

Item No. 8.	Classification: Open	Date: 29 October 2019	Meeting Name: Cabinet
Report title:		Delivering a Climate Strategy for Southwark	
Ward(s) or groups affected:		All	
Cabinet Member:		Councillor Richard Livingstone, Environment, Transport and the Climate Emergency	

FOREWORD – COUNCILLOR RICHARD LIVINGSTONE, CABINET MEMBER FOR ENVIRONMENT, TRANSPORT AND THE CLIMATE EMERGENCY

On 27 March 2019, Southwark Council declared the Climate Emergency and committed to do all it can to make the borough carbon neutral by 2030 – twenty years earlier than its previous target.

Some of this will need government and others to change their approach, but this is no excuse for the council not to do all it can to reduce its own carbon and that produced by others in Southwark.

Achieving this will be a massive challenge for the council, and will mean that we fundamentally need to change both the council's and our communities' approaches to many aspects of our lives and activities. But as the work of the Intergovernmental Panel on Climate Change shows, **not** taking such action will have an even greater impact on our lives in the future. It is critical that we act with urgency, and that we bring our communities along with us on that journey so that they too can take action and work with the council to find the best solutions.

This report sets out how the council will rise to meet that challenge. The strategy will be developed through a dozen workstreams to shape how the council will approach housing, planning, energy, transport, biodiversity, waste and many other issues. Crucially, it will also ensure that the council does all it can to engage, consult and empower our local communities in the process.

The challenge we face through the Climate Emergency is massive, but the commitment of the council to pursue this strategy will enable us to meet it.

RECOMMENDATIONS

1. That cabinet notes and supports the proposals set out in the report for developing a Southwark Climate Strategy 2020-2030 and other actions in response to the Council's emergency declaration in March 2019.
2. That the cabinet considers the recommendations in the environment scrutiny commission report (Appendix 3) and request that the relevant cabinet member reports back within eight weeks.

BACKGROUND INFORMATION

3. This report seeks to provide cabinet with a detailed report on the nature and scope of the challenge set by the Climate Emergency Motion passed by Council Assembly in March 2019. The report sets out the plan for the emerging Southwark Climate Strategy 2020-2030 and suggests approaches for engagement, consultation and organisation to support the Council and communities to achieve carbon neutrality by 2030.

A global emergency

4. The global challenge that climate change represents is unprecedented.
5. The warming climate due to human activity and emissions has led to rapid loss of biodiversity and damage to delicate ecosystems that threatens and impacts all life on Earth. This crisis is not something that any of us are insulated from, and the impact of climate change is already being felt across the globe. Meeting this challenge will require fundamental changes to how our societies, systems, and communities are organised, and this will impact on how we all live and work.
6. There is a strong scientific consensus on the need for action. The Intergovernmental Panel on Climate Change (IPCC) special report on Global Warming, published in October 2018, describes the enormous harm that a 2^oC rise is likely to cause compared to a 1.5^oC rise. Limiting Global Warming to 1.5^oC may still be possible with ambitious action from national and sub-national authorities, civil society, the private sector, indigenous peoples and local communities.
7. The Intergovernmental Panel for Biodiversity and Ecosystem Services (IPBES) stated that around 25% of the world's species are now at threat of extinction due to habitat loss and the effects of climate change. The Committee on Climate Change recently reported that there will have to be a quadrupling of low carbon electricity, major scale carbon capture and storage, and a radical change of land use to reach 'carbon net zero' by 2050.
8. There are a range of opinions on the pace required to meet this emergency.
9. The UK Committee on Climate Change, along with the IPCC, both reference dates of 2050 to achieve carbon neutrality which the UK Government announced it would adopt on the 12 June 2019. Extinction Rebellion state that we should aim for carbon net zero by 2025.

Southwark Climate emergency declaration

10. The council declared a climate emergency in March 2019 and vowed to "*do all it can to make the borough carbon neutral by 2030.*"
11. The council knows that this will require urgent action at all levels of government, and that we need to go further, faster and set an example to others and show leadership. The actions the council can take will not only deliver a more environmentally sustainable borough, but also wider social, economic and health benefits.
12. The council committed itself to developing an overarching strategy to deliver

these changes at a much more rapid pace than the rest of London, and to do this with the endorsement and involvement of stakeholders, businesses, experts, residents and all aspects of the community within Southwark, making sure that all voices and views are heard.

