Mapping for nature recovery

Already delivered:

UDC is the first local authority to use this ground-breaking mapping tool to engage local communities in identifying opportunities for biodiversity enhancement and the protection of nature-rich spaces. In fact this UDC-inspired web tool is being offered by our partners, Commonplace, to other LAs to aid in their nature recovery.

ESTABLISHING NATURE RECOVERY NETWORKS

The Wildlife Trusts describe Nature Recovery Network as **"a joined-up system of places needed to allow nature to recover and thrive. It is a combination of places where wildlife is still abundant, and the places where habitats need to be restored or created so as to expand and connect the remaining fragments. It will also help the natural world to adapt to a changing climate and other pressures on the environment."**

Mapping output from public engagement exercise.

Part 2 - Climate change actions

Action 01 | March 2022 | Transport emissions | Uttlesford's own vehicles

Project owner UDC	*Initiative* By March 2022, Create a Fleet Decarbonisation Plan that maps the transition of our own fleet to low or zero emission by 2030 including detailing carbon savings.	*Cost* Capital budget: The estimated cost of replacing 10 HGVs and 5 light vehicles has already been included within the MTFS. These are vehicles that would be replaced by 2030. The estimated cost of replacing them with electric vehicles would be in the region of £3.1-3.5M in addition to the £2.6M already budgeted. The remaining fleet is for replacement by 2032 and therefore the cost of accelerating replacement and upgrading to electric would be £3.5M. (A zero emission refuse/recycling lorry costs around £550,000-600,000 – more than double that of a standard diesel lorry.) *Our highest CO2 emissions arise from our 16 front line recycling and waste collection lorries. In addition to these we operate a fleet of vans, sweepers and mowers.*
The indicator of success is UDC fleet is reduced and ultimately zero emission.	*First milestone* Fleet review booked with Energy Saving Trust (EST) for f/y 22/23, subject to EST receiving ongoing Government funding.	*Follow-on work* Following the fleet review (EST or otherwise if EST not available), the recommendations will be assessed, and the fleet renewal will be scheduled according to recommendations and capital budget capacity.
Risk The cost of upgrading the fleet to zero emission by 2030 surpasses available budget, impacting on the ability to meet the net zero objective is very high **Mitigation:** Carefully assess the carbon emissions and costs of replacement and ensure that the replacement programme delivers value for both. Offsetting to be used as a last resort. Risk with mitigation is very low.		

Action 03 | March 2022 | Governance | Climate change project management

Project owner UDC	*Initiative* Governance processes established for future decision making on climate change project spending.	*Cost* From existing resources
The indicator of success is An effective governance process for sifting and prioritising projects	*First milestone* March 22 Cabinet meeting: Process submitted for approval.	*Follow-on work* Manage projects following process
Risk: Risk of not meeting milestones: very low **Mitigation:** projects to be regularly monitored to ensure that they are progressing in a timely manner.		

Action 04 | March 2022 | Industry and commerce | District-wide decarbonisation

Project owner	Initiative	Cost
UDC/ECC/others including Dept for Business Energy & Industrial Strategy (BEIS) & organisations affiliated to BEIS (e.g. Innovate UK)	Scoping and delivery of district-wide decarbonisation projects (for instance mapping where EV charging points need to go, how to take whole villages off oil and onto renewable energy) and local energy generation projects identified.	LEAR was grant funded (£12,000) Note: reserve climate budget as seed money for future feasibility studies / projects, to be defined.
The indicator of success is	**First milestone**	**Follow-on work**
Local Energy Asset Representation (LEAR) map is generated	LEAR map created by end 2021 Projects to be put forward for feasibility studies in f/y 22/23. Projects to be moved forward as appropriate f/y 22/23 onwards New models of 'green finance' to be explored.	

Risk: Risk of not meeting first milestone: very low
Mitigation: projects to be regularly monitored to ensure that they are progressing in a timely manner.

Action 05 | March 2022 | Transport emissions | Active travel

Project owner	Initiative	Cost
UDC	Travel survey Map to understand where and how people travel (building on the Local Plan consultation feedback that travel is an important issue)	Initial survey is approx. £4,000 from climate budget.
The indicator of success is	**First milestone**	**Follow-on work**
A comprehensive survey map of active travel and barriers to active travel take up. The map will provide the basis for feasibility studies and project planning.	A travel survey for Uttlesford is completed and assessed by spring 2022.	Other projects come from this mapping process. Examples might be new or improved cycle routes on and off roads, changes to speed limits.

