassessed to increase impact and reduce waste produced. Croxley Green Repair Café promoted in Greener Living enewsletter Community Conversations Reccomendation. Collaborate with local groups e.g. walking groups, to litter pick during sessions Community Conversations recommendation. Government Resources and Waste Strategy should support waste reduction.	In Progress - On Track

Them	е	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Circular Economy/\ and Resou	Vaste at learness *Libruse a peop Fund exist	ourage the establishment of east one *Repair shops/cafes, rary Of Things, or furniture reand skills workshops for local ple through the Sustainability d and signposting enquiries to ting providers to share wledge.	kerbside by 50% by 2042 against 2019 levels.	Aware, Communications	Existing Climate Change budget is funding the community sustainability grant.	Aug-24	This action has been taken on the by the community and TRDC role will be to support with communications, and so will move into business as usual. Hence it has been inserted into action above - "Encourage upcycling, use of second hand goods, and reduction in buying new goods in order to reduce consumption."	Retired
Circular Economy/\ and Resou	Vaste and	9,		Environmental Protection, Communications Team, Watford & Three Rivers Trust, Waste Aware, community groups	Existing Environmental Protection and WasteAware budgets	Dependent upon Government timeline.	Soft Plastics will be included in the Dry Mixed Recycling from 2027. Current recycling rate is over 60% and one of the best in England. Trade waste collections now include food waste. Food waste is now being collected from all Three Rivers buildings as per the Governments Strategy. (June 25 ED)	Completed
Circular Economy/N and Resou	Vaste the rrces items bulky	reuse of furniture and large as collected by the Council in any waste collections.	district by 14% annually 2023 - 2027	Partnership, HCC	Existing Environmental Protection and WasteAware budgets	Aug-27	TRDC promoted "9 Lives furniture" (an upcycled and second hand furniture store) at the following events: Gardening Fair, Carpenders Park on the 26th May, Tour de Ricky, Maple Cross on the 1st June, ECO Homes and Gardens Event, Croxley Green on the 15th June and Abbots Fest on the 14th September. To be raised with Hertfordshire County Council as the Disposal Authority. POPs is a barrier. Can Waterdale Reuse shop take items to sell. Rickmansworth Recycling Centre cannot have a Reuse shop on site. (December 2024 ER) There is no feasable way currently to reuse Bulky items collected from homes. (July 25 ED)	Completed
Circular Economy/\ and Resou	Vaste upta	ake of food collections from			Existing Environmental Protection budget	May-24	We are collecting data on the current uptake and barriers to food waste collections in flats. This has not been progressed on the current time due to staff resource. (December 2024 ER) No update - action yet to start. (July 25 ED)	Not Started
Circular Economy/\ and Resou	Vaste wast rces Begi wast	te and increasing recycling. in trade collections of food		Environmental Protection, HCC	N/A	Apr-25	This action works towards the Government target within the Resources and Waste Strategy that 65% of municipal waste must be recycled by 2035. TRDC is reviewing how to implement food collection from businesses from April 2025. Trade food waste collections are available to our customers along with information for download and print on waste and recycling. (June 25 ED)	

Page 41

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
ature and ater	planting across the district fto	Build a climate resilient community adaptable to climate change.	Leisure & Natural Infrastructure	Provided by HCC	Dec-25	HCC's Your Tree our Future programme 2024 results;- 3316 trees ordered, by 153 residents. 92 residents collected 2155 trees, - a 65% collection rate The balance of trees were used for district planting schemes. Planting locations can be found here. 2025 Scheme launched with 7000 trees requested in June and the giveaway booked for 6th December 25 at Woodoaks Farm. (July 25 AL)	In Progress - On Track
ature and ater	Plot spaces managed for nature across Three Rivers to identify the best opportunities to encourage and connect nature	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure	In existing climate change budgets	Jun-25	The Council is working with the Herts Nature Recovery Partnership who are delivering the Local Nature Recovery Strategy, an element of which is to plot sites of strategic significance for biodiversity across the county. Landowners/managers were encouraged to submit land, the Council submitted appropriate land. An engagement event took place in Rickmansworth in July. Consultation is ongoing and Biodiversity Opportunities Audit is updated anually.	Completed
	,	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure, Strategy and Partnerships, HCC,	In existing budgets	2027	The Council is working with the Herts Nature Recovery Partnership who are delivering the Local Nature Recovery Strategy, an element of which is to plot sites of strategic significance for biodiversity across the county. Landowners/managers were encouraged to submit land, the Council submitted appropriate land. An engagement event took place in Rickmansworth in July. The council's new biodiversity policy was published 5/8/24 https://www.threerivers.gov.uk/news/three-rivers-biodiversity- policy Due to take Biodiversity duty and policy to comittee in Spring 26 which will include biodiversity net gain and progress on it. (July 25 JH)	In Progress - On Track
ature and ater	insetting approach for the district	2023 - 2027	HCCSP,Leisure & Natural Infrastructure, Climate Change		Feb-26	Offsetting Principles for Hertfordshire approved by HCCSP on 3rd July 2025. TRDC to progress an Offsetting Strategy that incorporates these principles. HCCSP to develop a green asset sequestration calculation methodology Autumn/Winter 2025. (July 2025 EN)	
ature and ater	Opportunities Audit - Alternative	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure, Grounds Maintenance, CMS and volunteers	Within existing budget - Alternative Grassland Management Budget & with external funding	Sites and cut reviewed annually	This work has now transitioned into business as usual for the service (Jan 2025)	Completed
ature and ater		Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure Grounds Maintenance, CMS and volunteers	In existing Community Biodiversity Budget	Actions reviewed annually	No planting scheduled for this year due to staff capacity and focusing on other initiatives. (July 25 JH)	Not Started

	Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
	Vater	Deliver the Biodiversity Opportunities Audit - Standard Tree Planting	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure, Grounds Maintenance, CMS and volunteers	Within existing tree planting budget and with external funding.	Actions reviewed annually	Planting of standard trees is progressing. Some modifications have been made to original plans, and new sites for planting have been identified, subject to available funding. Sites still available for planting incude; Anthony Close, Bell Close, Oakfield, Ashburnham Drive, Denham Way, Grove Crescent, Northwick Road, Oaklands Play Area, Prestwick Road and Romily Drive Open Space Helston Place has planting scheduled for this winter. Oakfield planting is complete. Trowley Rise planting complete. (July 25 AL).	In Progress - On Track
	Vater	Deliver the Biodiversity Opportunities Audit - Woodland Creation	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure, Grounds Maintenance, CMS and volunteers	External Funding Required	Actions reviewed annually	Denham Way planting delivered in 2022/23; Cheshire Drive and Barton Way planting delivered in 2023/24; Cassiobridge planting delivered in 2024/25 (December 2024). No new woodland plantings idendified in the BOA are planned in 2025/26. (July 25 AL)	In Progress - On Track
	Vater	Deliver the Biodiversity Opportunities Audit - Hedgerow Creation and Restoration	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure Grounds Maintenance, CMS and volunteers	External Funding Required: UKSPF in 24-25	Actions reviewed annually	Two sections of hedgerow due to be restored in 2024-25, one at Beechen Wood and one at Romily Drive. Romily Drive is completed. Beechen is partially complete. Leavesden Country Park planting been undertaken. (July 25 AL)	In Progress - On Track
age 43	Vater	Support the ColneCAN Smarter Water Catchment funding bid which will result in £3m cash injection to improve water quality and river restoration	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure, ColneCAN, Climate & Sustainability, , Environment Agency, Thames Water, Neighbouring local authorities	N/A	Thames Water's SWC timeline and availability unknown TRDC attends the Steering Group on a quarterly basis	TRDC play an active role in ColneCAN working groups including water quality, the steering group, and invasive species group. ColneCAN are preparing an action plan which collates all potential projects so coordinated funding applications can be made. Timings for the plan TBC. Officers remain an active part of the steering groups to support the work where needed, unclear if/when a bid will happen. (July 25 ED)	Completed
	Water	Continue to deliver tree planting within TRDC owned land as per the Council's Tree Strategy in relation to replacement trees, new standard trees and woodland planting.	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure; Grounds Maintenance	Within existing tree planting budget and with external funding.	Annual, by the end of March	Replacement trees; planting identified in management plans, Biodiversity Opportunities Audit; Memorial trees; and trees given away to TRDC residents as part of the free tree giveaway on 7th Dec 2024. Planting planned on TRDC land in 2024/25 - 60 standards / 1000 bare root whips; whips given away, approx. 1,200 (December 24) South Oxhey Playing Fields woodland creation -1500 trees due for planting in Winter 25. (July 25 AL)	
	Vater	Delivery of the Nature Recovery Strategy - continue to develop chalk stream recovery projects on TRDC open space	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure; Grounds Maintenance and Partners	External Funding may be required depending on scale of work	March 2027	Two projects scheduled to take place during winter 2024/5: - The Bury Grounds, a stretch of the River Colne - Scotsbridge, a stretch of the River Chess (December 2024) The Bury project is complete, and Scottsbridge project due for completion before October 25. Further opertunities always being explored.	Completed

Page 43

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
	Delivery of the Nature Recovery Strategy - investigate decultevating and naturalising of the water courses through South Oxhey Playing Fields	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure	External Funding is required		Workstream not yet started due to lack of officer capacity (December 2024) (July 25 JH)	Not Started
Water	Delivery of the Nature Recovery Strategy - Develop detailed plans for conservation grazing at Bishops Wood Country Park	improve terrestrial and	Leisure & Natural Infrastructure; Countryside Management Service	External Funding is required	March 2025	New plan was adopted by the Council in 2023 and officers are delivering the action plan for the plan period 2023-2028 (Jan 2025).	Completed
Water	Delivery of the Nature Recovery Strategy - Investigate opportunities to use wildflower mixes to benefit pollinating insects within urban settings	improve terrestrial and	Leisure & Natural Infrastructure; Grounds Maintenance	In existing budgets	March 2027	Workstream not yet started due to lack of officer capacity (December 2024) (July 25 JH)	Not Started
Nature and Water	Commission and act upon hydrological study of the Aquadrome to optimise management of water on the site in the Aquadrome as part of the management plan.	Increase biodiversity and improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure; Countryside Management Service	£80k external funding from NHLF and AMP	March 2025	Consultancy has been procured and work has begun on the study, however, the renewal of the Environment Agency's Upper Colne modelling is resulting in delay as the modelling has yet to be released. Contractor anticipates 2025 completion. (December 2024) No update (July 25 JH)	Delayed but still progressing
Water	Establishment of a small community orchard and a community planting garden in the Aquadrome as part of the management plan	improve terrestrial and aquatic landscapes.	Leisure & Natural Infrastructure; Countryside Management Service; Grounds Maintenance	External Funding is required	March 2027	Subject to National Lottery Funing bid for the Aquadrome (December 2024) No update - project not yet started. (July 25 JH)	Not Started
Nature and Water	Maintain non-intervention approach within wet woodland and informal areas in the Aquadrome as part of the management plan		Leisure & Natural Infrastructure; Countryside Management Service	External Funding is required	Mar-27	Subject to the results of the hydrological study (December 2024) No update - stil awaiting study. (July 25 JH)	In Progress - On Track
Water	Create a new management plan for Pheasants and Solomons Wood. To include an action plan to support the management and enhancement of the woodlands for public use and biodiversity	improve terrestrial and	Infrastructure;	External Funding may be required to deliver actions	March 2025	New plan approved on 16th Oct 2024 by the Climate Change, Leisure and Housing Committee. (Oct 24)	Completed
Community Conversations	Facilitate the establishment or re- invigoration of at least one community garden or biodiversity hub on non-Council-owned land* in each parish in Three Rivers, maintained by volunteers. Ensure provision of compost bins and waterbutts are considered in design of volunteer-maintained community growing spaces as part of Working Group.	stakeholders to live, work	Partnerships, Climate Change	No cost associated - TRDC Sustainability Grant may be used to support activities.	Ongoing	Community Partnerships "Community Growing Spaces" working group established and seeking establishment of new community gardens/growing spaces on non-council owned land across district. Due to capacity, the group is focussing on one garden at a time. (*Dig Deep Allotment is council-owned land and will be included in the Community Growing Spaces activities as an exception) - July 2025	New Action