The Southwark Climate Summit

13. On 1 July 2019, Southwark hosted its first Climate Emergency Summit in response to the declaration by council assembly of a climate emergency on 27 March 2019.
14. The summit was attended by around 100 representatives from stakeholders, community groups, voluntary sector and environmental groups such as Extinction Rebellion, Friends of the Earth and Greenpeace. Representatives from the GLA and central government agencies were also in attendance.
15. Following presentations, attendees broke into workshops to share their experiences, discuss the key challenges facing the borough and focus on what the next steps towards becoming a carbon neutral borough should be.
16. The Summit agreed that another meeting should be held soon, that an overall strategy and action plan should be developed that covered all activity in the borough and that the pace of change needed to be rapid, and that these changes would be fundamental and would need resourcing.
17. A key message was that action wouldn't be possible without the involvement and engagement of every resident, home and business within the borough and that rapid change would only come from working together. It was agreed that there needed to be extensive engagement and consultation with residents and stakeholders and that officers would develop this as part of the strategy.
18. Officers were asked to develop governance arrangements, and to ensure that a formal consultative group would be formed to shape and steer the development and delivery of the strategy.

The Southwark carbon context

19. The targets set out in the Climate Emergency Declaration are challenging. To deliver these a significant change to the way the Council operates is required and this will affect every business and resident in Southwark. This is also in the context of delivering borough wide carbon neutrality 20 years in advance of the current London wide target of 2050 (London Environment Strategy/1.5C Compatible Climate Action Plan).
20. Southwark, along with similar inner London boroughs, faces some unique challenges. We have a growing population of over 300,000 residents, with the 9th highest population density, and we are the 8th most deprived borough in London.
21. Around 42% of our housing is social housing, and Southwark is the largest landlord in London with over 50,000 properties and 14,000 leaseholders. However, much of the housing stock is in need of ongoing major investment, and there is increasing demand for housing.
22. There are approximately 15,000 businesses in Southwark and our population is diverse and complex in affluence, deprivation, age and mobility. The borough has

major transport hubs and arterial routes within it, and ongoing large scale regeneration opportunities and projects.

23. Based on our previous baseline targets from 2008 and the data available, council activity represents only about 16% of the Carbon emissions in the borough, including from our own housing stock. Operationally the council manages around 500 buildings ranging from the Tooley Street offices with approximately 2,000 staff, to small parks offices.
24. Clearly the implication of this is that whilst the council has limited control of the majority of the carbon emissions within the borough, we do have a central role in mobilising, advocating for change and leading by example to achieve our aims.
25. We have to work with all partners and sectors of the borough to achieve the aims of the emergency declaration. Any climate strategy will only succeed if it's built on strong partnerships, shared agendas, equality, agreed actions and a framework that encourages social and behaviour change.

London wide context

26. Currently 24 London Boroughs have declared some variety of climate emergencies, with a range of targets from making only their own operations carbon neutral, to whole borough plans with end dates ranging from 2025 to 2040.
27. A number of cross-borough groups are focusing on these issues including the London Environment Directors Network (LEDNET), the London Chief Executive Network (CELC) and London Councils who have formed a Climate Change Officers Group. Southwark has engaged with all these forums as well as with the GLA in order to coordinate activity. We have made direct contact with our nearest neighbouring boroughs to discuss coordinating activity, particularly around data collection and analysis.
28. We are currently scoping and unpicking the dense network of technical and specialist forums that exist to help to deliver our aims in key areas such as transport, housing, business and energy.

Existing plans, actions and targets

29. Southwark is not starting from scratch on its journey towards becoming a carbon neutral borough and adapting to climate change impacts. There has been significant progress made towards reducing the Council's own emissions and developing sustainable infrastructure within the borough.