Risk: Residents not completing the survey: medium.
Mitigation: good publicising of survey (as with biodiversity survey)

Action 06 | March 2022 | Transport emissions | EV charging

Project owner	Initiative	Cost
UDC	Installing EV charging points at housing owned by UDC	Cost not yet known
The indicator of success is	**First milestone**	**Follow-on work**
UDC housing to have adequate charging points so that lack of charging facilities is not a barrier to EV take-up by residents	Assess sites for requirements (driveways/car parks etc)	Programme of works for installation to fill gaps

Risk: Project delays
Mitigation: Continuous review of project

Action 07 | March 2022 | Transport emissions | Pollution awareness

Project owner UDC 🏠	*Initiative* Information campaign to highlight dangers to health from the pollution generated by idling engines.	*Cost* From existing resources.
The indicator of success is Residents are aware of the dangers to health from the pollution generated by idling engines.	*First milestone* Public information and awareness campaign – March 2022	*Follow-on work* Repeat campaign October 2022 and ongoing March and October
Risk: Could be counterproductive to efforts to increase active travel as people perceive that they are better protected from pollution by being in a car **Mitigation:** Information about risks of pollution in cars and health benefits of active travel		

Action 08 | March 2022 | Governance | Procurement

Project owner UDC 🏠	*Initiative* Review the procurement process including Scope 3 (which are essentially indirectly created emissions) and social value	*Cost* From existing resources.
The indicator of success is A supply chain with low carbon impact and high social value.	*First milestone* Current procurement process to be assessed against highest benchmark standards.	*Follow-on work* Procurement process to be reviewed/amended if/where necessary
Risk: Risk of not meeting milestones: very low **Mitigation:** projects to be regularly monitored to ensure that they are progressing in a timely manner.		

Action 09 | March 2022 | Governance | UDC energy use

Project owner UDC 🏠	*Initiative* Review energy use footprint of our fuel.	*Cost* From internal resources
The indicator of success is Council reduces own energy use year on year to net zero position	*First milestone* Partly already achieved: UDC is on a green energy tariff. Continual review of energy use and opportunities for energy use reduction, within the context of future working practices. Decarbonisation plan in procurement.	*Follow-on work* Depending on results of UMF – consider what future energy use can be minimised. Note that this project to be moved to Service Plans - to be reviewed by climate change officer.
Risk: Risk of not meeting milestones: very low **Mitigation:** projects to be regularly monitored to ensure that they are progressing in a timely manner.		

Action 10 | March 2022 | Governance | District and parish resilience plans

Project owner	Initiative	Cost
UDC and parishes	Review resilience plans in the light of potential for heatwaves and flooding.	From existing resources / potentially requires some investment in infrastructure
The indicator of success is	**First milestone**	**Follow-on work**
Up to date local (district/parish) resilience plans in place with an emphasis on resilience to extreme heatwaves (lessons learned from Canada) and flooding, and lessons learned from pandemic	Working with Public Health England and Met Office which are both in early stages of working out what guidelines to publish. Uttlesford is one of the first districts (or the first) to contact these national bodies about this. Clearer picture to be in place by end 2021	As per recommendations from the Government agencies

Risk: Risk of not meeting milestones: very low
Mitigation: projects to be regularly monitored to ensure that they are progressing in a timely manner.

Action 11 | March 2022 | LULUCF | Biodiversity mapping

Project owner	Initiative	Cost
UDC and parishes / residents	Map opportunities for biodiversity	Mapping survey: £4,000 climate change budget Funding requirements and opportunities to follow from the map.
The indicator of success is	**First milestone**	**Follow-on work**
A citizen science and community led map of projects to build a Nature Recovery Network for Uttlesford	Mapping survey carried out 2021	Map survey results to be analysed and translated into action plan / fed into Local Plan - as appropriate per suggested project.

Risk: Risk of not meeting first milestone: very low
Mitigation: projects to be regularly monitored to ensure that they are progressing in a timely manner.