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Nature and Water Community Conversations	Support Services for Young People to create and maintain gardens/growing spaces in West Hyde Youth Club. Explore opportunities with Three Rivers local schools, youth councils and scout groups, as part of Community Growing Spaces Working Group.	Influence residents and stakeholders to live, work and travel more sustainably.	Partnerships, Climate Change	No cost associated - TRDC Sustainability Grant may be used to support activities.	September 2026		New Action
Nature and Water Community Conversations	Continue to offer nature-themed events and activities at council-owned green spaces for young people.	Influence residents and stakeholders to live, work and travel more sustainably.	Leisure & Natural Infrastructure	In existing budgets	July 2026	Inclusion of nature themed events within the councils events and activities offer. All events to be publicised through the councils website and social media. Events to be reviewed seasonally depending on officer capacity and available resource. (July 2025 JH)	New Action
Sustainable Living Sustainable Living	Support and encourage public education around sustainable diets and food waste reduction to reduce food related emissions and promote local food production. Pilot a Transition Streets project in the District to explore the impact and effectiveness of community-led approaches to sustainable behavioural change.	Reduce emissions in the district by 14% annually 2023 - 2027 Reduce emissions in the district by 14% annually 2023 - 2027	Strategy & Partnerships, Climate and Sustainability, Environmental Protection, Healthy Hubs, Schools, Community centres, Services for Young People, South West Herts Partnerships, Sustainable Three Rivers Climate Change & Sustainability, Grand Union Community Energy (GUCE)	Funding provided by Innovate UK Fast Followers project.		Promotion of #Worthsaving campaign in March '24 via TRDC social media. Work with Healthy Hubs, food banks, community gardens, and other community services to deliver education on sustainable diets and food waste reduction Promotion of food waste reduction at the Farming and Food event HCC June '24 and at the following events: . We displayed the climate change trail and the #Worthsaving campain leaflets in 4 events summer '24: Gardening Fair, Carpenders Park, Tour de Ricky, Maple Cross, ECO Homes and Gardens, Abbots Fest September. Community Gardens have been set up in Rickmansworth, Chorleywood, and the South Oxhey "Dig Deep" Garden. A new residents garden for the temporary accomodation site South Oxhey (Lincoln Drive) is under construction. A community garden task group has been set up to encourage more gardens. The Food Box Project is active and aims to support residents through the cost of living by providing 6 weeks worth of fresh produce, improve cooking skills by introducing new recipies. 54 referrals have been received into the project. 6 Inches of Soil documentary screening with a panel discussion was held for over 250 poeple at Watersmeet Theatre, this promoted locallay sourced food through regenerative farming and the pannelists and audience included both local farmers and consumers. Film screening of Ocean with David Attenborough was fully booked with over 300 people attending. The event was followed with information on how to consume fish/seafood more Transition Streets launched September 2023. 3 neighbour-based groups completed pilot programme, and 1 employee based group is in progress. Inspired a group in Watford to start too. Case studies being created as part of final report. Plan to continue offering Transition Streets in Three Rivers after the Fast Followers funding ends. (June 2025).	Completed
Sustainable Living	Explore the potential to trial a Transition Streets group for TRDC staff members.	Influence residents and stakeholders to live, work and travel more sustainably.	Climate Change & Sustainability, Grand Union Community Energy (GUCE)	Funding provided by Innovate UK Fast Followers project.	November 2025	Staff Transition Streets group formed, and have completed 3 out of 7 sessions, with 4th session booked in. (June 2025 EN)	Completed

age 45

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Sustainable Living	Update the Council's "Guide to Greening Your Home" document annually.	Influence residents and stakeholders to live, work and travel more sustainably.	Climate Change & Sustainability	N/A	September 2024.	Guide has been updated and uploaded to the website: https://www.threerivers.gov.uk/services/environment-climate-emergency/living-more-sustainably#Living%20more%20sustainably%20in%20Three%20 Rivers This updated Guide includes practical information on physically adapting domestic dwellings to overheating, drought, and flooding. Now business as usual. (January 2025)	Completed
Sustainable Living	Create and implement a communication plan on all topics relevant to the Climate Emergency and Sustainability Strategy to schedule the promotion of information, key engagement events, funding availability, volunteering opportunities and to share help on eco-anxiety. Ensure strategy is updated regularly.	Influence residents and stakeholders to live, work and travel more sustainably.	Climate Change & Sustainability, Communcation team, Three Rivers Museum, Watersmeet Theatre, Healthy Hubs, Faith Groups	£10,000 to deliver from existing budgets	July 2026	Sustainabilty Communication Plan covering 2024 and 2025 events, social media and campaing have been created and shared with Comms team. This includes funding and volunteering opportunities too. (September 2024) Work has started to use West herts College media students to create video content for the #WorthSaving food waste campaign. A form is being developed by communications team for community groups to share their social media posts to be shared from our platforms - promoting local organisations and events while generating content and engagement for our platforms. Community Conversations recommendations: Incorporate localised and project-specific door-knocking in to promotional plans for schemes where appropriate (e.g. Transition Streets or retrofit schemes). TRDC will raise awareness of the waste collections that are on offer, maintain an anti-flytipping campaign online and publish stories on successful flytipping convictions to deter incidents. TRDC will make information on textile banks more obvious on website. Promote community volunteers for recycling/re-use collection via Transition Streets programme, and share with partners e.g. Repair Café volunteers, Sustainable Three Rivers etc. Work in partnership with housing associations and wider agencies (social services, mental health services) to maximise engagement with tenants. (July 2025)	
	Host a sustainability and green economy focused careers fair in Three Rivers to inspire and inform local students about skills and careers in the "green" sectors, with a focus on retrofit.	Reduce emissions in the district by 14% annually 2023 - 2027		Funding provided by Innovate UK Fast Followers project with potential additional sponsorship	March 2024	Event took place at Watersmeet Theatre on 27th March 2024 - in excess of 400 people attended - https://www.threerivers.gov.uk/news/council-pioneers-sustainability-focused-careers-fair. Careers fair in partnership with Watford is scheduled to take place on 31st March 2025. While this is not exclusivly a retrofit or 'green careers' fair, stallholders will be encouraged to demonstrate their green career opprtunities. This work now moves to Business as Usual (December 24 ER) Careers Fair took place in partnership with WBC and Hertfordshire Futures in March 2025. Council will continue to hold careers fairs with sustainability focus, annually until 2028. (July 25 ED)	

Page 46

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Living	agencies to maximise policy,	stakeholders to be live, work and travel more sustainably.	Climate Change & Sustainability, Planning, Housing, Leader of the Council, UK100, Hertfordshire Climate Change and Sustainability Partnership, Fast Followers cohort.	N/A	01/01/2027	May 24 we supported HCCSP to lobby the minister for Water and Rural Growth on the state of chalk streams A letter sent Aug '24 to MP and relevant Ministers and to the Disctrict Council Network to ask for improvements to the ECO4 scheme's policy design to enable more effective delivery. August 2024 Cllr Mitchell lobbied MHCLG regarding energy efficiency standards on new builds. Letters sent to DEZNZ to request support from Central Government to establish techno/feasability funds for a potential Heat Network using the waste heat from the recently approved Data Center. Action completed - action is part of business as usual. (June 25 ED)	Completed
Living	, ,	stakeholders to live, work and travel more sustainably.	Sustainability, Watford	£11,000 in carbon neutral budget.annually	March 2025	£7960 has been awarded to community organisations through the Three Rivers Sustainability Grant for 2024/25 to date. Projects have included clearing litter at Hunting Bridge, improving biodiversity outside Kings Langley station, rain water harvesting in South Oxhey allotments and Sarratt community garden, insulation and LED lighting at the Henderson Hub and the training of Home Energy Champions. Comms plan to promote the grant to be developed, this was delayed due to staffing changes and reduced capacity. 7 organisations recieved funding in 2024/25 totalling £7960. (July 25 ED)	
Living				£130,000 funding from UKSPF	March 2025	This is a copy of Action in row 7 and so is being retired.	Retired
Living		district by 14% annually 2023 - 2027		Consultancy funded by Innovate UK	April 2025	Community Conversations exercise completed, recommendations and a vision for Three Rivers received. The outputs of this exercise have been reviewed by relevant departments, and viable recommendations have been incorporated in to the October 2025 action plan update. The Vision will inform the content of the updated Council Corporate Framework.	
Community Conversations	Re-design Environmental Forum with residents and key stakeholders to maximise participation and engagement with hard-to-reach groups.	Influence residents and stakeholders to live, work and travel more sustainably.		In climate change budgets	December 2025	Following feedback received from residents attending the Environmental Forum in June 2025, TRDC's climate change team are working to re-design the format, frequency and content of the EF to increase community engagement, and make the forums more action-focused, interactive, and engaging. (July 2025)	

age 47

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Sustainable Living Community Conversations	Establish a "Three Rivers Green Champions Awards" and a prize for winners and nominees, annually until 2028.	Influence residents and stakeholders to live, work and travel more sustainably.	Climate Change	In climate change budgets	2026-2028	This is a Recommendation from the Community Conversations climate change consultation. The Climate Change team will consider how a "Green Champions" award can be offered annually to recognise oustanding environmental stewardship and sustainability efforts from residents and local community groups July 2025.	New Action
Sustainable Living Community Conversations	Encourage and promote environmental and sustainability focused volunteering by promoting the GoVol Herts volunteer database to potential volunteers and charities seeking volunteers, and signposting opportunities clearly on TRDC website.	Influence residents and stakeholders to live, work and travel more sustainably.	Partnerships	No cost associated	December 2026	The Strategies and Partnerships Team hosted a sucessful volunteers networking event in June 2025, which will continue to run annually until 2027, where environmental (and other) volunteering opportunities can be promoted. A new section called 'Have Your Say and Get Involved' has been added to the climate and environment secon of the website with a link to GoVol Herts.	New Action
Adaptation and resilience	Encourage residents to prepare their homes and adapt behaviours to lessen the impact of severe weather	Build a climate resilient community adaptable to climate change.	Climate Change & Sustainability	In climate change budgets	July '24	Guide to Greening Your Home has been updated, communications and information on emergency planning and dealing with impacts of climate change are available and kept up to date on the https://cdn.threerivers.gov.uk/files/2024/08/661eba40-5945-11ef-bac0-8d9b25a22f0a-2024%20A%20guide%20to%20greening%20your%20home.pdf https://www.threerivers.gov.uk/services/environment-climate-emergency/adapting-to-climate-change Residents and businesses will be alerted through the comms plan and wild fire plan to prepare for extreme weather. This action is now business as usual.	Completed
Adaptation and resilience	Assist the Local Lead Flood authority (LLFA) as required in the installation of the pilot retrofit SUDS project in Eastbury / South Oxhey	Build a climate resilient community adaptable to climate change.	LLFA. Country Side Management Services (CMS)	LLFA to fund	Oct-25	Project is progressing, funding has acheived for the ~ 33 leaky dams which will be installed in October 2025. The ponds were deemed to be aesthetic and so did not qualify for funding. (January '25 JH) All Leaky Barriers are now in and complete. Further information on the sucess of the project will be shared via the Members Information Bulletin once it is made available by the LLFA.	Completed
Adaptation and resilience	2 phased project to enhance the River Chess Channel to reduce flooding in the Scotsbridge area of Rickmansworth. This project will enhance a globally rare chalk stream habitat and create a wildlife rich river channel and improve enjoyment of a green space.	Build a climate resilient community adaptable to climate change.	HCC, Environment Agency, Leisure and Natural Landscapes	Fundind to be secured by HCC and EA to create detailed construction ready plans.	Phase 1 - March 2026	Phase 1 - project to complete habitat and bank improvements upstream of the channel realignment project. This funding has been applied for and awaiting final outcome. Phase 2 - river channel realignment - report to be considered at Policy and Resources to support the project in principal, subject to a commuted sum for ongoing maintenance and additional liability of land ownership of the riverbed. (December 24) Phase 1 nearly complete. Phase 2 awaiting detailed design. (July 25 JH)	In Progress - On Track
Adaptation and resilience	Driveway installation - Encourage residents to either install or modify driveways to reduce potential impacts of flooding.	Build a climate resilient community adaptable to climate change.	Climate Change & Sustainability, HCCSP	N/A	September '24	Guide to Greening Your Home includes advice on driveways and is provided to all planning applicants.	Completed