Carbon Reduction Commitment (CRC) and energy

30. Our Carbon Reduction Strategy was based on our 2008 baseline. This was a requirement of the Carbon Reduction Commitment (CRC): this scheme has now ended. The borough wide baseline figures was extracted from existing data published by the department of Business, Energy and Industrial Strategy (BEIS) around energy, climate change, energy efficiency and fuel poverty, as well as the London Energy and Greenhouse Gas Inventory (LEGGI) and other sources.
31. Our current Carbon Reduction Strategy has ended with the CRC scheme and there is a need to refresh and replace this strategy in line with the climate

emergency and our new targets. Although many of the actions within the strategy are likely to be similar to those taken forward, they need to be examined within the context of achieving carbon neutrality across the Borough, and not just across the Council's own operations.

32. We have been working towards the council target of reducing the emissions from our own operations by 50% by 2022, based on our existing CRC baselines. The 2008 CO2 baseline taken for the CRC was 41,306 tonnes per year. Against the same baseline, the figure for 2017-18 was 25,961 tonnes. This is a 36.7% reduction on 2008 and we are on target to achieve a 50% reduction by 2022.
33. Decreasing our energy use is the area where the biggest reductions in emissions can be quickly made. We are in partnership with London Energy Partnership (LEP) which represents the majority of London Boroughs, the Metropolitan Police, LFP, NHS and TFL. Southwark is a board member and working with them to explore moving to 100% renewable energy for our own sites, as well as exploring local generation and energy storage options.
34. Our current contract covers the supply of gas and electricity to the Council's operational estate, parks and street lighting, as well as to the communal elements of the Council's housing estates including supply of gas to the boiler houses and district networks.
35. We have largely achieved this through a mixture of energy efficiency, building improvements and capital investments and the consolidation of accommodation. For example, we are in the process of replacing the lighting in our Tooley Street office with LEDs, which will deliver a 75% reduction in consumption, which equates to a £110K saving and a 572 tonne CO2 reduction per year.

Borough wide activity

36. Significant progress has already been made in respect of carbon reduction and the wider sustainability challenges we face in the borough. We have already been engaging and consulting with the community and local groups to make sure our plans are owned and delivered, and the proposed climate strategy will bring this activity together in order to coordinate it and maximise the benefits for the borough.
37. A summary of this activity is set out in Appendix 2 of this report, but current programmes are broadly focused on:
 - Improving transport and sustainable travel
 - Planning standards and use of space
 - Improving building efficiency
 - Exploring energy opportunities
 - Improving biodiversity and green space
 - Reducing the impact of the council's own activities.
38. Getting **organised**: Although the council itself only has direct control over a small percentage of the emissions in the borough, it can play a vital role in leading, organising, inspiring, coordinating and enabling change across the borough to make Southwark carbon neutral.
39. Current council activities in this area are not as well coordinated as they could be,

and there is no overarching management structure or reporting mechanisms to do this. A proposed internal project structure to address this gap is set out in Appendix 1. This approach should allow us to coordinate our own activity, and provide a platform for engaging with developing networks, stakeholders and partners.