APPENDIX 2
Action 12 | March 2022 | Waste and recycling

Project owner UDC	Initiative Working with ECC develop a greater understanding the carbon impact of UDC recycling services to enable future service changes to fully understood in terms of both carbon reduction and recycling performance	Cost Initial consultancy costs to establish service impacts. Work has been included with the review of the Joint Municipal Waste Management Strategy and funded by ECC.
The indicator of success is In depth understanding of the carbon impact of current services and how improvements could be made	First milestone Established benchmark and appoint consultants – linked with JMWMS (Joint Municipal Waste Management Strategy for Essex). March 22	Follow-on work Build results into future service delivery strategy with the aim of balancing recycling performance and carbon savings and initiating future projects.
Risk: Risk of not meeting first milestone: very low **Mitigation:** projects to be regularly monitored to ensure that they are progressing in a timely manner.		

Action 13 | December 2022 | Transport emissions | Uttlesford's business travel

Project owner UDC	Initiative Reduce carbon footprint of UDC business travel and travel to work through use of zero emission vehicles and or changes in ways of working, seeking to be carbon neutral by 2030.	Cost Not yet defined. Part of the cost of this project will later be recouped as savings on business mileage.
The indicator of success is Phased reduction of staff business travel and travel to work to zero emission.	First milestone Establish how to efficiently integrate use of zero emission cars into future working practices future working practices. Develop and consider the business case for Electric Vehicle car clubs	Follow-on work Set up a project team, explore both best practice and the art of the possible, and develop a local model, likely including piloting to establish proof of concept and lead greater take up.
Risk: Affordability, take up, logistics. Risk medium. **Mitigation:** Offsetting to close the gap		

APPENDIX 2

Action 14 | December 2022 | Transport emissions | Active travel

Project owner	Initiative	Cost
UDC/ECC	Local Cycling and Walking Infrastructure plan (LCWIP)	ECC has quoted £7,500 on one occasion and £40,000 on another. To be researched further.

The indicator of success is	First milestone	Follow-on work
A deliverable LCWIP for Uttlesford to include the following:1) better infrastructure within settlements to encourage active travel for short journeys2) segregated cycle routes to connect settlements.	Basic structure of document written in-house 2021. Travel map survey to feed in specific project ambitions by spring 2022. ECC to add technical notes by Summer 2022 (subject to ECC capacity)	Local Plan incorporates this document into the plan.

Developer contributions and grant funding are sought to deliver the schemes. |

Risk: ECC is ultimately responsible for the delivery of an LCWIP that contains physical measures that can technically be installed.

Mitigation: UDC will ensure that all measures put forward for consideration are realistic (for instance where a similar example is available elsewhere) finalisation of a deliverable LCWIP for Uttlesford.

APPENDIX 2
Action 15 | December 2022 | Transport emissions | Active travel

Project owner	Initiative	Cost
UDC/ECC	Encouraging active travel: Micro-mobility schemes.	Case study project in SW, to be rolled out elsewhere, approx. £30,000 per market town, quotes still being sought. Climate change action plan.
The indicator of success is More people trying and sticking to cycling (and e-scooters, subject to legislation) as a viable means of travel for short local journeys. Impact to be measured by take-up of schemes (where schemes are delivered by UDC)	**First milestone** Across Uttlesford: A travel survey map for Uttlesford is completed and assessed by spring 2022. Initial case study Saffron Walden – a joined-up project using existing developer contributions for active travel infrastructure as the project catalyst combined with synchronous micro mobility schemes, cycling proficiency lessons and refreshing school and business travel plans. UDC can control delivery of the micro-mobility schemes (subject to supplier availability), delivery of the physical infrastructure is in the hands of the LHP/ECC. Aiming for delivery in 2022 subject to ECC capacity.	**Follow-on work** Case study: lessons learned in SW to be consolidated as best practice and rolled out in GD and other larger settlements
Risk: ECC is unable to deliver the physical schemes which delay or reduce the impact of the package of behaviour change measures. **Mitigation:** Align ambitions closely with ECC's active travel ambitions.		

Action 16 | December 2022 | Transport emissions | EVs

Project owner	*Initiative*	*Cost*
UDC and delivery partner	Car club (EVs). This could be tied in with pool cars for business use by UDC staff, for instance if available to hire as a part of a car club.	To be costed as part of first milestone.
The indicator of success is	*First milestone*	*Follow-on work*
Fewer residents own and use fossil fuel cars, and have access to a car club where required, reducing overhead of purchasing where cost or parking or charging is otherwise a barrier to their use. The performance metric would be take-up and use of such a scheme.	Potential for EV car sharing schemes to be investigated. Business case for car sharing clubs to be evaluated by spring 2022.	Evaluate the project's potential according to the outcome of the business case.

Risk: Scheme cost is beyond the climate change budget.
Mitigation: Keep the project under review as delivery costs may come down as the market evolves.

