

Appendix 1 Spelthorne BC Climate Change Actions to date (May 2021)

- **Reduced our carbon emissions** from energy usage across our estate **by 38% since 2009.**
- 2012 developed a **Carbon Management Plan** aimed at reducing emissions from our estate and operations.
 - **22 energy efficiency projects** were implemented under the plan
 - Resulted in a **24% reduction in our energy use** between 2012 and 2016.
 - The projects included:
 - Energy efficient lighting, light sensors and switch off controls, loft and cavity wall insulation, draught proofing, voltage optimisation, thermostatic radiator valves and a behaviour change programme.
- 2016 developed **Sustainability Strategy**
 - Continued work to reduce our carbon emissions. Implemented a series of projects including:
 - Installing **Solar PV** on Fordbridge and Staines Community Centres (produces 15% of their energy demand)
 - Installation of solar panels at the Depot
 - Further **energy efficiency projects** including window replacements and lighting upgrades at the Council Offices, boiler optimisation at our Day Centres and White House Depot, energy efficient lighting and LED upgrades.
 - A programme of **water efficiency measures** and monitoring across our estate including urinal controls, WC displacement devices, flow restrictors and leak detection and repair.
 - Installed 6 **EV charge points** at Elmsleigh Multi-storey car park, 1 dual charge point at Tothill Multi-storey Car Park. Also installed a dual charge point for staff at Knowle Green. There are now a **total of 32 public EV charge points in the Borough** (see table at bottom)
- The Council has been supporting our residents in are in 'fuel poverty' through Government schemes and grant funding:
 - Through the Energy Company Obligation (ECO): Help to Heat Scheme **over 2,600 energy efficiency measures have been installed in fuel poor homes** in Spelthorne, the highest install rate in Surrey.
 - We have run a **boiler grant scheme through ECO aimed at park homes** which led to 70 homes having new boilers and heating controls installed.
- Other key actions:
 - Planning - **Minimum 10% renewable requirement** on all developments
 - Introduced a **Single-use Plastics Strategy and Action Plan** in 2019
 - **Education** - Engage with schools through running an **annual Eco-conference** at the Council Offices and running the **Junior Citizenship** events.
 - Since 2018 when we committed to planting over 800 trees in our open spaces over a 3 year period we have actually planted 1000.
 - **Electric bin lifts fitted to the majority of the refuse collection fleet** of vehicles in 2017 to minimise diesel use.
 - Provided a **weekly kerbside collection of small electricals (WEE) & textiles for 90% + of Spelthorne properties** and this means that these items are diverted from landfill. This avoids greenhouse gases, which negatively affect climate change, being released into the atmosphere
 - undertaken a flats project introducing food waste and different bin apertures to reduce contamination & increase recycling

- installed in new properties underground recycling bins which make use easier for residents and keeps the bin areas clean
- As part of a sustainable housing strategy include electrical vehicle charging points for new housing and commercial developments
- Removed coffee machines in the depot/nursery and replaced with a coffee station **providing all operational staff with reusable cups**
- **Removed all plastic drinking cups from the KG offices & depot/nursery sites**
- Paperless Council meetings
- Hold junior citizen events annually to all primary school children to help them have a better understanding on the use of plastics in the home and in the environment
- Hold an annual Eco conference
- Encourage Eco Schools to have more sustainable areas in their grounds
- **Stopped cutting large areas of grass to encourage bio diversity and reduce emissions** due to lower cutting frequencies
- **EV pool cars and electric bikes for staff:-** At Knowle Green new electric vehicles and electric bicycles are available to use when travelling between our sites on Council business
- Included in a funding bid led by Surrey CC to trial on-street EV charging points in key locations in the Borough
- **New energy contract stipulates a 100% green energy supply**
- **Launched a commercial waste collection service with the aim of helping our businesses to become more sustainable by offering a commercial recycling & waste collection**
- spent £1.2million making homes in the Borough more energy efficient with funding awarded for new boilers and insulation upgrades.
- installation of solar panels for the housing development in the West Wing of the Council Offices and on our community centres

EV locations in the Borough

Location	No. of units	No. of bays	
Tothill MSCP	1	2	
Elmsleigh MSCP	6	6	
Premier Inn	1	2	
Two Rivers - Waitrose	1	2	
Two Rivers - Vue	7	14	
BP Stanwell	1	1	Rapid
Esso Herds	1	1	Rapid
Homeplay Tesla	2	2	Rapid- Tesla Superchargers
Nissan Shepperton	1	1	Rapid – restricted to Nissan drivers
Park Avenue	1	2	
Kempton Park	2	4	
Costco	8	16	
Total	32 charging units	53 vehicle bays	

Other aims

2023 review the refuse collection fleet and **commit to electric or hydrogen vehicles for 50% of the fleet**, depending on best technology available at the time

2021 purchase the 1st electric community transport vehicle

2027 replace the remaining fleet of CT vehicles with electric or hydrogen depending on working availability of such vehicles