40. There is a growing momentum behind existing and emerging climate action networks and stakeholder groups and they have a key role to play in shaping our strategy and delivery for the next decade. Many of these groups and networks were represented at our summit in July, such as Extinction Rebellion, Greenpeace, Friends of the Earth, Business Improvement Districts, schools and local plastic, air quality, cycling and biodiversity groups. We will continue to work with these groups through the planning stages and they will be represented on the partnership steering group.
41. **Engagement strategy:** We have been given the opportunity to be place leaders and shape the carbon debate for the borough, model good practice and build strong and lasting networks and partnerships to take us to 2030 and beyond. To do this we will need to effectively engage with all sections of our wider community and work together in real partnership: we cannot deliver this alone.
42. We are building on our existing engagement, and developing a strategy to involve as many residents, young people, schools, groups, experts, business, networks, partners and stakeholders as possible in the development of a shared strategy for the borough. We have also been interested in the example of Camden Council's Citizens Assembly on the Climate Emergency and want to consider how a similar approach could work in Southwark. This may potentially be the largest engagement Southwark has carried out, but we have an opportunity to make changes now for the ongoing benefit of future generations of Southwark residents.
43. This engagement will be wide-ranging and ongoing at every stage of the development and delivery of the strategy up to 2030. It will create community ownership of the aims, build a shared view on how we can deliver and make sure that every resident can contribute and do their bit towards become carbon neutral.
44. **Legislative landscape:** Broadly speaking, current legislation does not support, or does not go far enough to help deliver the likely aims of our Climate Strategy. We are working with local networks and partners to establish a view on the key legislative and policy changes that may be required, develop an understanding of the equalities and social barriers that may arise in future delivery, and which potential incentives would be most effective in supporting our aims.
45. **Resourcing and data:** Local government continues to face increasing pressure on its resources and services. The delivery of this strategy will require the utilisation of existing resources, the identification of external funding, and the maximising of match funding arrangements.
46. A realistic appraisal of the resources required for delivering carbon neutrality will be carried out as part of the strategy production, and resources will need to be matched to ambition.
47. We also recognise our current data set is dated, and that since it was produced the borough has changed significantly in terms of population, regeneration,

activity and infrastructure. New baseline data will be collected in order to assess the scale of the challenge, identify the most effective areas to focus on and set effective targets.

Scrutiny Committee comments

48. An early draft “roadmap” for the development of a Southwark Climate Strategy in response to the emergency declaration was presented to the environment scrutiny commission on 1 October 2019. Cllr Livingstone presented, along with officers and the lead member from Camden Council. The discussion was both thoughtful and positive amongst members, and helpful comments were also received from representatives of the Extinction Rebellion movement who were present. Some key comments received are summarised below, and have been incorporated into this document.

Comments from committee members	Proposed action taken in response
There is a need to embed climate considerations in all reports, strategies and procurements	A review is now underway to address this
There is a need to ensure that existing priorities, targets and policies don't contradict each other	A review is now being carried out to address this, including a climate impact assessment of the current council plan.
Can changes be made to the Southwark Plan?	Work is being carried out with the planning department to develop a Supplementary Planning Document for the Southwark Plan to address the Climate Emergency
Can we look at deliveries into our own facilities and consolidate them to minimise impact? Maybe use cargo bikes for local deliveries?	This is currently being discussed and options will be brought forward.
Can the current and new facilities management contracts be made greener?	This is currently being discussed and options will be brought forward.
Can the total number of parking spaces in the borough be reduced as a disincentive to car use?	Data around journeys within the borough and total parking data will be looked at and also forms part of the staff travel strategy.

Comments from Extinction Rebellion	Proposed action taken in response
The pace of change is too slow - this is an emergency and we should all be mobilising as we did for WW2	We recognise that this is an emergency and pace is required. It is not intended to delay any current or planned action whilst developing the strategy.
Carbon rating standard for all services, places and businesses (like food standards)	This is a very helpful proposal. This is being looked into, and proposals will be brought forward.

Comments from committee members	Proposed action taken in response
How do we go about changing behaviours? Engagement can create the possibility for change?	It is intended that the partnership steering group will be central in designing our engagement strategy to maximise its reach and effectiveness.
Develop an idea of climate justice. The council needs to make the moral case, and ideas need to be fair and equitable	This is a key intent of both the development of the strategy and the delivery of action across the borough.