Theme	Action	Target/Ambition	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Adaptation and resilience	Prepare a communications plan to encourage residents to be ready for severe weather incidents. To be issued when forecasts are severe	Build a climate resilient community adaptable to climate change.	Climate Change & Sustainability	N/A	To be reviewed annually in April .	Wild Fire Prevention programme and an extreme weather communications messaging system is in place, so this action is complete as the outcomes have moved into business as usual.	Completed
Adaptation and resilience	Prepare a behaviour change advice leaflet to encourage water saving, correct disposal of litter and use of sewerage system.	Build a climate resilient community adaptable to climate change.	Climate Change & Sustainability, HCCSP	Climate change revenue budget	December '24	Greener Living in Three Rivers - Sustainability booklet (2021) has been replaced by link to HCCSP online guide. The HCCSP guide was based off the TRDC Greener Living Guide, but will be kept up to date by HCCSP. (January 25 ED)	Completed
Adaptation and resilience	Work to raise awareness of misconnections and encourage remediations where they are found to reduce flooding incidents.	Build a climate resilient community adaptable to climate change.	Climate Change & Sustainability, Hertfordshire Building Control, Thames Water, Environment Agency, ColneCAN	Climate change revenue budget	Ongoing	We continue to promote our Green Homes Guide which highlights the issue of missconnections. Planners send out the guide when planning permission is granted to continue to edicate. (July 25 ED)	Completed
Adaptation and resilience	Address sustainability issues impacting on the wider determinants of health, and reduce disparity in impacts of climate change on different parts of the community.	Build a climate resilient community adaptable to climate change.	Climate Change & Sustainability, Leisure and Natural Infrastuructre Small Acts of Kindness	Public Health Funding and existing budgets.	Lincoln Drive garden completed August '24. communication plan updated March annually	Lincoln Drive temporary accomodation garden play equipment is complete. Planting session for residents to took place on 7 August encouraging growing outside and inside with take home plants. Gardening club will continue monthly. Bug hotels installed, session with residents on 7 August to fill the bug hotels and monthly nature sessions planned. Healthy Hub to visit temp accomodation monthly along with Intensive Family Support Team. Warm in Winter bags distributed during winter months to support older residents in accessing local services and keeping warm. Herts sustainable Family campain: Sustainable period, Reusable nappies, incontinence pants - promotion at Oxhey and Abbots Langley libraries during Rhyme time (August '24). Warm in winter bags continue to be distributed through the Healthy Hubs. Residents living in areas of deprivation are invited through their GPs to complete a Health Survey - this survey includes a question relating to finances and offers signposting to BHBH. EON have held regular pop ups at Healthy Hubs. Exploring new location for Small Acts of Kindness which should improve sustainability of the charity (Jan 25 SD) Small Acts of Kindness are still looking for a permanent space. Healthy Hub pop ups and delivery of the health survey continue to improve access to services. Three Rivers District Council form part of the new Integrated Neighbourhood Team that will look at partnership approaches to health, prevention and inequalities. (July 25 SD) New Warm Homes Local Grant funding will help improve the health and wellbeing of households at risk of fuel poverty buy improving energy efficiency of premises (July 25 EN)	
Adaptation and resilience	Embed Climate adaptation consideration into procurement tenders.	Build a climate resilient community adaptable to climate change.	Climate Change & Sustainability, Procurement	In current Climate Change budget	Dec-26	In capital project planning, we need to consider impacts of the changing climate within the lifespan of the project. (July 25)	New Action

Three Rivers District Council Climate Emergency and Sustainability Action Plan 2024 -2027

Council's Operational Emissions

Theme	Action	Target	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Buildings, Emissions and Energy	Monitoring and reporting progress of the climate action plan including the development a visual demonstration of progress on the Climate Action Plans for the District and Council		Customer Service Centre, Climate Change Team, LASER, Wave and Utility companies	N/A	2024. Monitoring and reporting to be done annually.	Have improved the accuracy of utility readings and developed a sustainable process for data collection. Reprocured water supplier to improve accuracy, cost and responsiveness of supplier. Action Plan tracker now on website. Action is complete and is now business as usual.	Completed
Buildings, Emissions and Energy	Implement building decarbonisation action plan for Council core buildings, including: Three Rivers House, Watersmeet Theatre, William Penn & South Oxhey Leisure Centres, and the Fairway Inn.	council operations by	and Community Property Phil Whiting Consulting Finance, Parking and	Solar installations - if approved TRDC capital budget Business Case preparation for	decarbonisation plan completed June '25	Draft Decarbonisation Plan for the 6 TRDC core buildings was presented to senior leadership October '24. It proposed a blend of financing retrofits using grants, borrowing arising from community funds, and public / private agreements. The timeline was designed around the boiler replacement dates and stretches from 2025 through to 2045. The programme for WPLC has been modified see action below. Roof top solar businesses cases for Three Rivers House and south Oxhey Leisure Centre were accepted by Policy & Resources Committee September '25. Kick off meetings with contractors have been undertaken. Cavity Wall insualation for TRH and Watersmeet Theatre approved, however the material to be used has had to be changed, and the technical and fiancial implications of this is being considered. July'25 JH	In Progress - On Track

	Theme	Action	Target	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
	Emissions and Energy	component of the above plan).	Net-zero emissions for council operations by 2030	Climate Change & Sustainablity, Leisure & Natural Infrastructure, Appointed consultant Tomsons	Decarbonisation- Skills Fund Solar Canopy design and business case funded by Investment Readiness Grant.	Mar-26	Technical design ready for review by 13/1/25. Review of technical design complete by 3/2/25. Draft HDP complete by 17/2/25. Final HDP report submitted and project complete by 28/2/25. Investment Readiness Grant from the Net Zero Hub (max &75k) has been secured to take the output of this decarbonisation plan forward to investment grade businessplan. (July 2025 JH) Public Sector Decarbonisation funds have ceased. Hence the plan to replace William Penn Leisure Centre boilers with a heat pump is now financially unviable, and the boilers need repalcing imminently. Using the Investment Readiness Grant a business case to install a solar canopy on the car park is being prepared. Other aspects of the Heat Decarbonisation Plan such as fabric improvements are being explored with SLM July 2025 JH	
D D	Emissions and Energy	Leisure Centre	Net-zero emissions for council operations by 2030	Leisure & Natural Infrastructure,	Externally funded by Sport England	December 2024	A 220kWp system consisting of 500 solar panels was installed and went live on 28/11/24. To date (December '24') the sytem has supplied 4% of the electrical requirement, and it is anticpated to prvide 25% over the year. Bills saving to date £630. At 14.7.25 63t CO2e have been avoided this year, and £20,500 saved on utility bills. July '25 JH	
		Establish the principles for carbon offsetting / insetting for the council.	Net-zero emissions for council operations by 2030	Climate Change & Sustainablity, Hertfordshire Climate Change and Sustainbility Partnership (HCCSP), University of Hertfordshire (UH),Local Government Association (LGA)	In existing Budget	February 2026	HSOG have developed a set of Offsetting Principles for Herts LAs to voluntarily adopt. These principles were adopted at HCCSP on 3rd July. TRDC will create a report on offsetting and the council's proposed approach, based on these principles by February 2026. (EN: July 25)	In Progress - On Track

The		Action	Target	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Buildings Emission Energy	ns and	Explore renewable energy projects on car parks owned by the council with consideration of using community energy financing.	Net-zero emissions for council operations by 2030	Climate Change & Sustainablity, Grand Union Community Energy (GUCE) are the lead, TRDC Transport, Property, Leisure, Legal. Apointed technical and legal Consultants.	£40,000 grant from Community Energy Fund	March '25	Supported by TRDC, GUCE secured £40,000 feasibility funding to assess the suitability of William Penn Leisure Centre, South Oxhey Leisure Centre, Causeway House, Community Way, Three Rivers House, Three Rivers Rose Garden, and Rickmansworth Aquadrome car parks for community-funded solar canopies. The study concluded in December 2024 and the results of this study, and recommendations will be taken to CMT on 4th February. (January 25 EN) The Stage 1 CEF study recommended the 3 most viable car park sites progress to business case creation - The Rose Garden, and both Leisure Centres. This work is underway and is funded by the IRG action below July '25 JH	
Buildings Emission Energy	ns and	Establish business cases for solar car park canopies on Rose Garden, William Penn and South Oxhey.	Net-zero emissions for council operations by 2030	Climate Change & Sustainablity, Grand Union Community Energy (GUCE) Asteros Advisors - appointed financial consultants. Apointed technical and legal Consultants.	£75,000 Investment Readiness Grant (IRG) secured for the Net Zero Hub	March '26	Investment grade business cases are due to report in the new year.	New Action
Buildings Emission Energy	ns and	Require the integration of net-zero aligned design and construction methods and materials, including renewable energy, within any new council developments and existing assets, and (where possible) within public and private sector developments.	Enable and inspire the district to achieve netzero emissions by 2045	Property, Development Management, Watford Community Housing	£4.5m from Local Authority Housing Fund	26-Dec	TRDC intends to use Local Authority Housing Fund to redevelop three former garage sites for affordable housing. The Council aims for the homes to be over 60% more effecient than the requirements set out in Part L Building Standards, with the intention that the properties will be net zero ready and utilise net-zero aligned construction methods where possible. (January 25 JW) No progress on action. (July 25 JW)	In Progress - On Track
Travel a Quality		Monitor staff travel trends through the staff survey and encourage change through internal newsletter	Net-zero emissions for council operations by 2030	Transport & Parking Projects	In existing budget	Sep-24	Questions were included in the staff survey 2024 and these will form the base line for subsequent years. Initial exploratory work to develop a Sustainable Travel Plan for council officers is underway. A further EV focussed staff questionnaire circulated in September 2024 helped officers understand demand for the installation of EV infrastructure on site. (January 25 TR)	Completed

Page 52

Theme	Action	Target	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Travel and Air Quality	Investigate and implement EV charging in selected Council owned car parks	Net-zero emissions for council operations by 2030	Transport and Parking Team, Property	External Government funding via ORCS and/or LEVI funding. Commerical model options. CIL monies identified.	Dec-25	HCC have been provided LEVI funding for on-street residential EVCPs and are working to identify locations and appoint the Charge Point Operator. The tender has been launched. TRDC have been awarded OZEV funding to enable EVCP installation in town centre car parks. TRDC has appointed Blink Charging as the Charge Point Operator who will install, maintain and contribute to the cost of EVCPs in town centre and visitor destination car parks. Installations have started on most sites and connection work will continute through till end of 2025. Community Way Car Park - not started High Street West Car Park - connection work left Talbot Road West - connection work left Henbury Way Car Park - connection work left Causeway House Car Park - connection work left King George V playing fields car park - connection work left South Oxhey Leisure Centre - connection work left	In Progress - On Track
Travel and Air Quality	Embed anti-idling policy for council vehicles	Net-zero emissions for council operations by 2030	Environmental Protection, Leisure and Landscapes, Property	In existing budget	Apr-24	Three Division House (laws also les)	Completed
Travel and Air Quality	Updating the staff travel plan with consideration for new opportunities to encourage sustainable transport options.	Net-zero emissions for council operations by 2030	Transport and Parking Team	Budget considerations will be fully reviewed.		New action which the team is reviewing to implement. (July '25 TR)	In Progress - On Track
Travel and Air Quality	Explore procuring Ultra-low Emission vehicle (ULEV) and Electric Vehicle (EV) salary sacrifice scheme	Net-zero emissions for council operations by 2030	HR	In existing budget	October '25	After thorough market evaluation, Octopus has been identified as the preferred supplier. WBC is the lead authority for HR and Payroll, a detailed proposal has been drafted and is currently under review by their Section 151 Officer and the Legal Department. Once approval received from both the Section 151 Officer and the Legal Department, the proposal will be reviewed by Corporate Management Teams (CMT) for final approval. Upon receiving the approvals, scheme can be fully operational within four weeks.(August 2024) - This has now been approved by WBC. The next step is to send to the S151 at TRDC for reveiw and to ensure the council is happy to agree to the checks required. If so, a paper will be taken to CMT on 4/2/25 for CMT approval. (January 25 LP) Action is covered in Row 24 - Staff benifits.	

