

# Annex A – Delivering the Strategy

This stand-alone annex sets out the activity that we have identified to support us to achieve the ambitions of the Sustainable Futures Strategy. We have organised this document around the five key themes described within the Strategy. Objectives for each theme have been set out, along with the way in which we will measure progress, success and an outline timeline.

## Theme: Transport

**1a Objective: Reduce the amount of carbon dioxide equivalent (CO<sub>2</sub>e) and air quality pollutants emitted from journeys made by Warwickshire residents and businesses.**

### Measures:

To align with Local Transport Plan 4 and accompanying action plan.

### Targets:

To align with Local Transport Plan 4 and accompanying action plan.

## Theme: Transport

**1b Objective: Reduce the amount of carbon dioxide equivalent (CO<sub>2</sub>e) emitted because of Council-related travel.**

### Measures:

Year on year reduction of CO<sub>2</sub>e emissions from Council travel (business and fleet).

### Targets:

Reduce Council travel emissions by 1,100 tonnes of CO<sub>2</sub>e by 2030.

### Workstream / Activity

### Measures of success

### By

#### Shift

Encourage individuals to replace short journeys that are typically taken by single-occupancy vehicle for an active travel alternative.

Staff survey recording an annual shift in travel behaviour.

Ongoing

#### Improve

Define the pathway to affordable fleet decarbonisation through a dedicated strategy.

Strategy completed.

2024

Introduce a policy of requiring all vehicle specifiers to include a low or zero emission vehicle as an option.

Number of low or zero emission vehicles purchased in the year.

Agreed as part of our fleet decarbonisation strategy

Workstream / Activity	Measures of success	By	
<b>Improve</b>	Upgrade our car and van fleet to low emission alternatives taking into account cost, viability and performance criteria.	An increased proportion of our fleet operating alternative fuels.	To be defined through the fleet decarbonisation strategy
	Widen the trial of hydrotreated vegetable oil (HVO) in our fleet.	An increased proportion of our fleet operating alternative fuels (km).	Trial to start 2023
	Reduce carbon and air quality emissions relating to home to school transport.	Proportion of buses in service meeting Euro VI standard or above.	Ongoing
<b>Communicate and influence</b>	Support Warwickshire businesses to encourage safe and active travel practices.	Number of businesses engaged with Active Travel Programme. Secured funding for future years.	2023/24
	Support Warwickshire schools to encourage active travel.	Percentage of schools signed up to our Safe and Active Programme. Secured funding for future years.	2023/24
	Improve our understanding of emissions from our grey fleet and support employees to reduce overall emissions.	Staff survey recording an annual shift in travel behaviour.	From 2024
	Provide staff driver training to enhance safety and improve fuel efficiency.	Staff survey recording an annual shift in travel behaviour.	Ongoing

## Theme: Transport

### 1c Objective: Improve resilience of our transport system through climate change adaptation

#### Measures:

Measure to be developed to align with the forthcoming National Adaptation Reporting (ARP) Power 4 methodology.

Workstream / Activity	Measures of success	By	
Adapt the transport system to support a resilient economy and adaptive and inclusive service provision	Develop a climate adaptation plan for our transport services.	Climate change risk register and action plan in place.	2024
	Liaise with external transport owners and operators to support them with preparation of climate change adaptation plans.	Number of adaptation plans produced by external Warwickshire based stakeholders validated by the Council.	Ongoing
	Review and update Council design guidelines to integrate climate resilience into the design and specification of new transport, public space and green infrastructure assets.	Climate adaptation criteria integrated.	2024/25

## Theme: Buildings and Energy

2a Objective: To increase the amount of energy generated from local renewable sources.

<b>Key Performance Indicator (KPI):</b> Amount of installed renewable energy capacity (MW) in Warwickshire.		<b>Targets:</b> Annual increase.	
<b>Workstream / Activity</b>		<b>Measures of success</b>	<b>By</b>
<b>Decentralised energy infrastructure</b>	Work with Energy Capital and neighbouring authorities to develop a local area energy plan to map future energy demand and inform infrastructure investment decisions.	Development of data driven platform created (LAEP).	2024
	Explore opportunities for decentralised networks and microgrids with industry, developers and transmission and distribution operators.	Number of partner-agreed energy infrastructure plans.	Ongoing from 2024
	Explore opportunities for decentralised networks and microgrids with industry, developers and transmission and distribution operators.	Number of partner-agreed energy infrastructure plans.	Ongoing from 2024
<b>Fuels and technology</b>	Explore the potential for community energy schemes.	Stakeholder engagement completed and recommendations delivered to Cabinet.	2025
	Support the adoption of renewable energy technology to reduce carbon emissions and fuel costs.	MW capacity installed annually.	Ongoing

## Theme: Built Environment and Energy

2b Objective: To reduce the amount of carbon dioxide equivalent (CO<sub>2</sub>e) arising from energy and building use across Warwickshire's homes, schools, and businesses.