A Southwark Climate Strategy

49. Based on the above areas of focus it is proposed that Southwark develop a single, overarching “Southwark Climate Strategy 2020-2030” to act as a response to the emergency and set out our plan, activities, milestones and targets for the next decade.
50. **Proposed governance:** The development of such a strategy is complex and potentially touches on all aspects of life within the borough. As such, the level of involvement from council departments, partners and all groups involved in the engagement and co-design needs to be extensive. A proposed governance framework is set out in Appendix 1. The board aims of the individual boards are:
- **Partnerships steering group:** this is intended to be a broad, borough wide group which will include key members, external partners, businesses, cultural organisations, national action groups and local groups. It will have a key steering role and be informed and updated by the delivery board.
 - **Strategic steering group:** this is an officer led group, with representatives from across the Council and Cabinet It will have a steering role (jointly with the partnerships group) and be informed by the detailed work of the delivery and coordination group.
 - **Delivery and coordination group:** will deliver the strategic outcomes of the steering group across a series of workstreams – coordinating and bringing together established areas of activity as well as the new and emerging themes within the strategy.
51. **Proposed initial work areas:** In line with the Mayor’s Environment Strategy for London, the 1.5°C plan for London, and our existing strategies for carbon reduction, the likely key target areas have already been broadly identified. However, the delivery and action plan and the identification of where and how we can be most effective will be shaped by our engagement programme.
52. We know that the majority of the change required is not within the Council’s direct control, but we will initially be focusing our activity within these areas:
- Housing and new homes
 - Public realm and adaptation
 - Planning and regulation
 - Social Regeneration and development
 - Waste minimisation and plastics

- Transport
- Energy and facilities
- Businesses, employment and investment
- Green space and biodiversity
- Data, commissioning, procurement and monitoring
- Engagement and consultation
- Communications, information and education.

53. Across the whole borough, there are large sections where the council has little direct control, and we will need to work in partnership and with stakeholders to explore opportunities and effect change. Some general examples would be:

- Borough wide energy infrastructure
- Borough wide waste management and recycling
- Carbon footprints of existing private buildings
- Carbon in commercial buildings and business practices
- Consolidation of local deliveries
- Consumer choice.

54. There are also vital elements of legislation and infrastructure where we need to work together to achieve shared aims.

- Transport for London and public transport networks
- Cross borough energy programmes
- Local and London cycle networks
- Waste legislation and incentives
- Support and legislation around air quality
- Building standards.

Strategy development schedule

55. The indicative timelines for developing the Climate Strategy are set out below, leading to a launch of the strategy in the summer of 2020. It is recognised that a rapid response is required in the face of the current emergency and the following principles are proposed:

- Where there is existing work in this area it will continue, and if possible be accelerated during the development period.
- New developments, where they are assessed as contributing to the aims of the strategy will begin as soon as possible, rather than waiting for the launch.
- Organisational, process and procurement changes will be made during the development period.

Proposed delivery schedule

Date	Proposed activity
September 2019	<ul style="list-style-type: none"> • Draft governance structure proposed to COT for comments - <i>completed</i> • Revision of governance following feedback - <i>completed</i> • Formation of strategic steering group - <i>completed</i> • Drafting of terms of reference and scope for the overall project - <i>completed</i>
October 2019	<ul style="list-style-type: none"> • Climate strategy proposal taken to Scrutiny committee, and feedback incorporated into plan - completed • Initial meeting of strategic steering group - completed • Start of data collection and strategy reviews – in progress • Identification of members for the partnership steering group – in progress • Workstream leads identified and scope produced – in progress • Climate Strategy proposal to Cabinet • Start of network and community engagement • Workstreams set up
November 2019	<ul style="list-style-type: none"> • Initial meeting of Partnership steering group • Design work for engagement • Best practice review
December 2019 - January 2020	<ul style="list-style-type: none"> • Engagement with partners and stakeholders to develop draft strategy
February 2020	<ul style="list-style-type: none"> • Draft performance framework and baseline data • Draft Southwark Climate Strategy
March 2020 – May 2020	<ul style="list-style-type: none"> • Engagement programme and consultation with residents, partners and stakeholders
June 2020	<ul style="list-style-type: none"> • Final draft of Southwark Climate Strategy incorporating engagement and consultation outcomes • Climate Strategy to Cabinet for approval
July 2020	<ul style="list-style-type: none"> • Second annual Climate Summit

Policy implications

56. The implications of this strategy are wide reaching and are likely to impact on every service that the council delivers. It is recognised that existing policies and strategies do not necessarily either address climate issues or do not go far enough towards achieving carbon neutrality.
57. A review of all existing strategies, policy and operational methods will need to be carried out to address this. This will include existing contracts and procurement processes.

