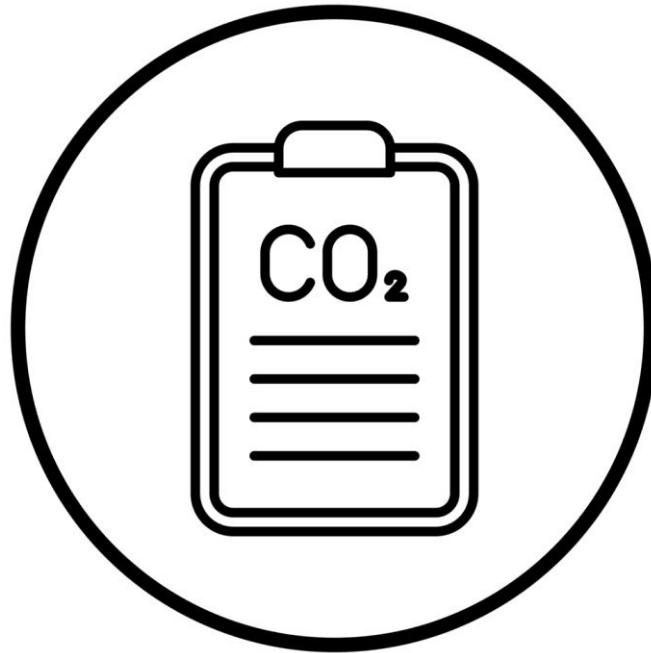


Energy and Carbon Monitoring



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Shropshire Council Climate Action pages:-

[Climate Action](#)
[Carbon Monitoring](#)



Why do we measure carbon emissions?

We measure our carbon emissions so we can understand the impact of our services, track progress over time, and focus effort where it will make the biggest difference. Measuring also helps us manage energy and fuel costs.

Is carbon reporting a legal requirement?

Some organisations in the UK must report energy use and greenhouse gas emissions. Public bodies also choose to publish this information to be transparent and to support local and national climate targets. We use recognised government frameworks such as Streamlined Energy and Carbon Reporting (SECR) and the Energy Savings Opportunity Scheme (ESOS) to guide our approach.

Our net zero commitment and progress

In 2019, the Council committed to working towards net zero emissions by 2030. We publish regular updates so residents, partners and councillors can see our progress, including annual carbon monitoring information and a public climate dashboard.

Who we share this information with

- Residents and communities (through public reports and online dashboards)
- Councillors and Council leadership (to support decisions and investment)
- Government and sector bodies (where required or where we choose to benchmark)

Who is responsible

Reducing emissions is a shared effort across the Council. Specialist teams coordinate the data we need for reporting, and service areas help provide information about their buildings, energy use, travel and suppliers.

How we calculate our carbon footprint

We calculate our carbon footprint each year using recognised methods and government conversion factors. We group emissions into three 'emission Scopes':

- **Scope 1:** Direct emissions from things we own or control (for example, fuel for our vehicles and heating fuels).
- **Scope 2:** Indirect emissions from the electricity we buy and use.
- **Scope 3:** Indirect emissions linked to our wider supply chain (for example, contracted services and purchased goods).

How we monitor energy and water use

We monitor electricity, heating fuels and water across many Council sites. This helps us understand where energy is being used, spot unusual patterns (for example, equipment left running), and target improvements that reduce emissions and costs.



How we use the data

- **Improve efficiency:** We use metering and billing data to understand usage and identify opportunities to reduce waste.
- **Plan investment:** We use the evidence to prioritise upgrades (for example, heating and lighting improvements) where they will deliver the biggest benefits.
- **Track progress:** We compare results year-on-year to see what is working.

How is the Council's carbon footprint calculated?

Data is compiled using a tool provided by the Local Government association: [LGA Carbon Accounting Tool](#) and use this to provide a summary of the council's gross and net carbon footprint for Scope 1,2,3 emissions. Please see [FAQs](#) about the Carbon Accounting Tool. Government conversion factors: [Conversion factors for reporting of greenhouse gas emissions](#).

What about renewable energy?

All renewable energy assets are publicly visible and accessible on our [Climate dashboard](#).

Further information (climate action pages)

The Council has published monitoring reports annually [here](#) and within the [Climate dashboard](#).

- [2025 Carbon monitoring report](#).
- [Shropshire Climate Action](#)

Further references

- [Carbon Reduction Policy - GOV.UK](#)
- [UK to enshrine mandatory climate disclosures for largest companies in law - GOV.UK](#)
- [Streamlined energy and carbon reporting - GOV.UK](#)
- [Energy Savings Opportunity Scheme \(ESOS\) - GOV.UK](#)

Useful contacts

Named party	Role	Contact
Property Sustainability	Council buildings sustainability	propertyustainability@shropshire.gov.uk
Climate team	Projects/ carbon monitoring	climate@shropshire.gov.uk
Affordable Warmth	Our Sustainable Affordable Warmth Strategy	AffordableWarmth@shropshire.gov.uk ksw@mea.org.uk

