

Carbon Reduction Plan:

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020 baseline. The carbon emission reduction achieved by these schemes equate to **27.8 tCO₂e***, a **2.0%age*** reduction against the 2020 baseline and the measures will be in effect when performing the contract.

*As the initiatives have just been implemented, the values reported are estimates as true carbon reduction benefits have not been measured over a full year. This will feature in next year's reporting.

- SSTL have been certified to ISO14001 "Environmental Management Systems" since 2011 and continue to ensure this is maintained as an ongoing business priority.
- The implementation of LED and PIR lighting in the office areas (estimated 14.8 tCO₂e emissions saving)
- SSTL have recently updated air conditioning chillers for our Tycho House main office. The chillers are more energy efficient and employ free cooling. These chillers supply the SSTL main IT server room (estimated 13.0 tCO₂e emissions saving).
- SSTL have recently changed our gas and electricity supply to 100% REGO renewable power.

In the future SSTL hope to implement further measures such as:

- As part of the Surrey Research Park sustainability working group, help to lead park wide energy reduction schemes.
- Install LED and PIR lighting in our manufacturing areas.
- Starting in 2024, replace the air conditioning chillers in our production cleanrooms with more energy efficient versions which will also include the deployment of free cooling.
- Introduce hot and cold aisles in the IT server rooms to make the areas require less cooling.
- Investigate the implementation of solar panels, not only on our buildings, but over the car parking areas, to generate power for our main buildings.
- Deploy EV charging points at our sites to help encourage our staff to move over to electric vehicles in the future.

Declaration and Sign Off

- This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.
- Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

If you require a copy of the original signed declaration, it is available upon request.