58. An amendment to the Fairer Future Procurement Framework may be proposed to address climate issues for future procurements. Equally, changes to the Council reporting and decision making processes will be brought forward to ensure all decisions consider climate criteria.

Resource implications

59. There are likely to be significant future resource implications related to the delivery of this strategy: Carbon neutral is unlikely to be cost neutral, but at this stage of development it is impossible to quantify the likely impact. A new role is being created to lead this work and to deliver this key council priority funded from existing resources. Further resource needs, if any, will be identified during the strategy development. In order to contain and minimise the resources required, it is intended to adopt the following principles:
- Maximise the use of existing resources
 - Reshape and redirect existing delivery where possible
 - Effective use of s106, offset funding and other internal sources
 - Seek external funding on a local and national level
 - Pool and share resources with partners where possible
 - Strategically balance resources against impact.

Community impact statement

60. The fully developed Climate Strategy 2020-2030 will clearly have significant impact on the community. Environmental, community and equality impact assessments will be carried out as part of the strategy development, and then for each of the projects within any future action plan.

SUPPLEMENTARY ADVICE FROM OTHER OFFICERS

Director of Law and Democracy

61. The report recommends that cabinet notes and supports the proposals for developing a Southwark Climate Strategy 2020-2030. There are no significant legal implications arising from the recommendation. The director of law and democracy and her staff will provide advice to officers on any legal and governance issues arising during development of the strategy.

Strategic Director of Finance and Governance

62. There are no financial implications arising directly as a result of this report.
63. Any future implications will be contained in existing programmes and any new costs will be incorporated within the council's forward looking policy and resources strategy that makes provision for the approval of revenue and capital budgets. This process will also need to take account of funding considerations.

BACKGROUND DOCUMENTS

Background Papers	Held At	Contact
London Environment Strategy		
Web link: https://www.london.gov.uk/what-we-do/environment/london-environment-strategy		
London 1.5 Degrees Plan		
Web link: https://www.london.gov.uk/sites/default/files/1.5_action_plan_amended.pdf		
Southwark Carbon Reduction Strategy 2011		
Link (please copy and paste into your browser): https://www.southwark.gov.uk/assets/attach/1945/3.4.6-Energy_and_Carbon_Reduction_Strategy_2011.pdf		

APPENDICES

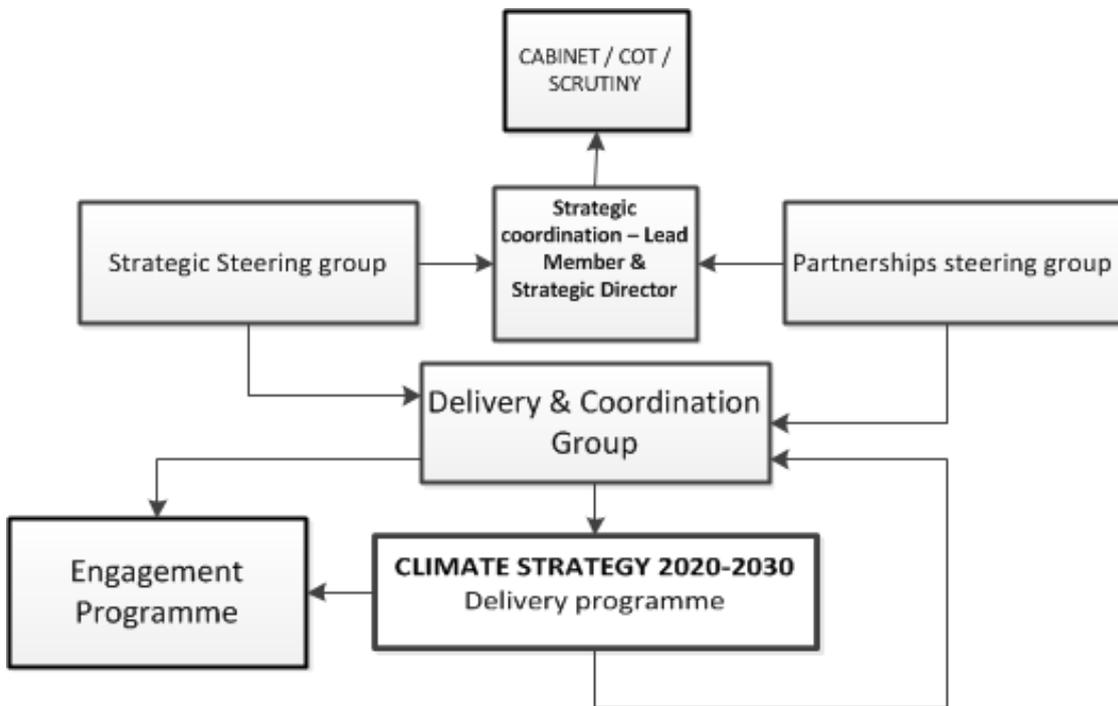
No.	Title
Appendix 1	Proposed governance arrangements for developing a Southwark Climate Strategy
Appendix 2	Summary of current climate activity areas
Appendix 3	Environment and Scrutiny Commission Report

