



Tackling the Climate Emergency Together:

Our Strategy for Carbon
Neutral Southwark by 2030



Development of Climate Strategy:

- Draft published in July 2020
- Engagement included online engagement hub, community workshop, young advisers session, pop-up events in parks, interactive lampposts
- Southwark Climate Conference (Nov 20), recommendations from Environment Scrutiny Commission & PSG
- Feedback included:
 - Greater emphasis on the role of business
 - Climate education
 - Climate adaptation & sequestering
 - COVID impact
- Action-Plan underpinned by work from Anthesis



Key Principles:

- Ambition
- Inclusion
- Transparency

‘Whole-Borough Strategy’ but leading by example
(Council responsible for around 12% emissions)

Advocacy will be key as central government
investment essential. Estimated cost of £3.92bn

Southwark's Emissions



Council has direct control over around 12% of borough emissions – From a 2008 baseline, the Council has reduced its own emissions by 36.7% by focusing on energy improvements to our buildings. Scope 1 and 2 (where we have most control) comprise 16% of council emissions and 14% of this is emissions from housing stock. Scope 3 accounts for 84% highlighting need to focus on sustainable procurement, supply chain, construction etc.

Of the borough-wide emissions:

The government estimates Southwark has reduced emissions by 40% between 2005 & 2017. Anthesis have provided a 2017 baseline of 1,288 kTCO₂e comprising...

79% of emissions from buildings including:

- Residential, 27%
- Institutional, 25%
- Industrial, 16%
- Commercial, 8%

15% of emissions from transport (primarily on-road)

6% of emissions from waste disposal

In 2018, Southwark's consumption-based emissions (Scope 3) are estimated at 2,194 kTCO₂e, an estimate of imported goods & services to the borough – but a lot of assumptions here.



5 Key Themes:

1) Greener Buildings

- Commit to net zero carbon buildings in the borough
- Social housing retrofit. Initial insulation work in blocks on the Tustin estate
- Strengthening planning policy with 2030 target
- Carbon Offset Fund to Cabinet in September and price review
- New council homes pilot built to Passivhaus standard
- SELCHP expansion
- Decarbonising District Heat Networks (pilots using water-source heat pumps covering Wyndham, Consort and Newington estates)
- Installing air-source heat pumps across four of our libraries
- Move to renewable 100% electricity in schools and communal housing areas

£2.6bn of capital expenditure required in this area and there are other dependencies to note especially the skills/sector capacity to deliver the work which is needed. Advocacy required – building strong call for a Green Homes Investment Fund

Revenue funding would also be required to support the delivery of this step-change e.g. enforcement of new building standards, promotion of alternatives to Southwark residents.



2) Active & Sustainable Travel

- Reduce car journeys to minimum by 2030, and reduce trips made by car/motorbike to just 13% of all trips by 2041
- Review Southwark Movement Plan in 2022
- Work with the Port of London Authority to develop plan for the Thames
- Reviewing LBS fleet to support move over to EV and other less-polluting means of transport
- Work on project to support consolidation of deliveries and further ideas to be explored with local businesses around last-mile deliveries
- Continued investment in EV charging infrastructure, especially along the Old Kent Road
- Continued investment in cycle hangars across the borough
- Review of LTN measures and investment in cycle network

We estimate that £967m is required, the vast majority for EV infrastructure, but also investment in electric buses, HGVs and active travel infrastructure.

Continued campaigning (Bakerloo Line, Camberwell Station, Rotherhithe Crossing, Bus Review) required to deliver improvements in public transport, which is very challenging given the state of TfL finances.



3) Thriving Natural Environment

- Continue to build on our existing award-winning parks, and 80,000 trees, with further improvements and tree-planting, increasing tree canopy coverage. Shape new Tree Planting Strategy to target residual emissions in 2030
- Increase and enhance green corridors across the borough, expanding and improving green and open spaces
- Enhance biodiversity in the borough, ensuring that new developments are consistent with Biodiversity Net Gain (BNG) and have a positive Urban Greening Factor
- Establish new Sites of Importance for Nature Conservation (17 identified in the NSP)
- Increase opportunities for food growing in the borough including through allotment expansion



4) A Circular Economy with Green Jobs

- Deliver a Green New Deal which creates 5000 green jobs over the next decade
- Continue to reduce exposure of the Council's pension fund to fossil fuels, with target to completely divest across whole portfolio by 2030
- Support local businesses and local supply chains to be more sustainable
- Introduce a net zero aligned procurement policy
- Ban single use plastics in council buildings
- Encourage a more circular economy that reduces consumption and promotes reuse and recycling
- Increase recycling rate by 50% and bring forward pilots to support recycling of food waste on estates
- Create Southwark pledge for more climate-friendly, healthy diets

5) Renewable and Low-Carbon Energy



- Increase local and community sustainable energy production and undertake feasibility work to understand the full potential
- Maximise the co-benefit of tackling fuel poverty through support and initiatives aimed at residents on lower incomes
- Increase the use of smart controls across homes and businesses
- Complete a heat-mapping and master-planning exercise to support potential for heat pump technology across the borough
- Progress the feasibility of borough-wide solar park

Progress here is highly dependent on rapid decarbonisation of the national grid. It also requires a more favourable financial environment for community energy and the installation of PVs.

Taking account of the costs relating to PV installation (domestic and non-domestic) and carbon savings from lighting, cooking and from appliances, the capital cost is estimated to be £238m.



Finance and Resources

- Estimated total cost £3.92bn
- £101m committed in Capital Programme
- £25m capital funding to deliver strategy
- £2m set aside in general fund
- £2.36m in Carbon Offset Fund
- Capital bids to be developed in support of the strategy
- Housing Investment Programme



Where Next?

- Agreed by Cabinet 13th July
- Constitutional Amendment 14th July
- Citizen Jury established this summer
- Communications resources developed over summer
- Summer campaign
- Carbon Offset Fund to Cabinet in September
- Autumn Climate Summit
- Early amendments to the New Southwark Plan
- Council Assembly themed debate in November
- Work on climate resilience and adaptation to follow
- Report from Citizen Jury at end of 2021
- Annual progress report
- Mid-term 2025 review