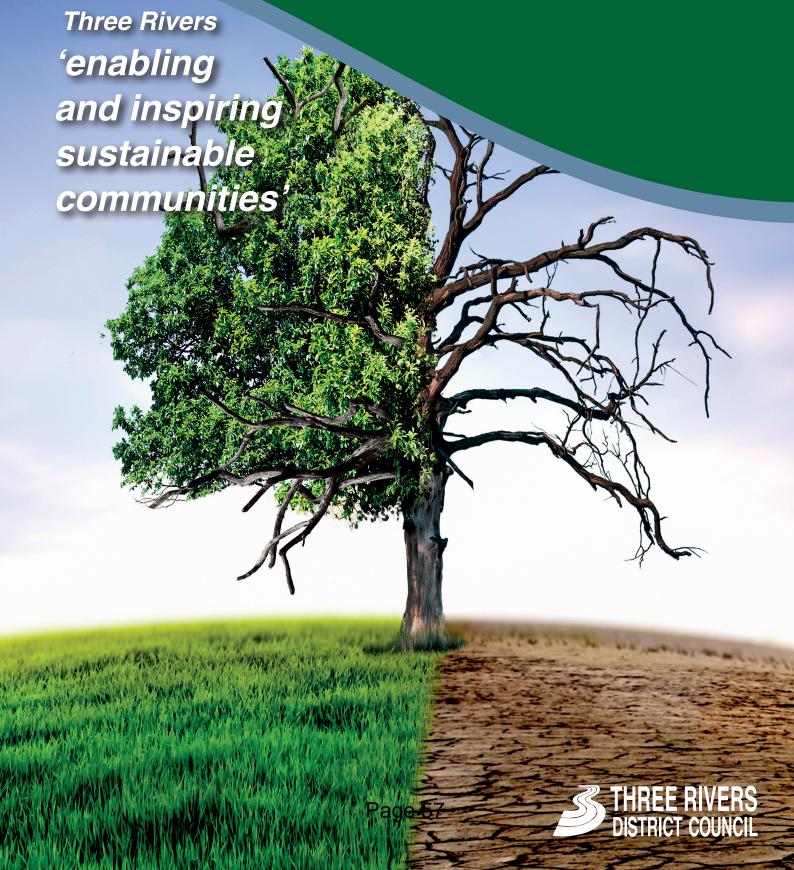
Т	heme	Action	Target	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
Qualit	ty	Establish a route to zero for the council fleet as part of a 5 year fleet procurement plan	emissions for	Environmental Protection, Facilities, Leisure and Landscapes		Apr-25	Electric charging points have been installed at the new Depot. The fleet contains four electric vans used by Enforcement and Animal Welfare Licensing Officers and the Leisure team. New refuse collection vehicles are Euro 6 which is the cleanest technology available. Carbon is embedded in vehicles we own, so only to be replaced with low carbon technology when replacements are needed. It is currently not feasible to change waste collection vehicles to electric as significant investment is needed in the depot and local grid infrastructure to accommodate the fleet. Onsite works will be progressed as part of the CIL funded works in Q3 and Q4 2024-5 but further investment will be needed to ensure local grid capacity and to cover the additional costs of electric refuse fleet which are significantly more expensive and more costly to maintain than their diesel equivalents. (August '24) External support also engaged to provide support in sourcing a new vehicle maintenance provider from July 2026. Options will also assess suitability of current depot to store alternative fuels. Any resulting tender for maintenance provision will include a requirement for most climate friendly plant and equipment. Options appraisal completed and is being considered. Meeting arranged with neighbouring authority to look a shared maintenance provision. (Jan 2025 CT) Conversations have taken place with relevant Authorities but have not led to any progress.	Delayed and vulnerable to not happening
Page S4	omy/Wast I	Increase recycling and reduce waste production by staff and visitors across the 6 core council buildings.	Improve circular economy	Facilities	In existing budgets	March 2025 for improved signage. Education and awareness ongoing	Waste and recycling signage is awaiting installation in Three Rivers House, The HIVE, Watersmeet Theatre staff areas and The Depot. (January 25 ED) As part of the new Government legislation, food waste collections are now taking place across the Council buildings, with signage placed on all food bins. New recycling signage is now up in all council buildings. Communications will be circulated to staff through Friday email, digital boards, and physical posters by bins. (June 25 ED)	Completed
Circuli Econo e and Resou	omy/Wast I	Review the procurement and IT strategies to ensure IT and furniture reuse, repair and recycling are embedded.	Improve circular economy	Facilities, ICT	Existing facilities budget.	Mar-24	When disposing of redundant ICT equipment, ICT use Stone computers, who are - ADISA Accredited - Cyber Essentials Plus Certified - Valpak Zero Waste to Landfill Certified Through the procurement process it will be stated that no waste should go to landfill and that any recycling facilities owned or used by the vendor have relevant accreditations from the Environment Agency. This is an ongoing action and disposal of redundant equipment occurs throughout the year. (January '25 ET)	Completed

Theme	Action	Target	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
	Compliance with Biodiversity Duty as per the Environment Act 2021	biodiversity and/or water	Leisure & Landscapes, Herts County Council, Friends of Groups, Grounds Maintenance, Development Management & Planning	Existing budgets, Officer time, grant funding	First consideration made by Jan 2025, report due by January 2026 and then ongoing	Three Rivers Biodiversity Policy agreed at Full Council in July. This now transitions to business as usual fulfilling legislative obligations (August '24)	Completed
Water	community for staff by developing a	inspire the district to achieve net-	Digital Communications Dig Deep	None	Sept '25	Exploration of interest in the development of a staff allotment at Dig Deep South Oxhey to enable staff to grow their own vegetables with excess being donated to local food banks. Expressions of interest being requested to determine viability in January '25. (CH Jan '25) July update Unfortunately, we did not receive sufficient interest to move the project forward at this time. Additionally, the site is currently closed to members of the public. However, we now have six dates available in August for staff to volunteer at Dig Deep. These sessions will support efforts to get the project back up and running for the wider community. (July 25 CH)	Retired
resilience	Implementation of the further actions arising from the risk register for adaptation and resilience against the impacts of climate change	Build a climate resilient council adaptable to climate change.	Strategy and Partnerships	N/A	Annually as part of Service Planning process	The adaptation and resilence risk register is currently being reveiwed and updated in advance of final service plans being agreed at full council on 25th February 2025. All service plans have a link to the risk registers now which means registers can be updated and reveiwed more regularly. HCCSP has set up a new Adaptation subgroup led by by the Lead Local FLood authority. The group is considering a a countywide risk assesment which is aligned to the National Adapatation Programme, and will suit bross boundary working, putting us in a good place for Local Government Reform. We are aprt of the group.(JH 22/07/25)	In Progress - On Track
	service plans		Strategy and Partnerships all Service areas	In existing budgets	Bi-annual reporting	The adaptation and resilence risk register is reviewed annualy in the service plans with the next update spring '25. This action has beem marked as complete as it is BAU going forward (JH Jan '25)	Completed
	Implement Procurement Strategy which ensures purchasing decisions align with the Council's Climate Emergency and Sustainability Strategy.	emissions for council	Procurement	N/A	Ongoing	Procurement Strategy was adopted by P&R Committee December 2023. Process will be embedded into forthcoming IT procurement as existing staff computers are coming to end of life.	Completed

	Theme	Action	Target	Lead department and partners	Budget	Completion date(s):	Progress	Status of Action
		Review staff benefits package connected to sustainability and publicise.	Net-zero emissions for council operations by 2030	Human Resources, Strategy and Partnerships	N/A	July '25	After thorough evaluation, Octopus identified as preferred supplier for EV car salary sacrifice scheme. As WBC is the lead authority for HR and Payroll, a detailed proposal has been drafted and is currently under review by the Section 151 Officer and the Legal Department. Once approval from both the Section 151 Officer and the Legal Department, the proposal will be circulated to the respective Corporate Management Boards (CMB) and Corporate Management Teams (CMT) for final approval. Upon receiving the necessary approvals, we anticipate that the scheme can be fully operational within four weeks. Update - WBC have approved. Next steps will be for the S151 to reveiw propsal and enusre compliance and governance meets the requirments for TRDC. The paper will then be shared with CMT on the 4/2/25 for approval. Bike to work scheme to be promoted to staff to encourage uptake in Autumn '24. (September '24) (January 25 LP) EV car proposal/ paper has been reviewed by SLT and is due to be shared CMT in the coming weeks. (July 25 ED)	In Progress - On Track
Page 56	Other	Embed specialist staff training relating to climate change and sustainability, relevant to employee roles, into Performance Development Reviews.	Net-zero emissions for council operations by 2030	Climate Change & Sustainability, HR	Within existing budg	Jul-26	Mandatory training now in place for all staff. Carbon Literacy training booked for all Heads of Service and relevent managers for March / April 2025. 8 planning officers attending specialist planning training 28/1/25. 13 Officers are now 'Climate Literate' following successful Carbon Literacy, with 3 others having undertaken the training but awaiting approval. (July 25)	Completed
	Other	Review and prepare a plan to reduce emissions from power tools and other council owned machinery.	Net-zero emissions for council operations by 2030	Environmental Protection	In existing budget	Ongoing	Environment Protection has had a replacement cycle incorporating electric tools since 2022, however performance and cost effectiveness is under review and each new purchase will take these aspects into account. (January 2025)	Completed

Three Rivers District Council

Climate Emergency and Sustainability Strategy 2023-2027



Contents

	Page
Foreword	3 - 4
Introduction	5
Measuring emissions	6
Council operational emissions	
Three Rivers district emissions	8
Reaching net-zero together	9 - 10
Sustainable living	11
Challenges	12
Offsetting	13
The council's achievements since 2021	14
Achievements since 2021 in the district	15 - 16
Reaching net-zero for the council	17 - 18
Supporting the district to reach net-zero	19 - 22
How can residents and businesses can help	23 - 24

Foreword





Since the council's original Climate Emergency and Sustainability Strategy was published in 2021, the effects of climate change have continued to manifest across the globe. The world's oceans were the hottest ever recorded in 2022, and arctic sea ice shrunk to its fifth-lowest maximum on record. Meanwhile, June 2023 was confirmed as the hottest June in the UK since records began in 1884, and July saw the world's hottest day with heatwaves across many parts of Europe, Asia, and the USA.

This year (2023), record-breaking wildfires have devastated parts of Greece, Spain, Portugal, Tenerife, Canada, Hawaii, Chile, and Russia exposing millions of people to toxic air pollution, while torrential rainfall, landslides, and deadly flooding impacted Italy, India, South Sudan, Libya, and the United States. We must take bold and decisive action to limit the extent of global heating and safeguard the health of our planet and the wellbeing of all its inhabitants.



This update to the Climate Emergency and Sustainability Strategy renews the council's resolve to address the climate and ecological crises we face at a local level, and create a more sustainable, fair, and prosperous district for current and future generations.

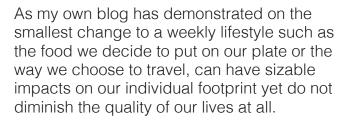
Transitioning to a low-carbon, climate-resilient society is not without its challenges –volatile political landscapes, inconsistent national policy, economic austerity, technological uncertainties, infrastructure and supply chain constraints, resistance to behavioural change and misinformation, all hinder the attainment of net-zero. But it will also unlock a host of economic, technological, and societal opportunities which we must seize.

We cannot address a planetary scale, collective action problem alone. All of us – national and local government, business and industry, communities, voluntary organisations, households, and individuals – have a role to play in addressing a challenge of this magnitude and complexity.

The scale of the crisis can seem overwhelming, and we often hear that actions at the individual level are futile, or that the largest polluters should act first. However, the Office for National Statistics Environmental Accounts show that households are bigger emitters of greenhouse gases than any industry sector in the UK!

Foreword





Indeed, the things we consume account for more than 50% of household emissions, and what we choose to consume is frequently within our control as individuals and households. The updated Climate Emergency and Sustainability Strategy acknowledges that the council has a role to play in empowering and informing residents to make more sustainable choices, but ultimately, the power to act rests with each of you.



