

SURREY'S CLIMATE CHANGE STRATEGY SUMMARY

The shared ambition of Surrey's 12 local authorities is that our residents live in clean, safe and green communities, where people and organisations embrace their environmental responsibilities. In support of this ambition – and our commitment to the county achieving net zero carbon emissions by 2050 – Surrey's Climate Change Strategy sets out our collective approach to do our part to tackle climate change.

8 years before...

Surrey, at current rates of consumption, will use up its share of the global carbon budget – the total carbon emissions that the world can “afford” if it is to avoid dangerous climate change.

To achieve our goal of net zero carbon by 2050, we must act today.

We recognise that Surrey residents and communities are already facing, and will continue to face, the impacts of climate change on a daily basis. As part of this Strategy, we seek to build on our existing measures to strengthen resilience down to the household level, through climate-proofing our services and infrastructure.

It is be critical that we work alongside residents, the business community in Surrey and other key partners to ensure we are able to secure the required innovation, behaviour change and investment required to mitigate and adapt to climate change.

- | **46%** by 2025,
- | **67%** by 2030,
- | **80%** by 2035,
- | **87%** by 2040,
- | **92%** by 2045,
- | **100%** by 2050.

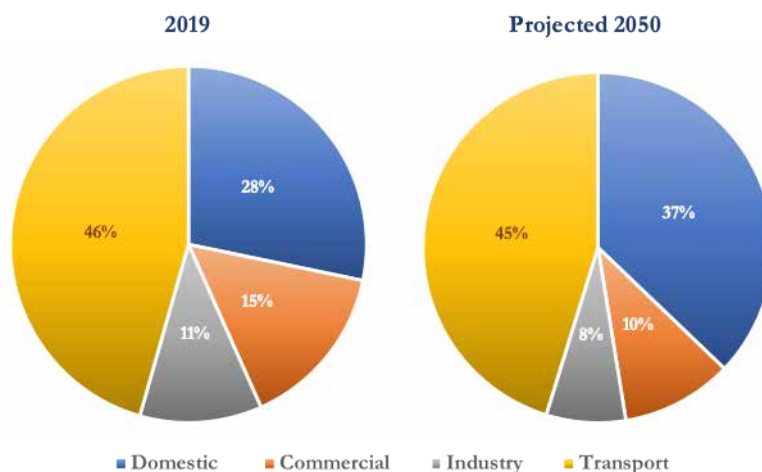


Figure 1. Surrey's Carbon Footprint, CO₂ emissions

The Strategy

The Strategy was developed through engaging with academic partners, residents, businesses, schools and emergency services through workshops, focus groups, resident panels, and commissioning groups.

- | **885** residents engaged
- | **20** partner organisations spoken to
- | **10** community projects developed

The Strategy contains:

- | **8** themed chapters
- | **19** targets
- | **164** actions

Some of these actions can be undertaken immediately and are expected to be completed by 2022, whilst others will take longer to plan, implement and achieve – working towards a 2035 timeline. They will be a mixture of those implemented by Surrey County Council and other authority partners, whilst others will be what our residents and businesses can do. A timeline of example transport actions can be seen here:

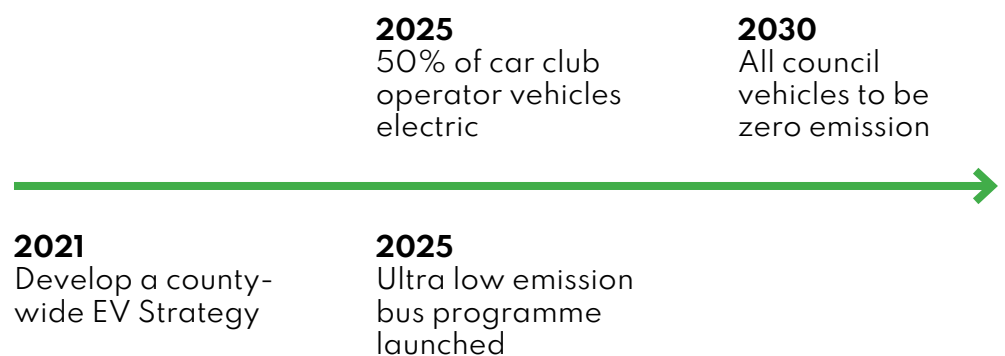


Figure 2. Timeline of actions contributing to the reduction of transport emissions.

The strategic priorities within the strategy, and the accompanying emissions reduction targets, will be revisited every five years to consider potential for acceleration, with an annual progress report against our targets and key actions.

Ambitions and targets

Organisation Emissions I Achieve net zero carbon local authorities that lead by example in promoting sustainable practices across their operations, estate, and vehicles.

Net zero carbon
For Surrey's organisational emissions by 2030 or sooner.

Transport I Deliver and promote an integrated, accessible, affordable and reliable public and active (walking or cycling) transport system across the County, thereby reducing journeys and improving local air quality for improved health and wellbeing of our residents.

60%
Emissions reduction in the Transport sector by 2035 against BAU as a minimum.

Energy Generation I To support the national decarbonisation ambition by leading renewable energy generation expansion and bringing low carbon heating into Surrey homes through smart, decentralised systems.

15%
Of energy from solar PV by 2032.

Housing and Planning I To create low carbon, healthy homes for our residents that reduce emissions, have lower running costs and improve the wellbeing of our community.

66%
Emissions reduction in the domestic housing sector by 2035 against BAU as a minimum.

Buildings and Infrastructure I To drive forward the transition to a zero carbon built environment, through the pursuit of lower operational energy use, increased supply of renewable energy to Surrey's buildings and reduced embodied carbon - the GHG emissions associated with non-operational phases e.g. construction.

61%
Emissions reduction across commercial and public buildings sector by 2035 against BAU as a minimum.

Waste, Resources and Circular Economy
Rethink our current approach to waste, to create a system centred on circular economy principles that seeks to prioritise the reduction of waste creation, encouraging innovative approaches to waste reutilisation and recycling - throwing away will become a last resort.

70%
Of all local authority collected waste reused, composted or recycled by 2030.

Land Use and Food Systems I Develop a land use framework for Surrey focused on increasing accessible green spaces, woodland cover in appropriate locations in line with national targets and sustainable farming practices.

1.2 million
Trees planted by 2030.

Industry and Green Economy I Pursue the transition to clean growth, through the decarbonisation of all major sectors and investment in the development of clean technologies and industries that create jobs and improve the quality of life for our residents.

56%
Emissions reduction across industry by 2035 against BAU as a minimum.

Surrey's Greener Future



Surrey County Council would like to thank the numerous people and organisations who worked tirelessly to develop and shape Surrey's Climate Change Strategy. For further information regarding the strategy please contact: climatechange@surreycc.gov.uk. Or visit our website at: <https://www.surreycc.gov.uk/climatechange>

Here you can also find interactive information on personal impact and climate actions that can be taken, funding opportunities for businesses to reduce their emissions, and community initiatives working to tackle climate change.