AUDIT TRAIL

Cabinet Member	Councillor Richard Livingstone, Environment, Transport and the Climate Emergency	
Lead Officer	Caroline Bruce, Strategic Director of Environment and Leisure	
Report Author	Stuart Robinson-Marshall, Head of Sustainability and business Development, Environment and Leisure	
Version	Final	
Dated	17 October 2019	
Key Decision?	No	
CONSULTATION WITH OTHER OFFICERS / DIRECTORATES / CABINET MEMBER		
Officer Title	Comments Sought	Comments Included
Director of Law and Democracy	Yes	Yes
Strategic Director of Finance and Governance	Yes	Yes
Cabinet Member	Yes	Yes
Date final report sent to Constitutional Team		17 October 2019

APPENDIX 1

Proposed Council governance arrangements for developing a Southwark Climate Strategy



- **Partnerships steering group:** this is intended to be a broad, borough wide group which will include key members, partners, businesses, cultural organisations, national action groups and local groups, and it will have a steering role and be informed by the delivery board.
- **Strategic steering group:** this is an officer and Cabinet member led group with representatives from across the council. It will have a steering role (jointly with the partnerships group) and be informed by the detailed work of the delivery and coordination group.
- **Delivery and coordination group:** will deliver the strategic outcomes of the steering group across a series of workstreams (see paragraph 11.3) – coordinating and bringing together established areas of activity as well as the new and emerging themes within the strategy.

APPENDIX 2

Summary of current climate activity areas

Activity	Benefits
Movement Plan – improving how we move around the borough, encouraging sustainable travel and improving the environment.	<ul style="list-style-type: none"> ✓ Improving health by getting more people walking and cycling. ✓ Reducing traffic ✓ Reducing pollution ✓ Improve safety for those moving and working on our streets.
School travel plans – helping schools and parents travel to school sustainably.	<ul style="list-style-type: none"> ✓ Helping children get to school sustainably and safely ✓ Reducing traffic ✓ Improving air quality
The Southwark Plan – planning for a sustainable future in Southwark	<ul style="list-style-type: none"> ✓ Improving developments ✓ Sustainability standard and planning policy ✓ Supporting environmental improvements ✓ Making better use of the space we have ✓ Meeting housing needs
Carbon Offset Funds	<ul style="list-style-type: none"> ✓ Making developers and polluters pay ✓ Encouraging green developments and innovation ✓ Investing in green infrastructure
LED lighting on estates and in our buildings	<ul style="list-style-type: none"> ✓ Saving carbon by reducing energy use ✓ Reducing maintenance and running costs
Staff travel plans	<ul style="list-style-type: none"> ✓ Reducing staff car use ✓ Managing staff parking and impact ✓ Improving our fleet ✓ Reducing unnecessary travel and emissions
Consolidation of buildings	<ul style="list-style-type: none"> ✓ Reducing emissions ✓ Introducing efficient management systems ✓ Reducing travel impacts
Air quality action plan	<ul style="list-style-type: none"> ✓ Tackling harmful emissions in the borough ✓ Working with developers to improve air quality ✓ Targeting problem areas ✓ Reducing traffic ✓ Working to consolidate deliveries ✓ Working with communities and schools to improve local air quality
Development of a Southwark plastics strategy	<ul style="list-style-type: none"> ✓ Reducing use of plastic within Southwark ✓ Engaging with residents ✓ Personal pledges to reduce use of plastics ✓ Reducing waste ✓ Improving the environment ✓ Protecting biodiversity
South East London Combined Heat and Power	<ul style="list-style-type: none"> ✓ Low carbon heat and power recovery ✓ Delivering decentralised energy to local communities