By working together, we can realise a Three Rivers where clean energy powers our buildings and transport, homes are energy-efficient and comfortable, nature is respected, protected, and enhanced, resources are consumed consciously, and a circular economy is embraced, the air we breathe is clean and safe, and our food systems are regenerative and sustainable.

I hope you will join us at this critical juncture in rising to the challenge of net zero and creating a thriving low-carbon future.

Sincerely,

Cllr Jon Tankard

Jon Tankard

Introduction

Net Zero

Can be achieved through a combination of emission reduction and emission removal

This document is the Three Rivers District Council (TRDC) Climate Emergency and Sustainability Strategy. The original strategy was written in 2021 in response to the council's declaration of a "climate emergency", and this updated version has been produced to reflect changes at an international, national, and local level, to policy, technology, and experience.

Since declaring a "climate emergency" in 2019, the council has worked to reduce its own emissions, whilst encouraging and enabling others to reduce their emissions, improve sustainability and resilience to the effects of climate change, to enable the council to achieve net-zero carbon for its own emissions by 2030, and support the district in reaching net-zero carbon by 2045.

This strategy focuses on what the council and its partners are doing and plan to do within the parameters of the current legal, financial, regulatory, and technological frameworks, under which we must operate to deliver substantial carbon emission reductions.

The Climate Emergency and Sustainability Strategy 2023-2027 is the detailed work behind the council's Corporate Framework where one of the council's four overarching objectives is to strive towards net-zero and be climate resilient. The strategy is supported by an Action Plan which details quantifiable, short-, medium- and long-term actions needed to meet our aims and is updated continuously and reviewed bi-annually by the Climate Change, Leisure, and Community Committee. The Council's progress addressing the climate emergency can be followed on the website here.

The need to reduce emissions, while adapting and building resilience to the effects of climate change, remain the most urgent tasks of our time. Mitigation is necessary to limit the extent of global temperature rise and the severity of its impacts, however it is also critical to adapt to the impacts of climate change that we are already experiencing.

Our ability to reach net zero is greatly dependent on national and international action and policy on climate change. Addressing the planetary scale problem of climate change requires urgent and strong top-down leadership, and global collective action.

Net zero refers to the balance between the amount of greenhouse gas that is produced and the amount that is removed from the atmosphere. Net Zero can be achieved through a combination of emission reductions and emission removal.

Measuring Emissions



Measuring emissions

Emissions can be divided in to three "Scopes", described below.

Scope 1 Direct emissions

Resulting from vehicles, fuel use, and/or chemical leakage (Which for council operations includes gas and emissions from council owned vehicles).



Scope 2 Indirect emissions

Are associated with purchased electricity.



Scope 3 emissions are complicated, extensive, farreaching and are very difficult to measure accurately with
no consistent methodology currently in use. Therefore,
only limited Scope 3 emissions will be included in the
council's emissions measurements, such as the leasedout leisure services, but not the wider supply chain,
enabling the council to compare the emissions like-forlike each year. However, work continues to be done to
reduce Scope 3 emissions and improve sustainability of
the council and district despite only a limited range being
included in council carbon targets.

Page 62

Scope 3 Other indirect emissions

Other indirect emissions which occur in the value chain of a company and are not already included with Scope 2, such as those from purchased goods and services, transport, or business travel. (Which for council operations includes water, business miles, and leased leisure facilities).



Council operational emissions



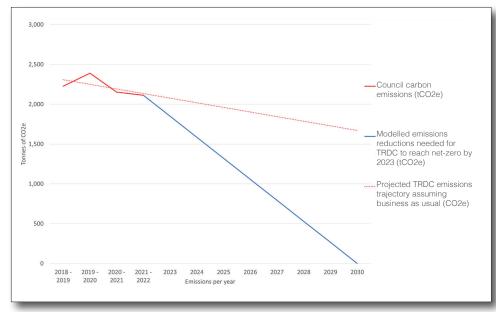
Net-zero carbon by 2030

A reduction of 264t CO2e/year on average is needed.

Achieving net-zero CO2e is a huge challenge and will require a reduction of 264t CO2e/year on average. The Association for Public Service Excellence (APSE)'s Carbon Trajectory Report 2022 estimated the cost to decarbonise the Council would be £19million at 2022 prices, with an annual saving of £160,000 per year. This presents a significant financial barrier to achieving our 2030 net-zero ambition. To explore possible solutions the council has

secured funding from Innovate UK's Net Zero Living Programme to research the use of innovative sources of finance, including community and private finance, to fund decarbonisation activities. This is a two year project and will be explored fully during the course of the Action Plan which will run alongside this strategy.

Figure 1 Modelled trajectory of our ambition to achieve net zero by 2030



This Figure shows the measured emissions generated by the council between April 2018 – March 2020 with a trajectory showing emissions to 2030. The dotted line shows a business-as-usual trajectory, and the blue line demonstrates that active interventions are required to meet net zero by 2030.

The council measures and publishes its own emissions annually in accordance with the Greenhouse Gas Protocol and uses conversion factors for the carbon dioxide equivalent (tCO2e). Page 63

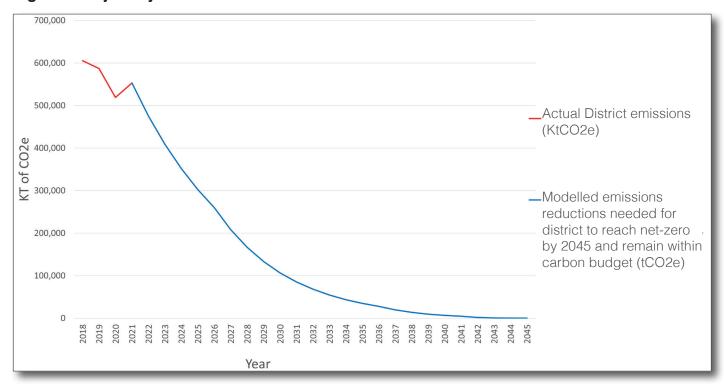
Three Rivers District Emissions

Net-zero carbon by 2045 for the district will require a reduction of 14% annually.

The district will need to reduce emissions by a minimum of 14% annually¹ for the next 5 years to make its fair contribution to the Paris Climate Change agreement.

The figure below shows measured carbon emissions for the District taken from ONS data from 2005 – 2021², and the estimated rate of emissions reductions needed to meet net-zero by 2045 and remain within our carbon budget.

Figure 2 Trajectory Ambition to achieve net zero for the district 2045



The council measures and publishes its own emissions annually in accordance with the Greenhouse Gas Protocol and uses conversion factors for the carbon dioxide equivalent (tCO2e). Page 64

Reaching net-zero together



Working together

Key stakeholders to lead, enable and inspire.



Local Authorities and Government

Stakeholders

Central Government, Hertfordshire County Council, Hertfordshire Climate Change and Sustainability Partnership, Three Rivers District Council.

Key roles

Lead by example by reducing emissions and changing internal practices to be more sustainable.

Enable all to reduce emissions through the policy framework and lobbying, accessing sources of funding, educational and networking support.

Inspire all to reduce emissions and change behaviours through knowledge sharing.

Key areas of influence

Own operations – Reduce emissions associated with the council's estate, fleet, and service provisions.

Policy and strategy – Planning, land management, waste and recycling, transport management, and community services.



Community and voluntary organisations

Stakeholders

Community and voluntary organisations such as conservation groups, community energy groups, environmental advocacy groups, faith groups, residents associations, and charities.

Key roles

Engagement – Trusted source to inspire behaviour change and deliver action and projects in the community.

Key influence areas

Community projects – Community projects with local social benefits that make use of economies of scale e.g. community energy and community gardens.

Reaching net-zero together



Working together

Businesses, organisations and residents.



Businesses and organisations

Stakeholders

NHS/healthcare providers, schools, independent businesses, national chains, suppliers, Hertfordshire Local Enterprise Partnership (LEP), Local Strategic Partnership, Parish and Community Councils, Greater South-East Net-Zero Hub, District Council Network, UK100, Local Enterprise Partnership, Innovate UK, Healthy Hubs

Key roles

Networks – share best practice and knowledge.

Sponsorship – Sponsoring, funding, and supporting community projects.

Engagement – Engage with staff, customers, and suppliers to inspire sustainable choices.

Key influence areas

Buildings – Improve energy efficiency and incorporate renewable energy technologies.

Travel – Use sustainable modes of transport for movement of goods and people.

Production/consumption – Reduce emissions associated with production of products.

Supply chain – Addressing and reducing age 66 supply chain emissions and waste.



Key roles

Behaviour change – Changes to consumption and lifestyle to reduce carbon footprint.

Lobbying – Vote, ask local representatives for change and engage with local decision making.

Engagement – Communicate and share knowledge and skills within your community/network and engage businesses, organisations and community groups to support and drive change.

Key influence areas

Home – Reduce energy, water and resource use at home and enhance nature.

Travel – Increase use of active travel or public transport.

Consumption – Reduce consumption and switch to more sustainable, low-carbon alternatives. Reduce, Reuse, Recycle.

Sustainable living



Consumption of goods and services

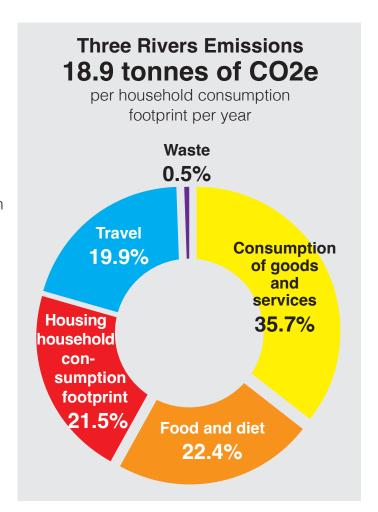
is responsible for the majority of household emissions in Three Rivers.

The average household in Three Rivers produces 18.9t of CO2e per year compared to the GB average of 16t of CO2e per year, with consumption of goods and services having the highest impact (Figure 3).

The emissions generated across Three Rivers vary considerably between local areas. The Community Carbon Calculator indicators³ the carbon footprint of different areas and is a useful tool for measuring your areas impact.

To avoid the worst impacts of the climate emergency, the carbon emissions associated with our lifestyles need to fall dramatically. Some positive movements have started through digital second-hand marketplaces, clothes swaps, high levels of recycling in the district, making more sustainable choices when shopping and reducing single-use plastic. However, more needs to be done - such as adopting low-carbon travel, sharing tools and equipment, repairing broken goods, insulating our buildings, and switching to electric heating systems. Active community groups can assist in these behavioural changes through a collective approach which enables shared learning, economies of scale, developing

libraries of things, community fridges and gardens, repair shops, and buying local goods and services.



Challenges



Challenges to net-zero

Outside influences and obstacles.

This strategy's ambition to achieve net-zero by 2030 for the council's own operations is an enormous challenge. Where possible, we will look for external funding and work with our partners to address this.

The strategy sets
out our direction
of travel and overarching
ambitions. Some of the challenges
we face for delivery include:

Lack of readily available funding to support emissions reductions for council operations and the wider district.



Skills shortages such as accredited retrofit professionals and suitably qualified professionals for installing retrofit technologies.





Uncertainty over "low carbon" technologies such as hydrogen, electric vehicles and heat pump installation and operation.

Lack of awareness among residents and stakeholders of the benefits of adopting: new methods of heating, sustainable travel, incorporating sustainability into decision making, and PaggingConsumption habits.



Offsetting



Ways to reach net-zero

Prioritising emissions avoidance and reduction.

There are a variety of ways to reach net-zero, and not all of them are equal. The council will follow the carbon management hierarchy; this means the council will prioritise emissions avoidance and reduction, and only replace or compensate our hard-to-treat emissions as a last resort.

The council will consider the opportunities for tree planting and other nature based solutions in the district (and county where applicable). Developers will be encouraged to consider carbon absorption opportunities alongside nature enhancements in delivering their Biodiversity Net Gain (BNG) obligations.

Given the geographical limitation for extensive tree planting in Three Rivers, we will be working across the County to identify opportunities for large scale woodland planting in Hertfordshire for carbon offsetting.

