

## Annex A SUSTAINABILITY ACTION PLAN

Source	Primary area	Theme	Recommendation / Action	Activity stage	Principle (SSAP)	Priority (SSAP hexagon)	Output	Extent of control	Council operations or Borough wide
SSAP	Baseline & Target Setting	Trees	Implement Environment Action Plan with Clean Air enhancements (i.e. tree planting)	Short term 2020 - 2022	Low emissions	Clean Air	Hard deliverable	In house	Borough wide
SSAP	Waste	Travel	Implement low emission fleet for Authority fleet(s)	Short term 2020 - 2022	Low emissions	Clean Air	Hard deliverable	In house	Council operation
SSAP	Transport	Travel	Assessment, market consideration and business cases for all MKC vehicles to migrate to lower carbon, clean fuel provision to reduce carbon impact and improve air quality across the entire borough.	Short term 2020 - 2022	Low emissions	Clean Air	Hard deliverable	In house	Council operation
SSAP	Baseline & Target Setting	Healthy lifestyle	Continue to robustly monitor emissions and air quality to maintain and improve the current levels	Short term 2020 - 2022	Low emissions	Clean Air	Strategic change	In house	Council operation
SSAP	Waste	Travel	Complete review of low emission waste, cleansing, landscaping and highways fleet and circular economy fuelling options	Short term 2020 - 2022	Low emissions	Reduce emissions from transport, agriculture and industry	Strategic change	In house	Council operation
SSAP	Transport	Travel	Implement alternative strategies to reduce car use and promote bus, cycling and other more efficient / sustainable modes of transport	Short term 2020 - 2022	Low emissions	Reduce emissions from transport, agriculture and industry	Strategic change	Influence	Borough wide

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SSAP	Transport	Travel	Implement policies and schemes that encourage ride sharing and reduced single occupancy car use	Short term 2020 - 2022	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	influence	Borough wide
SSAP	Communication, Engagement & Education		Support the establishment of the third sector in working to repair and resell items which have gone through "planned obsolescence" curve	Short term 2020 - 2022	Circular economy	Reduce waste and increase reuse of all materials	Strategic change	influence	Borough wide
SSAP	Communication, Engagement & Education	Education	Expand the Eco-Warrior education programme to focus on material reuse and waste reduction, as well as expand the programme to Secondary Schools	Short term 2020 - 2022	Circular economy	Reduce waste and increase reuse of all materials	Hard deliverable	In house	Council operation
SSAP	Waste	Waste	Consider options for bulking up carbon intensive materials for reprocessing (bottom ash into aggregates, mattresses to be recycled etc) via a Transfer Station	Short term 2020 - 2022	Circular economy	Reduce waste and increase reuse of all materials	Strategic change	In house	Council operation
SSAP	Waste	Waste	Investigate potential for open windrow composition facility to process borough garden waste and create community compost	Short term 2020 - 2022	Circular economy	Reduce waste and increase reuse of all materials	Strategic change	In house	Council operation
SSAP	Waste	Recycling	Reduce contamination rate in recycling through proactive community engagement	Short term 2020 - 2022	Circular economy	Reduce waste and increase reuse of all materials	Hard deliverable	Influence	Borough wide

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SSAP	Energy Efficiencies	Energy	Provide energy transition advice to individuals, organisations and businesses	Short term 2020 - 2022	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	Influence	Council operation
SSAP	Staff & Councillors	Policy	A consistent theme through all MKC policies and procedures to ensure alignment and which include requirements to indicate contribution to lowering emissions	Short term 2020 - 2022	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	In house	Council operation
SSAP	Procurement	Contracts	Ensure all contracts require low carbon suppliers and deliveries to the buildings	Medium term 2023 - 2027	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	In house	Council operation
SSAP	Energy efficiencies	Energy	Retrofit all MKC housing to improve energy efficiency	Long term 2028 - 2030	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	In house	Council operation
SSAP	Energy Supply	Energy	Promote use of decentralised balanced smart energy systems	Short term 2020 - 2022	Circular economy	Inclusive economic growth	Hard deliverable	influence	Borough wide
SSAP	Communication, Engagement & education	Catering	Develop a sustainable food procurement policy for all council premises including schools, nurseries, care homes	Short term 2020 - 2022	Circular economy	Inclusive economic growth	Hard deliverable	Influence	Borough wide
SSAP	Biodiversity	Buildings	Consideration of green roofs on commercial scale and across Council owned buildings	Short term 2020 - 2022	Circular economy	Use land to capture and store carbon	Strategic change	influence	Borough wide