Action 17 | December 2022 | Transport emissions | EV charging

Project owner	*Initiative*	*Cost*
UDC / ECC / private sector	Bundle on-street parking spaces so that profitable and unprofitable spaces are combined in packages, to prevent cherry picking of the profitable spaces and future public subsidy of unprofitable spaces.	Cost not yet known
The indicator of success is	*First milestone*	*Follow-on work*
Sufficient on-street EV charging points are available across the district.	Current provision to be reviewed by Local Energy Asset Representation mapping, due for completion autumn 2021.	Review requirements in partnership with ECC

Risk: Highly complex project involving multiple partners
Mitigation: Sound business case

APPENDIX 2
Action 18 | December 2022| Domestic energy | Private housing

Project owner	Initiative	Cost
UDC and delivery partners inc. private rental sector (PRS) (landlords)	Enforce Minimum Energy Efficiency Standards (MEES)	From existing resources.

The indicator of success is	First milestone	Follow-on work
All PRS landlords are aware of and meet the current MEES and are forewarned of upcoming changes. There is no national performance metric for this as the data is not held in any one location. Note that to monitor this market would require manual / individual checking of around 7,000-8,000 addresses, although there are potential ways of automating this.	Sample 10% of addresses and assess scope for enforcement of whole.	1) data gathered on PRS sector (2) publicity campaigns to landlords/tenants/3rd sector on MEES requirements and grant funding where available (3) enforcement action taken (where necessary).

Risk: Automation of data gathering is unsuccessful, making the sampling project too onerous to meet within current resources.
Mitigation: Keep project under review as legislation evolves.

Action 19 | December 2022 | Domestic energy | New build

Project owner	Initiative	Cost
UDC and developers	A published checklist for developers to consider as part of their proposals	From existing resources

The indicator of success is	First milestone	Follow-on work
A checklist that is used as part of the officer report that goes to the planning committee which identifies any gaps between the proposed development and a net zero development.	Green checklist is written and approved for use 2022.	Green checklist is promoted and used by development management.

Risk: Developers chose not to complete the checklist as part of planning applications
Mitigation:

APPENDIX 2
Action 20 | December 2022 | Industry and commerce | District-wide decarbonisation

Project owner	Initiative	Cost
UDC/Parishes/others including the Department for Business, Energy and Industrial Strategy (BEIS) & organisations affiliated to BEIS (e.g. Innovate UK)	Retrofit community buildings in Uttlesford - partnership between UDC and parishes where advantages of scale can be identified.	To be assessed on a case-by-case basis, there may be some grant funding available depending on the ownership structure of the buildings.
The indicator of success is	**First milestone**	**Follow-on work**
All community buildings are net zero, or as close to net zero as heritage / architecture allows. Offsetting identified to close the gaps.	Survey parishes for appetite for working together on this project 2022.	*in collaboration with parishes* (1) identification and assessment of community buildings (2) projects to be defined following assessment

Risk: Risk of not meeting first milestone: very low
Mitigation: projects to be regularly monitored to ensure that they are progressing in a timely manner.

Action 21 | December 2022 | LULUCF | Biodiversity Net Gain (BNG)

Project owner	Initiative	Cost
UDC, DEFRA	Improve biodiversity net gain (BNG) as per Environment Act.	From existing resources
The indicator of success is	**First milestone**	**Follow-on work**
BNG on new developments is made into policy and implemented	A new BNG policy is written as per the Environment Act.	Review current process and opportunities for improvement in line with the Environment Act. New policy in place, implemented and enforced

Risk: Risk of not meeting first milestone: very low
Mitigation: projects to be regularly monitored to ensure that they are progressing in a timely manner.

APPENDIX 2
Action 22 | December 2022 | Waste and recycling

Project owner	Initiative	Cost
UDC	Reviewing our domestic and commercial waste collection offers	Budget relating to service changes will need to be established but any significant service change may require significant capital investment and may impact on revenue budgets. New burden funding may offset changes linked directly to Gov Resources and Waste Strategy.
The indicator of success is Quantified levels of reduction, reuse, repair, reimagining and recycling	**First milestone** Re-Establish Waste Strategy Panel December 2021 agreeing Terms of Reference and links to Climate Change Working Group sub-groups to be organised December 21.	**Follow-on work** Investigate recycling residual waste schemes that can are responsive to impacts of Extended producer Responsibility (EPR), Deposit Return Scheme (DRS) and Climate Change agenda, refresh UDC Resource and Waste Management strategy and model service options for future decisions
Risk: Risk of not meeting first milestone: very low **Mitigation:** projects to be regularly monitored to ensure that they are progressing in a timely manner.		