### Key Performance Indicator (KPI):

CO<sub>2</sub>e emissions from Warwickshire's homes and businesses.

### Targets:

Reductions to align with pathway to decarbonisation by 2050.

### Workstream / Activity

### Measures of success

### By

#### Low carbon technology

Review opportunities, barriers, timescales and capacity potential for county-wide take-up of low carbon fuels and technology for the built environment.

Study concluded.

2024

Support national rollout of heat pumps.

No. of heat pumps installed.

Ongoing

#### Advice and support

Top 20 CO<sub>2</sub>e industrial emitters have agreed net zero targets and plans in place.

Top 20 CO<sub>2</sub>e industrial emitters have agreed net zero targets and plans in place.

Annually

Reduction in predicted domestic heating and electricity consumption based on energy performance certificates.

Reduction in predicted heating and electricity consumption based on energy performance certificates.

From 2024

Provide advice and support to residents to decarbonise.

Number seeking advice from our energy support helpline.

Quarterly

Obtain funding for continuing offering helpline post 2024.

#### Decarbonise Warwickshire's schools

Number of schools attaining Eco-Schools Green Flag.

Number of schools attaining Eco-Schools Green Flag.

July 2028

Co-ordinate funding bids with District and Borough councils for low carbon retrofit and new build, in particular for schools.

£ funding secured.

Annually ongoing

Define and set construction standards and targets to raise energy performance in new and existing schools.

Standard agreed.

2024/25

## Theme: Built Environment and Energy

2c Objective: To reduce the amount of carbon dioxide equivalent (CO<sub>2</sub>e) emitted from Council buildings and streetlighting.

### Key Performance Indicator (KPI):

Year on year reduction of CO<sub>2</sub>e emissions from Council assets (landlord and occupier) and streetlighting.

### Targets:

Reduce CO<sub>2</sub>e emissions by at least 1,650 tonnes of CO<sub>2</sub>e by 2030.

Workstream / Activity		Measures of success	By
Review and assessment	Improve data capture capabilities.	Fully costed programme completed.	2025
	Create decarbonisation delivery plan and determine approach for retrofit.		
	Define and develop a costed planned retrofit programme across portfolio.		
Energy demand reduction and efficiency	Increase awareness, extend carbon literacy training and encourage behaviour change.	No of staff and members carbon literacy accredited.	2024 and ongoing.
	Align maintenance programme with Energy Strategy to move away from condition-based maintenance to a planned and preventative process.	Reduction in kWh.	Ongoing over 7 years
	Reduce unnecessary energy use through energy conservation initiatives.		Ongoing
	Embed energy considerations into regeneration schemes and development or acquisition of new assets.	Define and set targets associated with construction standards across our portfolio.  Report performance against targets post agreement of standard.	Standard agreed 2024/25
Renewables and low carbon generation	Survey Council buildings and landholdings to identify potential for renewables, creating a priority pipeline of opportunities and subsequent feasibility studies.	Renewable energy generated.	Annually from 2025

## Theme: Built Environment and Energy

2d Objective: Improve Warwickshire's built environment to provide resilience to changes in climate.

### Measures:

Measure to be developed to align with the forthcoming National Adaptation Reporting (ARP) Power 4 methodology.

Workstream / Activity	Measures of success	By	
Design and planning	Support development of water and energy efficiency policy which goes beyond national requirements. Work with local authorities to integrate energy and water efficiency measures in local plan making and policy.	Policy introduced in supplementary planning documents to go beyond national minimums.	2025
	Work with District and Borough councils to deliver best practice urban design for adaptation in town centre regeneration projects.	Design objectives updated with relevant urban resilience outcomes.	Ongoing
	Work with District and Borough councils to update local policy and Local Plans to incorporate low-carbon temperature regulation measures in new homes and buildings.		
Overheating	Develop local heatwave plan for the county and test with the Local Resilience Forum.	Plan validated.	2025
	Incorporate low-carbon cooling measures into new Council buildings and extensions.	Requirement incorporated into revised construction standards.	2024