Additionally, a review of renewable energy generation opportunities on council owned sites such as car parks will be undertaken.

Achievements since 2021



Reaching net-zero carbon emissions

for our own operations by 2030

- Replaced depot building and now includes an air source heat pump, radiant heating, solar panels electric vehicle charging points, bat bird boxes, an otter holt, insect pile in and fruit trees.
- ✓ Retrofit of Three Rivers House including the installation of air source heat pump and energy efficient cooling systems in the server room saving 335,170 kilowatt hours per annum.
- ✓ **Started** electrifying the council's fleet with three electric vans
- ✓ Adopted an Environmental Impact Assessment tool which embeds consideration of climate change and sustainability in to the council's decisionmaking processes.
- ✓ Upgraded all Three Rivers District Council owned streetlights to energy efficient LED or solar.

✓ Introduced

climate change training for all council staff, with senior leadership benefiting from advanced training on climate change and adaptation.

Achievements since 2021 in the district



Supporting Three Rivers District

to reach net-zero carbon by 2045:

- ✓ **Joined Solar Together** scheme with at least 76 homes in the district installing solar panels and a new round launched in August 2023.
- ✓ Retrofitted 117private homes saving 161.2 tonnes of CO2e annually and 82 social homes.
- ✓ **Supported** energy efficiency improvements for the least efficient homes in the district through the delivery of Energy Company Obligation (ECO4) and Social Housing Decarbonisation fund.
- New independent Home Energy Support Service helpline provided free advice to over 250 residents.
- Resurfaced a significant section of the Ebury Way trail for walkers and cyclists.
- Improved the northbound link in the Grand Union Canal towpath (Three Rivers) route.
- ✓ Inspired sustainable behaviour change at events discussing issues with over by over 2000 residents.

Published

"Guide to Greening Your Home" and 'Greener Living Guide'.

- ✓ **Provided** 2,920 free trees to residents in 2022, with a further 7,086 trees reserved by residents in 2023.
- Adopted the Biodiversity Opportunities Audit (BOA), Nature Recovery Strategy, and Alternative Grassland Management (AGM) Initiative throughout the District.
- ✓ Creation of two new woodlands, made up of 750 trees in Leavesden County Park and Denham Way Playing Fields.
- ✓ Planted 59 street (standard) trees throughout the district.
- ✓ Conservation grazing introduced to the Horses' Field at Leavesden Country Park.
- **Developed** and approved the management plan for the Rickmansworth Aquadrome.
- ✓ Hosted 50 wildlife themed events attended by over 850 local people.

Achievements since 2021 in the district



Supporting Three Rivers District

to reach net-zero carbon by 2045:

- ✓ Commissioned reports to improve active travel in our key centres.
- ✓ Installed wayfinding signage in Croxley Green to encourage active travel.
- ✓ **Developed** and consulted on the district's Local Walking and Cycling Infrastructure Plan.
- ✓ Installed Real Time Information signs at 15 district bus stops.
- ✓ **Established** the Three Rivers Water Partnership to help protect and improve water quality.
- ✓ Awarded community grants for 14 lowcarbon and sustainable projects totalling £19,438 since April 2022.
- ✓ Delivered a Sustainable Business Programme, helped 12 SMEs develop climate action plans.

Secured £300k
funding unding from
Innovate UK to deliver projects with our
partners Grand Union Community Energy
and the National Energy Foundation, to
overcome barriers to net-zero.
The projects include:

The development of a retrofit fit one-stop shop (ROSS)

Assessment of green finance options for Three Rivers District Council premises

A community energy project
A pilot Transition Streets programme

Reaching net-zero by 2030



What must the council do to reach net-zero by 2030 and improve sustainability?

The council has embedded consideration of the climate emergency into its culture and decision-making processes. Our ambition is to achieve an average annual reduction of 264t CO2e to reach net-zero by 2030.

Buildings

Integrate net-zero design and renewable energy into new council and joint venture developments.

Assess opportunities to reduce emissions from council-owned buildings and identify cost-effective finance solutions to fund the decarbonisation of council-owned buildings.

Develop the business case for solar PV on council buildings, sites, and car parks.

Reduce carbon emissions from existing council buildings through retrofit and energy demand reduction.



Travel and Air Quality

Where suitable, progress switching the fleet to low-emission or electric vehicles.

Continue to encourage remote working and virtual meetings to reduce staff travel.

Install electric charging points at council buildings for staff and fleet.

When staff travel is necessary encourage sharing, and low carbon forms of transport.



Reaching net-zero by 2030



What must the council do to reach net-zero by 2030 and improve sustainability?

Circular economy/ waste and resources

Reduce waste and increase the proportion of composting, reuse, and recycling within council operations.

Consider all suitable technology when replacing waste collection vehicles to reduce their carbon footprint.

Continue to use fleet vehicles to promote reduction, reuse, and recycling.



Nature and water

Ensure that all TRDC-owned land is managed sustainably and for the benefit of biodiversity, soil health, public education, responsible recreation and climate resilience.

Reduce the council's water consumption across its estate.



Adaptation and resilience

Ensure our emergency and public health plans account for more severe weather and its impacts on infrastructure and communities.

Ensure the council's infrastructure, landscapes, and services are built, maintained, and managed to be resilient to the impacts of climate change.



How is the council supporting the district

to reach net-zero by 2045 and improve sustainability?

The council will inspire, enable and support everyone in the district to reduce emissions, and adopt sustainable, climate resilient behaviours to achieve net zero emissions by 2045.

Progression and adoption of a new Local Plan is critical to secure the highest standards of environmental performance and sustainability in development.

Housing and buildings

Encourage developers to adopt net zero design standards including the integration of renewable energy and low-carbon heat technologies.

Require all major developments to submit an adaptation strategy and sustainability statement to demonstrate how the development will mitigate and adapt to climate change over its lifetime.

For major non-residential developments, proposals should achieve BREEAM 'Excellent' as a minimum with the ambition to achieve "Outstanding."

Require new development to install flood mitigation measures and facilitate optimum water and wastewater efficiency aiming for water neutrality.

Refuse development if it is subject to unacceptable flood risk or if it would exacerbate flood risk on site or elsewhere.

Develop and implement a decarbonisation action plan to reduce emissions from residential properties.

Encourage community led approach approach to retrofit and sustainability.

Support residents and businesses to reduce their energy use and improve the efficiency of their homes and buildings.

Work in partnership to support the development of the local retrofit supply chain to increase skills and capacity for retrofit in the district and wider county.



How is the council supporting the district

to reach net-zero by 2045 and improve sustainability?

Circular economy/ waste and resources

Continue to play an active role in the Hertfordshire Waste Partnership to produce and promote campaigns, resources, and support.

Consult on and comply with the Government's Resources and Waste Strategy.



Travel and Air Quality

Promote and encourage the use of public transport and active travel.

Adopt and implement a Local Cycling and Walking Infrastructure Plan.

Increase the availability of community services in neighbourhoods to reduce the need for travel.

Support our partners and stakeholders in the development and promotion of strategic sustainable passenger transport and infrastructure.

Develop a county-wide programme that supports a transition to low-carbon private hire vehicles and taxis.

Maximise opportunities in new developments to increase sustainable low- and zero-carbon transport infrastructure.

Ensure Air Quality Management Plans are successfully delivered.

Encourage behavioural change on vehicle idling through education and partnership working.

Expand public electric vehicle charging infrastructure within Three Rivers .





How is the council supporting the district

to reach net-zero by 2045 and improve sustainability?

Nature and water

Enforce Biodiversity Net Gain requirements under the Environment Act (2021) and encourage the net-gain to be achieved in-situ on development sites or within the district.

Work in partnership on a catchment-scale with key stakeholders to protect and enhance local rivers and the habitats and wildlife supported by them.

Promote reductions in water consumption in the district.

Actively encourage Thames Water to invest in their wastewater catchments and the Maple Lodge Sewage Treatment Works to ensure sufficient capacity and eradication of untreated sewage discharges into the chalk streams.

Sustainable living

Adopt a community-led approach to encouraging sustainable behaviours and energy reduction.

Encourage and enable renewable energy generation in the district.

Encourage and inspire local landowners to increase biodiversity and climate resilience and explore options for renewable energy production.

Encourage and inspire local, sustainable food producers to connect food retailers, the hospitality sector, and residents.

Encourage local food production through the development and stewardship of community gardens, allotments, and orchards.

Engage with local businesses, community groups, and residents to adopt sustainable food consumption and reduce food waste.





How is the council supporting the district

to reach net-zero by 2045 and improve sustainability?

Adaptation and Resilience

Adopt a community-led approach to encouraging sustainable behaviours and energy reduction.

Understand the value of trees in the district and the role they will play in tackling the climate emergency locally.

Encourage ecologically resilient and varied landscapes to ensure that habitats remain diverse and adaptable to the impacts of climate change, thereby safeguarding local flora and fauna.

Prioritise climate adaptation efforts that explicitly help our most vulnerable populations.

Inspire and support stakeholders, partners, community groups, businesses, and residents to be resilient to the impacts of climate change.

Encourage landowners in the district to enhance biodiversity through proactive land management to incorporate climate resilience, adapt to a changing climate, and contribute to carbon storage.



How can residents and businesses help



How can residents and businesses help

contribute to a sustainable, net-zero district by 2045?

We have a range of information on our website including a 'Greener Living' guide and 'Guide to Greening Your Home' with lots of helpful hints and tips on living sustainably.

Housing and Buildings

Optimise insulation, install renewable energy, give nature a home, install water saving appliances, and explore smart home technology - home renovations are an ideal opportunity to incorporate these changes.

Reduce your energy use, and switch to a renewable energy provider where installing renewable energy is not possible.



Travel and Air Quality

Increase use of public transport and active travel.

Turn vehicle engines off when not in use to reduce pollution from idling.

Businesses to review active travel plans to encourage use of public and active transport, increase cycling facilities and electric vehicle infrastructure.

Install electric charging points on private property.



How can residents and businesses help



How can residents and businesses help

contribute to a sustainable, net-zero district by 2045?

Circular economy/waste and resources

Prioritise reduction and reuse of waste over recycling.

When buying goods, consider if it is really needed, whether it can be purchased second hand, borrowed or shared, and if new is required consider optimal sustainable choices.

Businesses to have clear reduction, reuse, recycling policies to minimise excess consumption and reduce waste to landfill.

Reduce food waste and increase composting.



Nature, water and food

Reduce water consumption in homes and workplaces.

Maximise space for nature in homes, businesses and on farmland and open spaces.

Consider volunteering on projects that support nature conservation.

Choose in-season, local foods, and look for food items which have a lower carbon impact, such as plant proteins.

Consider options for growing food either in your garden, allotment, or a community space.



Adaptation and resilience

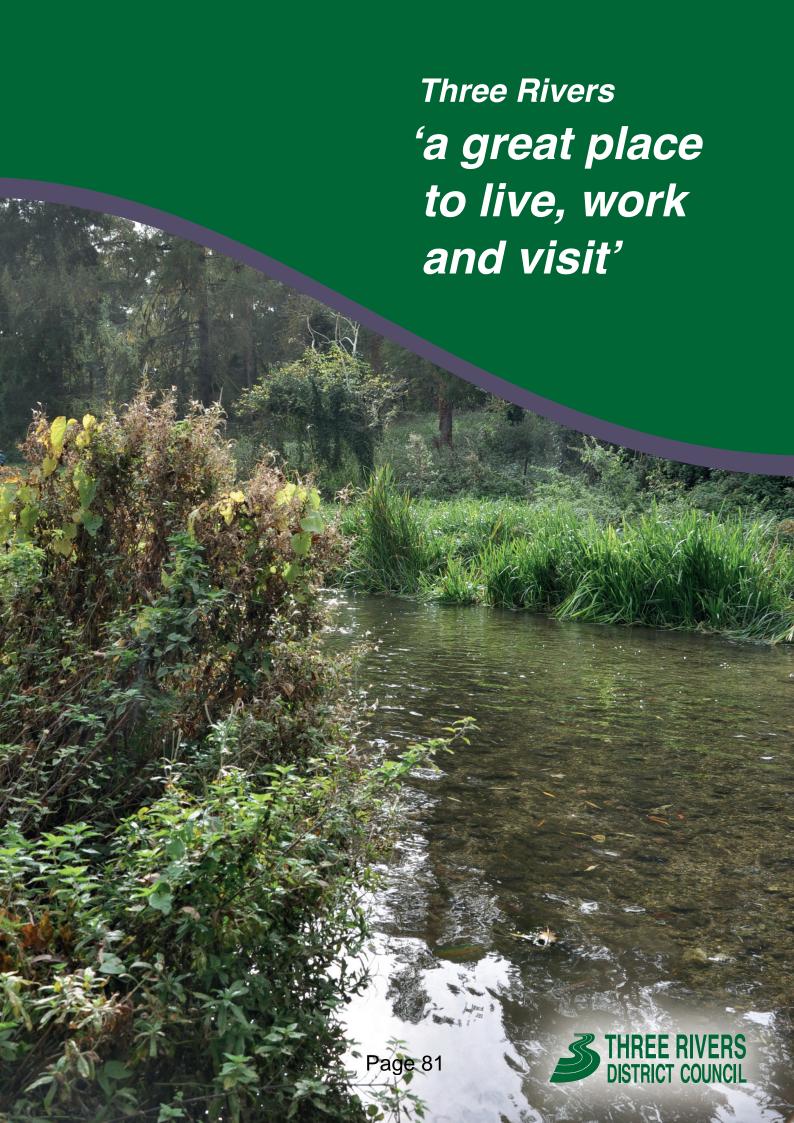
If you have a garden or community space, improve soils, utilise diverse native plant species in landscaping, and plant new trees/hedges.