Action 23 | December 2022 | Waste and recycling

Project owner	Initiative	Cost
UDC and residents	Promote ways to reduce food waste and promote food waste recycling	Within existing budgets
The indicator of success is Food waste is reduced.	**First milestone** Action plan produced to establish campaign December 22	**Follow-on work** Series of initiatives designed to highlight food waste as an issue and the environmental impact of food production and waste.
Risk: Risk of not meeting first milestone: very low **Mitigation:** projects to be regularly monitored to ensure that they are progressing in a timely manner.		

APPENDIX 2
Action 24 | December 2022 | Waste and recycling

Project owner UDC and residents	Initiative Shift residents thinking from 'avoiding landfill' towards minimising resource usage and a circular economy (including reducing single-use plastic).	Cost Within existing budgets (explore collaboration opportunities with ECC (or National) for maximum coordination and impact).
The indicator of success is Residents and businesses are aware of opportunities for reuse, repair and reimagining of items.	First milestone Investigate the potential of linking up with and promoting Essex community or council-led reuse project and Repair Cafes. September 22	Follow-on work The first milestone sets up ongoing projects.
Risk: Risk of not meeting first milestone: very low **Mitigation:** projects to be regularly monitored to ensure that they are progressing in a timely manner.		

Action 25 | December 2022 | Waste and recycling

Project owner UDC and residents	Initiative Improve the capture of material for recycling (within current and then emerging waste disposal/treatment frameworks) to reduce contamination.	Cost Within existing budgets
The indicator of success is Recycling rates are improved and contamination rates reduced.	First milestone Make more of facts and statistics which are available to increase confidence that recycling is actually happening and not going to landfill or being dumped abroad (link to circular economy and single use plastics) March 22 Devise a publicity campaign to explain why we are asking people to recycle and why contamination matters. Dates as above Hangers on bins campaign to highlight contamination of refuse. Ongoing activity.	Follow-on work The first milestone sets up ongoing projects.
Risk: Risk of not meeting first milestone: very low **Mitigation:** projects to be regularly monitored to ensure that they are progressing in a timely manner.		

Action 26 | 2023 | Domestic energy | Uttlesford's own housing

Project owner UDC/ Norse	*Initiative* Decarbonise Uttlesford's housing stock.	*Cost* From existing resources.
The indicator of success is The housing stock is as close to net zero as feasible. (The feasibility metric may change over time as technologies change)	*First milestone* All housing stock to be assessed for a works programme to be planned. Ongoing but to be complete 22/23 **Achievements to date:** 90 council owned properties have had heat pumps installed, 80 properties have had oil boilers replaced, 280 council owned properties have had external wall insulation, solar panels installed on 300 council owned properties	*Follow-on work* Retrofit programme in place. Ongoing. Grant funding accessed where available (subject to Government funding rounds).
Risk: of not meeting first milestone: Low. **Mitigation:** Continue to monitor assessment of housing stock to ensure that the project remains on track.		

Action 27 | 2025 | Transport emissions | Norse's vehicles

Project owner UDC/ and contractors /partners e.g. Norse	*Initiative* Decarbonisation of partners' fleets	*Cost* Likely to be borne by partners, but with some cost inflationary pressure on our payments to them.
The indicator of success is All of their vehicles are zero emission. (3 of Norse's 28 are currently EVs)	*First milestone* Next Norse fleet operating lease due for review 2025.	*Follow-on work* Discussions with partners, and consideration of additional requirements in contracts /partnership arrangements as appropriate.
Risk: Partners do not decarbonise fleet by 2030. Medium.		

APPENDIX 2

Action 28 | Ongoing | Transport emissions | Public transport

Project owner UDC	Initiative Lobby ECC for improvements to public transport in Uttlesford.	Cost From internal resources
The indicator of success is ECC puts the UDC proposals for improvements in place	First milestone Ongoing and/or as consultations arise.	Follow-on work The local plan will identify gaps in service and opportunities for improvements, which UDC will put to ECC.
Risk Risk: ECC / development does not bring changes forward. Mitigation: UDC will work collaboratively with other organisations to achieve the markers of success.		