## Theme: Resources, Waste and Material Recirculation

### 3a Objective: Reduce the amount of waste arising in Warwickshire

<b>Measures:</b> Reduction of household waste.		<b>Targets:</b> Recycle at least 65% of waste and reduce landfill below 10% by 2035 Reduce residual waste per person to 50% of 2019 levels by 2042.	
<b>Workstream / Activity</b>		<b>Measures of success</b>	<b>By</b>
<b>Waste management</b>	Work with our waste collection authority partners to improve household waste services and promote waste reduction, repair, reuse and recycling.	% of household waste re-used, recycled and composted.	Reported quarterly
		Total waste (kg) per household.	
		Kgs of residual household waste per household.	
		% household waste sent to landfill.	
		% of household waste re-used, recycled and composted at the household waste recycling centres.	
	Monitor the carbon impact of Warwickshire household waste.	Number of tonnes of carbon emitted by the Council as a waste disposal authority.	Annually
<b>Education and awareness</b>	Deliver a waste education programme for adults.	Number of adults receiving waste education.	Annually
	Deliver a waste education programme for schools.	Number of schools receiving waste education.	Annually
	Reduce waste from council buildings and recycle more of the waste that is produced.	Number of tonnes of carbon emitted by the Council as a waste disposal authority.	Annually



## Theme: Resources, Waste and Material Recirculation

3b Objective: Establish a material recirculation approach that provides commercial opportunities and sustainable jobs.

### Measures:

Align with emerging Economic Strategy alongside nationally available data for commercial and industrial waste and construction and demolition.

### Targets:

Annual reduction of primary raw materials consumed.

### Workstream / Activity

### Measures of success

### By

#### Delivering change

Establish our approach to material recirculation that supports the decarbonisation of the economy in Warwickshire, aligned to our Economic Strategy.

Approach and roadmap produced.

To be determined

Support communities and residents to recirculate materials to support Warwickshire's businesses.

- Number of events per year and number of attendees at events.
- Number of training events.
- Income from grants delivered for initiatives (via community grants programmes).

Reported annually

Support businesses to increase material recirculation and sustainability throughout service and product life cycles.

- External funding acquired to support material recirculation and sustainable products and service initiatives.
- Number of events/hubs per year and number of attendees at events.

Reported annually

#### Lead by example

Council encouraging material recirculation through the whole life cycle of the products and services we procure.

- % contracts which include material recirculation and sustainable lifecycles within the products and services we procure
- % recycled content on new roads.
- % of Council spend on circular products and services.

Reported annually

Drive material recirculation whole life cycle sustainability within the products and services used within construction projects. Work with Future Highways Research Group to develop a carbon calculator for highway works.

% Metric to be set following development of carbon calculator.

Reported annually

## Theme: Sustainable Communities and Green Economy

4a Objective: Grow our economy in a sustainable way to support new low carbon businesses and ensure Warwickshire businesses can successfully transition to Net Zero.

### Measures:

To align with the emerging Economic Strategy as they become available.

Workstream / Activity		Measures of success	By
Support businesses transition to net zero	Delivery of new Warwickshire net zero programme as part of West Midlands Business Energy Advice Service. Advisor to deliver an energy audit and decarbonisation plan.	Number of businesses engaged. Number of decarbonisation plans produced.	Ongoing until March 2025
	Low carbon adoption and economy growth supported through loans and grants.	Value (£) of grants or loans provided.	March 2025
	Commission research into the strength of the low carbon sector in Warwickshire and future opportunities.	Study delivered.	2024
Develop partnerships and promote advocacy	Awareness and engagement (with business).	Number of businesses engaged.	Ongoing
	Develop lasting collaborative working arrangements to support businesses transition to net zero.	Number of organisations with maintained contact at least once a quarter.	Ongoing
Lead by example	Continue to implement sustainability ambitions through our social value approach to procurement.	Value (£) of successful Contract Awards containing sustainability in the evaluation criteria.	Annually
	Ensuring our own companies take action to support a green economy, including the Warwickshire Property and Development Group, Educaterers and others.	Value (£) of carbon reduction and sustainable design over and above Building Regs standards.	Annually
	Engage with fund managers to influence and promote responsible investment and carbon reduction.	Tonnes of CO2 per \$1m carbon footprint (EVIC).	Annually

## Theme: Sustainable Communities and Green Economy

4b Objective: To improve prosperity, health and wellbeing for Warwickshire's communities through our sustainable actions.

### Measure:

Community involvement in groups, clubs or organisations that support the environment, animals, local conservation and preservation.

### Target:

To increase participation in organisations that support environmental action.

### Workstream / Activity

### Measures of success

### By

#### Health and wellbeing

Through our Workplace Wellbeing Forum, we will work with Warwickshire employers to promote inclusive employment initiatives, and company cultures that promote healthy working environments and good mental health.

Number of employers engaged.

Ongoing

#### Making sure we have the right skills to capitalise on a shift to a green economy

Create a demand-led employment and skills system which supports the skills needed for the green economy whilst addressing some of the inequalities that exist across Warwickshire, particularly with the groups prioritised within our Economic Strategy.