Activity	Benefits
(SELCHP) and expansion	<ul style="list-style-type: none"> ✓ Heating and hot water supplied to approximately 2,600 properties of nearby Southwark housing estates ✓ Reducing landfill and emissions
Solar panel arrays (Old Kent Road IWMF, estates, local and community energy)	<ul style="list-style-type: none"> ✓ Low carbon renewable energy ✓ Reducing local consumption ✓ Exploring new sites and looking at expanding networks ✓ Supporting community energy initiatives
London Energy Project (LEP) and procurement	<ul style="list-style-type: none"> ✓ Reducing council and estate energy costs ✓ Smart metering (AMR roll out) and reducing consumption ✓ Moving towards 100% renewables
Electric car charging points	<ul style="list-style-type: none"> ✓ Supporting electric vehicles in the borough ✓ Developing a network of charging points ✓ Converting lighting columns to chargers ✓ Improving local air quality
Southwark Nature Action Plan (SNAP)	<ul style="list-style-type: none"> ✓ 7 Local Nature Reserves (LNR's) totalling 50.93ha. ✓ Supporting biodiversity across the borough ✓ Community involvement ✓ Ongoing consultation ✓ Protection and development
Tree Management Strategy	<ul style="list-style-type: none"> ✓ Well-managed and healthy trees ✓ Maximising benefits of canopy cover ✓ Improving air quality ✓ Long-term management and carbon reduction ✓ Developing tree planting programme
Public health strategies and action plans	<ul style="list-style-type: none"> ✓ Working to reduce the impacts of climate change on health ✓ Fuel poverty action ✓ Supporting action on air quality
Investment and improvements in housing	<ul style="list-style-type: none"> ✓ Investing in building improvements ✓ Reducing consumption and emissions ✓ Improving energy efficiency ✓ Education and outreach
Divestment of pension funds from Fossil Fuels	<ul style="list-style-type: none"> ✓ Plans in place for full divestment ✓ Developing climate-friendly investment strategies
Heat mapping and energy networks	<ul style="list-style-type: none"> ✓ Extensive heat mapping around regeneration areas ✓ Identification of alternative and renewable heat sources such as ground and air source heat pumps ✓ Planning for wider decentralised networks
Sustainable fleet improvements	<ul style="list-style-type: none"> ✓ Moving the Council's own fleet to more efficient ULEZ compliant vehicles ✓ Improving air quality

Activity	Benefits
	<ul style="list-style-type: none"> ✓ Reducing journeys through better planning ✓ Trialling larger electric vehicles ✓ Exploring options for using alternative vehicles and fuels
Consolidation of council depots	<ul style="list-style-type: none"> ✓ Developing plans for consolidating three council depots into one location ✓ Reducing journeys for operatives and staff ✓ More efficient fleet and stores management ✓ Emissions and carbon savings
Maintaining high recycling rates and low landfill use	<ul style="list-style-type: none"> ✓ 35% of waste recycled ✓ The highest rate in inner London ✓ Only 3.5% on average goes to landfill ✓ 2,400 tonnes of plastic recycled per year ✓ Reduce emissions from landfill ✓ Education and outreach programme with schools and residents ✓ Energy recovery via SELCHP
Cycling networks	<ul style="list-style-type: none"> ✓ Developing and expanding cycle networks in the borough ✓ Quiet ways and highways ✓ Education and schools programme ✓ Encouraging sustainable transport options ✓ Reducing car journeys ✓ Improved air quality