Action 29 | Ongoing | Transport emissions | Active travel

Project owner UDC/ECC	Initiative Encouraging active travel: Highways infrastructure to support active travel.	Cost As per LHP budget / ECC budget.
The indicator of success is Local Highways Panel (LHP) delivers joined-up initiatives, schemes are tied to climate change objectives. S106 projects (where delivered via LHP) are delivered at the same time as development to embed active travel habits when residents first move into developments.	First milestone The LHP is an ongoing workstream. Post-project assessments to be reviewed for future improvements (subject to ECC).	Follow-on work Ongoing
Risk: ECC prefers different outcomes for LHP – Medium. **Mitigation:** Partnership working with ECC.		

Action 30 | Ongoing | Transport emissions | Active travel

Project owner UDC/ECC	Initiative Support ECC with their school travel plans by providing local contacts where possible.	Cost None
The indicator of success is School children get to school via active travel modes as often as possible.	First milestone Indicators of success to be defined and measured by ECC.	Follow-on work Ongoing
Risk: ECC ceases funding for this work – low. **Mitigation:**		

Action 31 | Ongoing | Transport emissions | UDC / EV Charging

Project owner	Initiative	Cost
UDC	Installing EV charging points in UDC building spaces	From existing resources.
The indicator of success is UDC has adequate charging points for facilities not to be a barrier to EV take-up by staff and other building users	**First milestone** Already scheduled for 2021: London Road Council Offices, Saffron Walden - 4 x 22kW dual outlet Floor standing Fast Chargers – 8 outlets total.	**Follow-on work** Programme of works for installation to fill gaps at other sites.
Risk: External partners are unable to deliver components to schedule. **Mitigation:**		

Action 32 | Ongoing | Transport emissions | EV charging in public car parks

Project owner UDC	Initiative Installing EV charging points in public car park spaces	Cost From existing resources (budgeted Capital Costs)
The indicator of success is UDC has adequate charging points for facilities not to be a barrier to EV take-up by residents of and visitors to Uttlesford.	First milestone Already installed: White St Car park, Dunmow – 4 x 7kW floor/post mounted - dual outlet Fast Charger – 8 charging outlets total. Chequers Lane Car Park, Dunmow – 4 x 7kW wall mounted - dual outlet Fast Charger – 8 charging outlets total. Crafton Green Car Park, Stansted Mountfitchet – 4 x 7kW floor/post mounted - dual outlet Fast Charger – 8 charging outlets total. The Common Car Park, Saffron Walden - dual outlet – 22kW Fast EV charging post Lord Butler Leisure Centre, Saffron Walden – dual outlet – Rapid charging outlet – 50kW rapid charger.	Follow-on work Programme of works for installation to fill gaps
Risk: **Mitigation:**		

Action 33 | Ongoing | Domestic energy | Private housing

Project owner	Initiative	Cost
UDC and delivery partners	Energy Company Obligation and Government grants for low-income households (LAD1/2/3/HUG)	Capital costs grant funded. Officer input from existing resources.
The indicator of success is	**First milestone**	**Follow-on work**
Government grants are obtained for Uttlesford residents on low incomes. UDC and partner organisations facilitate the distribution of grant money	Grants are applied for / obtained Grants are spent according to their timelines and objectives Reviews/ reports are sent to BEIS	These grants are on-going and subject to HM Treasury funding and BEIS' strategic objectives
Risk: on all these projects is very high; UDC does not have overall control of the outcome of these projects and cannot guarantee receipt of grant funding. **Mitigation:** UDC will engage with grant funding organisations and delivery agents to achieve the markers of success.		

Action 34 | Ongoing | LULUCF | Tree planting

Project owner	Initiative	Cost
UDC, parishes and other local organisations	Plant trees around Uttlesford	Trees purchased from climate budget as land becomes available for planting. Note: acquiring agricultural land at scale to plant new woodland: £12-13 per tree (including land). Trees for babies scheme – capital budget £2,500. Revenue costs tbc. Cost of planting a woodland with one tree (including land) for every resident £1-1.5 million. 2020/21 £15k for the tree scheme. £7k match fund from ECC. Total expenditure was **£18,906.57**. £3,093.43, 'underspend' carried over into the financial year for 2021-22. A further £15K has been set aside for 2021/22
The indicator of success is Tree planting is monitored and recorded.	**First milestone** **Achievements to date:** 490 trees have been planted, and 450 hedging plants. Roadside verges under our control are left for rewilding during spring and summer months. We are supporting 'green champions' across the district. Potential for 'trees for babies' scheme.	**Follow-on work** This is a rolling project – the tree officer is in constant contact with parishes to find space to plant trees. The limitation for this project is neither lack funding for trees nor volunteers to plant them but rather lack of land upon which to plant them.