Help prevent flooding and pollution of our rivers by disposing of waste responsibly and using the sewerage system correctly.

Ensure driveways and outdoor spaces have permeable surfaces and incorporate planting to reduce flood risk.

Retrofit houses and buildings to keep coplainte 30 mmer and warm in winter.







Short Equality Impact and Outcome Assessment (EIA)

EIAs make services better for everyone and support value for money by getting services right first time.

EIAs enable us to consider all the information about a service, policy or strategy from an equalities perspective and then action plan to get the best outcomes for staff and service-users¹. They analyse how all our work as a council might impact differently on different groups ²

They help us make good decisions and evidence how we have reached these decisions.3

See end notes for full guidance. For further support or advice please contact the Community Partnerships Team

Equality Impact and Outcomes Assessment (EIA) Template

First, consider whether you need to complete an EIA, or if there is another way to evidence assessment of impacts, or that an EIA is not needed ⁴

	ID No ⁶	CP007							
Climate Emergency and Sustainability Action Plan									
Update 2024 - 2027									
Environment (Climate Change and Sustainability)									
A core objective of the Corporate Framework is to achieve	e net zero carbon and be climate resilie	nt. This update to the Climate							
Emergency and Sustainability Action Plan 2024-27 sets ou	t how the Council is working to achieve	this overarching objective across all							
service areas.	_								
Stakeholders at all levels will have a role to play in the deli	ivery of the action plan – for residents	this may include being a recipient of							
• •	· · · · · · · · · · · · · · · · · · ·	,							
	<i>517</i>	, , ,							
	d the District to make substantive redu	ctions in carbon emissions to support							
the achievement of carbon neutrality.	a the Bistrict to make substantive read	\cdot							
	Environment (Climate Change and Sustainability) A core objective of the Corporate Framework is to achieve Emergency and Sustainability Action Plan 2024-27 sets ou service areas. Stakeholders at all levels will have a role to play in the del funded retrofit measures, taking part in a group purchasir participating in Transition Streets etc. The principle focus of the Action Plan is for the Council and the coun	Climate Emergency and Sustainability Action Plan Update 2024 - 2027 Environment (Climate Change and Sustainability) A core objective of the Corporate Framework is to achieve net zero carbon and be climate resilies Emergency and Sustainability Action Plan 2024-27 sets out how the Council is working to achieve service areas. Stakeholders at all levels will have a role to play in the delivery of the action plan – for residents to funded retrofit measures, taking part in a group purchasing scheme for renewable energy, volume participating in Transition Streets etc. The principle focus of the Action Plan is for the Council and the District to make substantive reduced.							

Assessment of overall impacts and any further recommendations ⁹

The Action Plan spans all service areas of the Council, detailing individual projects / tasks. Many of the actions create co-benefits such as improving health and wellbeing, promoting social inclusion, addressing economic and health inequalities, reducing energy bills and associated fuel poverty, and improving community resilience to adverse impacts such as flooding and overheating.

The grant funded retrofit projects typically focus on more economically deprived areas as they are more likely to meet the eligibility criteria of poor EPC ratings and receipt of means-tested benefits or low household income. If issues are found which could hinder inclusion e.g. hoarding or anxiety, then support is provided to enable participation in the scheme/event.

The Home Energy Support Service offers all residents free, independent advice. Funding opportunities and relevant discounts/benefits are signposted, and in-person home visits are offered to vulnerable/elderly residents.

The Transition Streets programme in Three Rivers is an inclusive community-led approach to household carbon emissions reductions – there is no eligibility criteria to participate, and participation is free, so open to everyone.

Potential Issues	Mitigating Actions
There are no known negative equalities impacts identified as arising from	Equality Impact Assessments will be carried out for specific actions and
the proposals within the Action Plan.	proposals on a project-by-project basis.
Actions Planned 10	

The updated Action Plan includes a wide array of actions which cover numerous services and community demographics within Three Rivers, with many of the major initiatives positively impacting the most vulnerable who are most likely to benefit from grant-funded house retrofits and are most at risk from the impacts of the Climate Emergency. We will ensure that due regard is given to any potential impact of specific proposals on protected characteristics by conducting Equality Impact Assessments for specific actions and proposals as required. This process is designed to help maximise positive impacts and ensure we are thoughtful and intentional about designing inclusivity and equity into our work. It also helps us identify potential negative impacts and how we can eliminate, minimise or mitigate these.

EIA sign-off: (for the EIA to be final an email must sent from the relevant people agreeing it or this section must be signed)

Equality Impact Assessment officer: Elen Dolder **Date:** 23/07/25

Equalities Lead Officer: Date:

Guidance end-notes

¹ The following principles, drawn from case law, explain what we must do to fulfil our duties under the Equality Act:

- Knowledge: everyone working for the council must be aware of our equality duties and apply them appropriately in their work.
- Timeliness: the duty applies at the time of considering policy options and/or before a final decision is taken not afterwards.
- Real Consideration: the duty must be an integral and rigorous part of your decision-making and influence the process. Sufficient Information: you must assess what information you have and what is needed to give proper consideration.
- No delegation: the council is responsible for ensuring that any contracted services which provide services on our behalf can comply with the duty, are required in contracts to comply with it, and do comply in practice. It is a duty that cannot be delegated.
- Review: the equality duty is a continuing duty. It applies when a policy is developed/agreed, and when it is implemented/reviewed.
- Proper Record Keeping: to show that we have fulfilled our duties we must keep records of the process and the impacts identified.

NB: Filling out this EIA in itself does not meet the requirements of the equality duty. All the requirements above must be fulfilled or the EIA (and any decision based on it) may be open to challenge. Properly used, an EIA can be a tool to help us comply with our equality duty and as a record that to demonstrate that we have done so.

² Our duties in the Equality Act 2010

As a council, we have a legal duty (under the Equality Act 2010) to show that we have identified and considered the impact and potential impact of our activities on all people with 'protected characteristics' (age, disability, gender reassignment, pregnancy and maternity, race, religion or belief, sex, sexual orientation, and marriage and civil partnership.

This applies to policies, services (including commissioned services), and our employees. The level of detail of this consideration will depend on what you are assessing, who it might affect, those groups' vulnerability, and how serious any potential impacts might be. We use this EIA template to complete this process and evidence our consideration

The following are the duties in the Act. You must give 'due regard' (pay conscious attention) to the need to:

- avoid, reduce or minimise negative impact (if you identify unlawful discrimination, including victimisation and harassment, you must stop the action and take advice immediately).
- promote equality of opportunity. This means the need to: Remove or minimise disadvantages suffered by equality groups Take steps to meet the needs of equality groups Encourage equality groups to participate in public life or any other activity where participation is disproportionately low Consider if there is a need to treat disabled people differently, including more favourable treatment where necessary
- foster good relations between people who share a protected characteristic and those who do not. This means: Tackle prejudice –
 Promote understanding

³ EIAs are always proportionate to:

- The size of the service or scope of the policy/strategy
- The resources involved
- · The numbers of people affected
- The size of the likely impact
- The vulnerability of the people affected

The greater the potential adverse impact of the proposed policy on a protected group (e.g. disabled people), the more vulnerable the group in the context being considered, the more thorough and demanding the process required by the Act will be.

⁴ When to complete an EIA:

- When planning or developing a new service, policy or strategy
- When reviewing an existing service, policy or strategy
- When ending or substantially changing a service, policy or strategy
- When there is an important change in the service, policy or strategy, or in the city (eg: a change in population), or at a national level (eg: a change of legislation)

Assessment of equality impact can be evidenced as part of the process of reviewing or needs assessment or strategy development or consultation or planning. It does not have to be on this template, but must be documented. Wherever possible, build the EIA into your usual planning/review processes.

Do you need to complete an EIA? Consider:

- Is the policy, decision or service likely to be relevant to any people because of their protected characteristics?
- How many people is it likely to affect?
- How significant are its impacts?
- Does it relate to an area where there are known inequalities?

How vulnerable are the people (potentially) affected? If there are potential impacts on people but you decide not to complete an EIA it is usually sensible to document why.

- ⁵ Title of EIA: This should clearly explain what service / policy / strategy / change you are assessing
- ⁶ ID no: The unique reference for this EIA. This will be added by Community Partnerships
- ⁷ **Team/Service**: Main team responsible for the policy, practice, service or function being assessed
- ⁸ Focus of EIA: A member of the public should have a good understanding of the policy or service and any proposals after reading this section. Please use plain English and write any acronyms in full first time eg: 'Equality Impact Assessment (EIA)'

This section should explain what you are assessing:

- What are the main aims or purpose of the policy, practice, service or function?
- Who implements, carries out or delivers the policy, practice, service or function? Please state where this is more than one person/team/body and where other organisations deliver under procurement or partnership arrangements.
- How does it fit with other services?
- Who is affected by the policy, practice, service or function, or by how it is delivered? Who are the external and internal serviceusers, groups, or communities?
- What outcomes do you want to achieve, why and for whom? Eg: what do you want to provide, what changes or improvements, and what should the benefits be? What do existing or previous inspections of the policy, practice, service or function tell you?
- What is the reason for the proposal or change (financial, service, legal etc)? The Act requires us to make these clear.

⁹ Assessment of overall impacts and any further recommendations

Make a frank and realistic assessment of the overall extent to which the negative impacts can be reduced or avoided by the mitigating
measures. Explain what positive impacts will result from the actions and how you can make the most of these.

- Countervailing considerations: These may include the reasons behind the formulation of the policy, the benefits it is expected to deliver, budget reductions, the need to avert a graver crisis by introducing a policy now and not later, and so on. The weight of these factors in favour of implementing the policy must then be measured against the weight of any evidence as to the potential negative equality impacts of the policy,
- Are there any further recommendations? Is further engagement needed? Is more research or monitoring needed? Does there need to be a change in the proposal itself?

¹⁰ **Action Planning:** The Equality Duty is an ongoing duty: policies must be kept under review, continuing to give 'due regard' to the duty. If an assessment of a broad proposal leads to more specific proposals, then further equality assessment and consultation are needed.

TRDC Climate and Sustainability Impact Assesment							
Score / Colour Code	Impact and Recommendation						
Dark green (4)	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.						
Light green (3)	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.						
Yellow (2)	Some possible negative impacts for sustainability. Recommendation to review these aspects and find mitigations where possible.						
	Considerable inconsistency with the council's sustainability objectives. Strong recommendation to review these aspects and find						
Red (1)	mitigations.						
Grey (0)	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.						

Guidance for use

Please answer all questions from the drop-down options in the 'impact' column (C), including 'not applicable' as needed.

Please email your completed copy of the form to Joanna.Hewitson@threerivers.gov.uk.

Key to the colour coding of answers is given at the top of the page.