To align with our emerging Economic Strategy.

March 2025

#### Inclusive growth

As we facilitate regeneration projects as part of our Economic Strategy, align our place-based approach to Levelling Up, with our sustainability ambitions.

To align with our emerging Economic Strategy.

Ongoing

Support local communities to find and deliver their own solutions that help deliver on our net zero ambitions.

We will measure community participation in environmental action groups.

Ongoing

## Theme: Natural Capital and Biodiversity

5a Objective: Increase the coverage and connectivity of habitats in Warwickshire as a percentage increase of total land.

<b>Measure:</b>		<b>Target:</b>	
<p>Total area of land managed through schemes designed to manage and enhance biodiversity. Percentage of habitat biodiversity net gain in the council's rural estate. Total area of biodiversity net gain schemes established.</p>		<p>30% of Warwickshire land protected and used to support the recovery of nature by 2030.</p>	
<b>Workstream / Activity</b>		<b>Measures of success</b>	<b>By</b>
<b>Habitat restoration and connectivity</b>	Develop and regularly update a county-wide baseline natural capital account to monitor and manage our natural assets.	Establish baseline and annual reporting process.	2024
	Identify areas within Warwickshire where long-term management can be secured to maximise habitat connectivity and benefit wildlife.	Areas defined in accordance with the Local Nature Recovery Strategy (LNRS) due to be published in 2025.	Ongoing following publication of LNRS
<b>Biodiversity net gain</b>	Establish innovative environmental markets to achieve Environmental Net Gain and fund nature recovery and enhancements across the county.	New markets established.	2030
	Support District and Borough councils to become leading local planning authorities in embedding biodiversity net gain and natural capital into decision making	Local planning policies embed environmental net gain.	By 2030
<b>Natural capital markets</b>	Natural capital investment strategy developed to set out our approach to investing in and managing our natural assets.	Strategy produced.	Strategy produced.
	Incentivise emerging environmental markets through competitive prizes (funded from natural capital markets).	Competitive prizes launched.	2027
<b>Awareness and engagement</b>	Support people to understand the value of the natural environment.	Number of visits to Warwickshire Country Parks and Greenways.	Annually
	Communicate, engage and collaborate with our stakeholders to improve the environment and meet shared goals to conserve and enhance biodiversity.	Number of partnerships supported.	Annually

## Theme: Natural Capital and Biodiversity

5b Objective: Increase the amount of carbon dioxide equivalent (CO<sub>2</sub>e) captured and stored through nature-based solutions in Warwickshire.

### Measures:

Number of tonnes of CO<sub>2</sub>e captured and stored annually through nature-based solutions in Warwickshire.  
Annual change in soil and vegetation carbon storage per habitat (CO<sub>2</sub>e carbon/ha) in the Council's rural estate.  
Number of trees planted per year.

### Targets:

2030, 2050 and annual target to be established through the inseting and offsetting plan.

Workstream / Activity		Measures of success	By
Inseting and offsetting	Develop a nature-based inseting and offsetting plan to deliver our 2030 estate net zero targets.	Plan and targets in place.	2024
	Habitat restoration and connectivity: Deliver on our tree planting targets.	352k trees planted.	2030
	Manage, enhance and restore habitats across the county to increase land-based sequestration.	Carbon sequestered tCO <sub>2</sub> e per annum.	Ongoing contribution to net zero targets by 2030
Funding	Explore further funding opportunities to support tree planting initiatives and the development of further county-wide Payment for Ecosystem Services markets to contribute to our 2050 county-wide net zero target.	Number of voluntary and mandatory nature markets active in Warwickshire.	Ongoing

## Theme: Natural Capital and Biodiversity

5c Objective: Improve resilience of our natural habitat through climate change adaptation.

### Measures:

Measure to be developed to align with the forthcoming National Adaptation Reporting (ARP) Power 4 methodology.

Workstream / Activity		Measures of success	By
Response	Integrate climate adaptation into the criteria for selection of Biodiversity Net Gain (BNG) sites.	Climate adaptation criteria integrated.	2024
	Identify areas with biodiversity and climate adaptation potential for safeguarding from development.	Areas identified.	2024
	Promote nature-based solutions to reduce flood risk and increase water quality.	Establishment of water hub partnership group.	2025
Planning and partnerships	Update tree and woodland strategy to incorporate actions to mitigate climate adaptation risks.	Climate change adaptation integrated as a revision to the tree and woodland strategy.	2023
	Work with Districts to deliver best practice urban design for adaptation in town centre regeneration projects. Note: this intersects with flood, transport and biodiversity schemes.	Design objectives updated with relevant urban resilience outcomes.	Ongoing