Risk: Risk of not meeting first milestone: very low
Mitigation: projects to be regularly monitored to ensure that they are progressing in a timely manner.

APPENDIX 2

Action 35 | Ongoing | Governance | Consultations

Project owner UDC	Initiative Respond to consultations as they arise and lobby in the interests of the district.	Cost From existing resources.
The indicator of success is UDC lobbies other bodies on behalf of residents	First milestone Reactive	Follow-on work
Risk: Mitigation:		

Action 02 | Complete | Domestic energy | Consumer advice

Project owner UDC	Initiative Review consumer advice provided via our communications channels	Cost From existing resources
The indicator of success is Residents have access to-up-to date and impartial advice on energy efficiency.	First milestone The website provides impartial and up to date consumer energy advice	Follow-on work
Risk: UDC provides outdated advice Mitigation: Provide links to independent and up-to-date advice (government, charities)		

Action 36 | Complete | Transport emissions | EV charging at new properties

Project owner UDC	Initiative Policy on EV charging points at new developments.	Cost From existing resources.
The indicator of success is Best possible policy on the installation of EV charging infrastructure on new developments.	First milestone Complete	Follow-on work Monitor delivery
Risk: Challenge by developers Mitigation: Our policy is supported by the NPPF		

Action 37 | Complete | Transport emissions | Pollution awareness

Project owner UDC	Initiative Improve air quality monitoring and reporting.	Cost From existing resources.

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The indicator of success is Air Quality is monitored and reported in real time using existing equipment	***First milestone*** Complete: Air Quality is monitored and reported in real time. We have NO2 tubes outside the following schools: Great Easton Primary School, High Stile Primary School Gt Dunmow, Thaxted Primary School, St Marys Primary School, Hampton Rd, Stansted, Elsenham Primary School. These were put up in Jan 2020. UDC has a network of diffusion tubes (37 in total). https://www.uttlesford.gov.uk/airquality#Live	***Follow-on work*** Complete
Risk: **Mitigation:**		

Supporting data – District wide emissions data 2005-2019

All data provided by DEFRA

Total emissions, within and beyond our influence:

Local Authority territorial CO2 emissions estimates 2005-2019 (kt CO2)
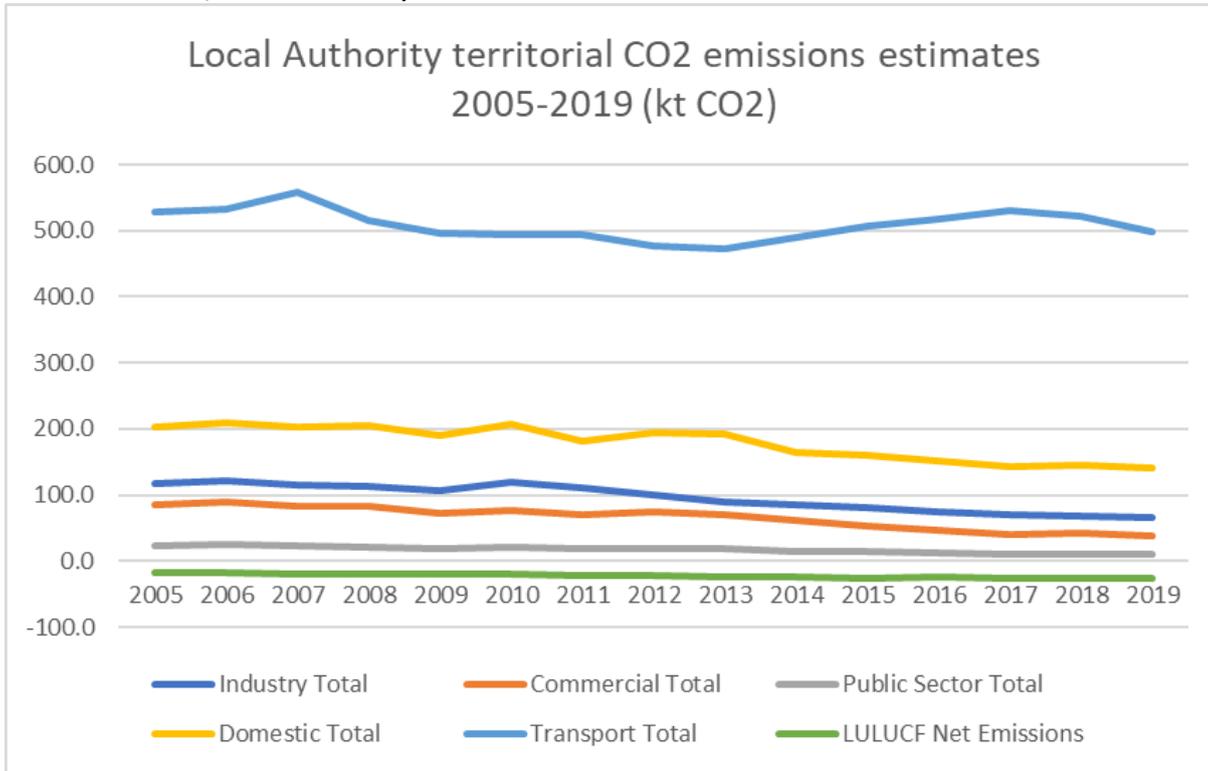
This chart shows all terrestrial emissions in Uttlesford including the M11 and LULUCF (land use, land use change and forestry).