Name of project/policy/procurement and date	Climate Emergency and Sustainability Action Plan update
Brief description (1-2 sentences):	Update to the Action Plan 2024-2027

	Homes, buildings, infrastructure, equipment and energy					
	Question	Impact (select from list)	Score (1 to 4)	Justification or mitigation	Impact (select from list)	Revised Score (1-4)
, 1	What effect will this project have on overall energy use (electricity or other fuels) e.g. in buildings, appliances or machinery?	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4	Purpose of action plan is to reduce energy use	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
2	What effect will this project have on the direct use of fossil fuels such as gas, petrol, diesel, oil?	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3	Fleet replacements will be low carbon when the technolgy is suitable and affordable. Use of fossil fuels in buildings will also be reduced through retrofiitting.	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
3	Does this project further maximise the use of existing building space? E.g. co-locating services; bringing under-used space into use; using buildings out-of-hours	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0		Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
4	Will any new building constructed or refurbished be highly energy efficient in use? (e.g. high levels of insulation, low energy demand per sq. m., no servicing with fossil fuels such as gas heating, EPC "A" or BREAM "excellent").	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4	Maple Cross Pavilion will be constructed to optimum standards	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
5	Does this make use of sustainable materials / unputs in your project? E.g. re-used or recycled construction materials; timber in place of concrete	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0		Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
6	Does this use more sustainable processes in the creation of the project? E.g. modular and off-site construction; use of electrical plant instead of petrol/diesel,	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0		Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
7	Will this increase the supply of renewable energy? e.g. installing solar panels; switching to a renewable energy tariff	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0		Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0

Ways to optimise sustainability and work towards net zero carbon:

- Insulate buildings to a high standard.
- Include energy efficiency measures when carrying out refurbishment to
- deliver improvement in EPC ratings.

 Replace gas boilers with renewable heating, such as heat pumps. Consider District Heat Networks where appropriate.
- Construct new buildings to Passivhaus standard.
- Design and deliver buildings and infrastructure with lower-carbon materials, such as recycled material and timber frames.
- Use construction methods that reduce overall energy use, such as modular, factory-built components, or use of electrical plant on-site. - Install solar panels or other renewable energy generation, and consider including battery storage.
- Switch to a certified renewable energy provider e.g. utilise power purchase agreements (PPA)
- Use energy-efficient appliances.
 Install low-energy LED lighting.
- Install measures to help manage building energy demand, such as smart meters, timers on lighting, or building management systems.

		Strong positive impacts for		Strong positive impacts for	
	Do any appliances or electrical equipment to	sustainability. Recommendation to		sustainability. Recommendation to	
8	be used have high energy efficiency ratings?	proceed as is with this aspect.	4	proceed as is with this aspect.	4
	Average Score		3.75		3.75

	Travel					
	Question	Impact	Score (0-4)	Justification or mitigation	Impact (select from list)	Revised Score (0-4)
9	Reducing travel: what effect will this project have on overall vehicle use?	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.		Through engagement and promotion of active travel in new walking and cycling strategy a reduction in car travel should be achieved	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
10	Will this project use petrol or diesel vehicles or EV, hybrid?	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0	Difficult to answer as not a specific project	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
11	Will this support people to use active or low-carbon transport? E.g. cycling, walking, switching to electric transport	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.		Comprehensive Electric Vehicle Strategy and roll-out of EV charging points will support residents to switch to EV vehicles from fossil-fuel vehicles. New cycling infrastructure and routes, and trial of bike loan scheme will support residents to cycle.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
	Will it be easily accessible for all by foot, bike, or public transport, including for disabled people?	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0	Difficult to answer as not a specific project	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
	Has the project taken steps to reduce traffic? Using e-cargo bikes; timing activities or deliveries to be outside peak congestion times Average Score	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.		Overall aim of the sustainable travel section is to reduce unnecessary car use and therefore traffic.	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3 3.33

Page 90

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to be outside peak congestion times	aspect where possible and proceed.	3	therefore traffic.	possible and proceed.	3
Average Score		3.33			3.33
Goods and Consumption					
•					Revised
Question	Impact	Score (0-4)	Justification or mitigation	Impact (select from list)	Score (0-4)
Has this project considered ways to reuse existing	Strong positive impacts for sustainability.			Strong positive impacts for	
goods and materials to the greatest extent	Recommendation to proceed as is with		Engagement activities will strongly	sustainability. Recommendation to	
possible, before acquiring newly manufactured	this aspect.	4	encourage re-use	proceed as is with this aspect.	4
Does it reduce reliance on buying newly			Engagement activities will strongly		
manufactured goods? E.g. repair and re-use;			encourage re-use, repair, share		
sharing and lending goods between services or	Strong positive impacts for sustainability.			Strong positive impacts for	
people; leasing or product-as-a-service rather than	Recommendation to proceed as is with			sustainability. Recommendation to	
ownership	this aspect.	4		proceed as is with this aspect.	4
	Strong positive impacts for sustainability.			Strong positive impacts for	
Does it use products and resources that are re-	Recommendation to proceed as is with			sustainability. Recommendation to	
used, recycled, or renewable?	this aspect.	4		proceed as is with this aspect.	4
	Strong positive impacts for sustainability.		Transition Streets engages residents in	Strong positive impacts for	
Does it enable others to make sustainable choices	Recommendation to proceed as is with		sustainable behavioural change across a	sustainability. Recommendation to	
within their lifestyles, or engage people about this?	this aspect.	4	range of key topics including Energy, Travel, Water, Food, and Resources.	proceed as is with this aspect.	4
within their illestyles, or engage people about this:		<u> </u>	A number of the actions are focused on		-
	Strong positive impacts for sustainability.		reduce overall waste in the district, and	Strong positive impacts for	
Is there a plan to reduce waste sent to landfill in	Recommendation to proceed as is with		increasing recycling and composting -	sustainability. Recommendation to	
manufacture?	this aspect.	4	therefore reducing waste sent to landfill.	proceed as is with this aspect.	4
	Neutral or not applicable.			Neutral or not applicable.	
Is the material used able to be re-used, re-	Recommendation to consider how			Recommendation to consider how	.
purposed, or recyled at end of its life?	benefits could be achieved in this area,	0		benefits could be achieved in this	0
Has it taken steps to ensure any food it offers is	Strong positive impacts for sustainability.			Strong positive impacts for	
more sustainable? E.g. less and high-quality (high	Recommendation to proceed as is with		Major food waste campaign within action	sustainability. Recommendation to	
welfare) meat and dairy; minimises food waste;	this aspect.	4	plan - #WorthSaving	proceed as is with this aspect.	4
Average Score		4.00			4.00

	Ecology					
						Revised
	Question	Impact	Score (0-4)	Justification or mitigation	Impact (select from list)	Score (0-4)
	What effect does this project have on total area of	Strong positive impacts for sustainability.		Continuation of grassland mamagement	Strong positive impacts for	
	non-amenity green/blue space? (Amenity green	Recommendation to proceed as is with		programme and engagement with	sustainability. Recommendation to	
21	space = playing fields, play areas, sporting lakes	this aspect.	4	landowners is all driven to this aim.	proceed as is with this aspect.	4

Ways to optimise sustainability and work towards net zero carbon:

- Reduce the need to travel e.g. through remote meetings, or rationalising routes and rounds.
- Share vehicles or substitute different modes of travel, rather than procuring
- Specify electric, hybrid, or most fuel efficient vehicles for new fleet or for
- services involving transport.
 Support users and staff to walk, cycle, or use public transport e.g. with cycle parking, training, incentives.
- Use zero-emission deliveries
- Model and mitigate the project's effect on traffic and congestion e.g. retiming the service or deliveries

Ways to optimise sustainability and work towards net zero carbon:

- Procure goods through sharing, leasing, or product-as-a-service models rather than ownership.
- Use pre-owned and reconditioned goods, and reduce reliance on procuring new goods.
- Use recycled materials, and procure items that can be reconditioned or recycled at end-of-life.
- Use lifecycle costing in business cases to capture the full cost of operation, repair and disposal of an item.
- Ensure meat and dairy is high-quality, high-welfare.
- Design waste, including food waste, out of business models e.g. separating (and composting) food waste; replacing single-use items with reusable
- Use contact points with residents, community groups and businesses to engage and enable them to adopt low-waste, low-carbon behaviours.

Ways to optimise sustainability and work towards net zero carbon: (Seek advice from Landscapes Team if required)

- Avoid converting green space to hard surfacing.
- Use underutilised space for planting, such as green roofs and walls.

	Does the project create more habitat for nature?	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.		programme and engagement with	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
	Does it make changes to existing habitats and	Strong positive impacts for sustainability.			Strong positive impacts for	
	have a negative impact on nature? E.g. use of	Recommendation to proceed as is with		Actions included aim to improve nature and	sustainability. Recommendation to	
23	pesticides, reduced extent and variety of plants,	this aspect.	4	biodiversity across the District.	proceed as is with this aspect.	4
		Strong positive impacts for sustainability.			Strong positive impacts for	
	biodiversity, and encourage residents to support it	Recommendation to proceed as is with		Strong engagement programme and	sustainability. Recommendation to	
24	in their private and community spaces?	this aspect.	4	encouragement of community involvement	proceed as is with this aspect.	4
	Average Score		4			4

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species, to	enc	ouraç	ge bio	divers	sity.								

- Reduce trimming of grass and hedges, and avoid use of synthetic pesticides.
- Provide space for animals e.g. long grass areas, bird boxes, bat boxes, insect hotels', ponds, hedgehog hides and passages, log piles
 Consider the ecological impacts from manufacture and use of procured goods, e.g. water pollution; water consumption; land use change for farming; pesticide use; organic/regenerative farming methods

	Adaptation					
	Question	Impact	Score (0-4)	Justification or mitigation	Impact (select from list)	Revised Score (0-4)
25	Does any planned project, construction or building	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3	decision making this will ensure this is at	Some positive impact for sustainability. Recommendation to further enhance this aspect where	3
		Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3	Action Plan includes a risk register and actions to improve resillience to the impacts	Some positive impact for sustainability. Recommendation to further enhance this aspect where	3
	Has any planned building work or infrastructure considered how to mitigate flood risk? E.g. Sustainable Drainage Systems (SuDS); de-paving	Strong positive impacts for sustainability. Recommendation to proceed as is with	4	Engagement activities and SUDS retrofit, and flood risk assessments for new build will all	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
	Does any planned infrastructure or building work increase the overall footprint of hard surfacing? (as opposed to green or permeable surfacing)	Neutral or not applicable.	0	This action plan is not connected to a specific project so difficult to answer.		0
	, ,	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4	services resilient to the impacts of climate	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
	Average Score		3.50			3.50

Ways to optimise sustainability and work towards net zero carbon:

- Install water-saving devices in taps, showers and toilets
- Re-use grey water in new developments
- -Capture and re-use rainwater where possible e.g. water butts for use in car washing, watering garden, toilets
- Ensure all new building or refurbishment (especially of homes) models and mitigates future overheating risk, with adequate ventilation and shading
- Avoid increasing areas of hard surfacing.
 Convert hard surfacing to green and permeable surfacing where possible, and install Sustainable Drainage systems (SUDS).
 Plant drought-tolerant plants and mulch landscapes to avoid water loss
- through evaporation.

Engagement and Influence	1				
Question	Impact	Score (0-4)	Justification or mitigation	Impact (select from list)	Revised Score (0-4)
Does this project raise awareness and understanding of the climate and ecological emergency, and the steps that people can take?	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.		sustainability topics is outlined in the Action	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
Average Score		4			4
Total Overall Average Score		3.76			3.8

Ways to optimise sustainability and work towards net zero carbon:

- 'Make every contact count', by using contact points with residents, businesses and community groups to promote understanding of the climate emergency.

Now assesment is compelete copy and paste box into your business case, committee report. (under environmental implications 6). Whole assesment can be an appendix. Procurement tenders are expected to submit complete report with application.

Climate and Sustainability Impact Assesment Summary				
Homes, buildings, infrastructure, equipment and energy	3.75			
Travel	3.33			
Goods and Consumption	4.00			
Ecology	4.00			
Adaptation	3.50			
Engagement and Influence	4			
Total Overall Average Score	3.8			

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