Total emissions, only those within our influence

Local Authority territorial CO_2 emissions estimates **within the scope of influence of Local Authorities** 2005-2019 (kt CO_2)
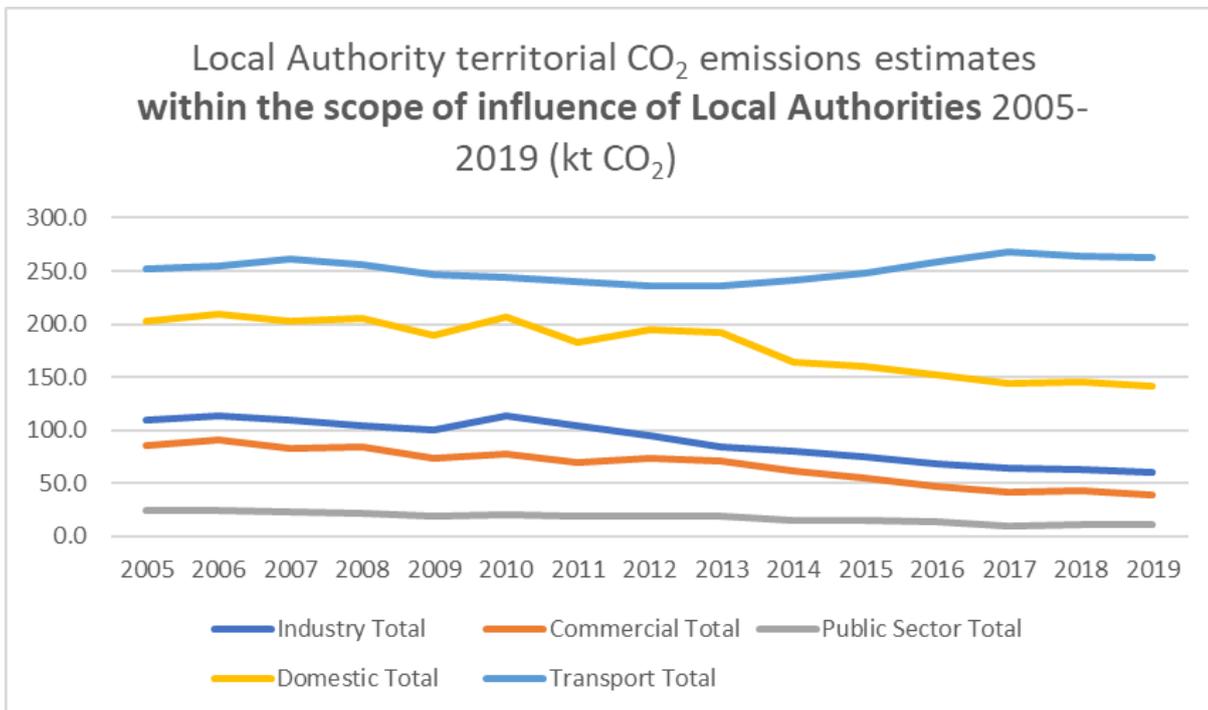
Appendix A– Climate Change Strategy

[Link to the Uttlesford District Council Climate Change Strategy here](#)