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SSAP	Biodiversity	Biodiversity	Afforestation of available land, linked to the biodiversity baselining and with partners, such as the Parks Trust	Short term 2020 - 2022	Circular economy	Use land to capture and store carbon	Hard deliverable	In house	Council operation
SSAP	Energy Efficiencies	Energy	Install PV on council owned assets - Refit	Medium term 2023 - 2027	Green energy	High levels of green energy production	Hard deliverable	In house	Council operation
SSAP	Planning Policy	Buildings	Require all new developments to have green energy generation included as part of the building - Plan:MK and SC1/SC2 SPD development	Short term 2020 - 2022	Green energy	High levels of green energy production	Strategic change	In house	Council operation
SSAP	Baseline & Target Setting	Energy	Mobilise an energy and carbon hub to facilitate and accelerate energy generation and carbon reduction opportunities	Medium term 2023 - 2027	Green energy	A secure & resilient energy supply and distribution system	Strategic change	in house	Council operation
SSAP	Waste	Travel	Deliver a low emissions fleet for category 1 (waste, cleaning, landscaping community transport, highways fleets etc) with options for fuelling lower emissions fleets to be considered for wider offer to domestic logistics industry.	Medium term 2023 - 2027	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	In house	Council operation
SSAP	Communication, Engagement & Education	Travel	Explore how freight transport can reduce its carbon footprint, such as with freight consolidation, cargo bikes etc.	Medium term 2023 - 2027	Low emissions	Reduce emissions from transport, agriculture and industry	Strategic change	influence	Council operation

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SSAP	Transport	Travel	Create new car parking policy to take account of changes in customer use; new technology and future trends	Medium term 2023 - 2027	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	In house	Council operation
SSAP	Transport	Travel	Facilitate the adoption of new forms of e-mobility (e-bikes, e- scooters) that could maximise use of the redways, such as with public charging points, secure storage/parking.	Medium term 2023 - 2027	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	influence	Council operation
SSAP	Waste	Travel	Reduce carbon emissions from public transport vehicles through modernisation and electrification of the fleet	Medium term 2023 - 2027	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	In house	Council operation
SSAP	Transport	Travel	Implement the Mobility Strategy and deliver the behaviour change aims, by encouraging an increase in the proportion of trips made by non-car modes of travel	Medium term 2023 - 2027	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	influence	Council operation
SSAP	Waste	Recycling	Create a dedicated "reuse" facility at one of the current or future Household Waste Recycling Centres	Medium term 2023 - 2027	Circular economy	Reduce waste and increase reuse of all materials	Hard deliverable	In house	Council operation
SSAP	Waste	Recycling	Improve quality of recycling in terms of materials	Medium term 2023 - 2027	Circular economy	Reduce waste and increase reuse of all materials	Hard deliverable	influence	Council operation

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SSAP	Waste	Recycling	Source local (UK) markets for recycling where possible and use proximity principle for off-taker destination where viable	Medium term 2023 - 2027	Circular economy	Reduce waste and increase reuse of all materials	Hard deliverable	In house	Council operation
SSAP	Energy Efficiency	Buildings	Implement a zero-carbon building programme for all MKC buildings and schools	Medium term 2023 - 2027	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	In house	Council Operation
SSAP	Communication, Engagement & Education	Education	Green job creation and skills training, engaging with our partners in the business and education community	Medium term 2023 - 2027	Circular economy	Inclusive economic growth	Hard deliverable	In house	Council Operation
SSAP	Waste	Waste	Investigation of creation of open windrow composting facility to create compost from collected garden waste	Medium term 2023 - 2027	Circular economy	Use land to capture and store carbon	Hard deliverable	In house	Council operation
SSAP	Biodiversity	Biodiversity	Maintain grassed areas to retain carbon in the soil	Medium term 2023 - 2027	Circular economy	Use land to capture and store carbon	Hard deliverable	In house	Council operation
SSAP	Energy Supply	Energy	Identify sites and develop solar farms - Refit & energy and carbon hub	Medium term 2023 - 2027	Green energy	High levels of green energy production	Hard deliverable	In house	Council operation
SSAP	Energy Supply	Energy	Consider options for energy use / production at the new Recycling Centre (Materials Recycling Facility) in Old Wolverton	Medium term 2023 - 2027	Green energy	A secure & resilient energy supply and distribution system	Hard deliverable	In house	Council Operation

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SSAP	Energy Supply	Energy	Establish options for grid upgrade, battery storage and private wire at Milton Keynes Waste Recovery Park (KMWRP)	Medium term 2023 - 2027	Green energy	A secure & resilient energy supply and distribution system	Hard deliverable	In house	Council operation
SSAP	Energy Supply	Energy	Create new and expand existing District Heating Networks via the energy and carbon hub	Medium term 2023 - 2027	Green energy	A secure & resilient energy supply and distribution system	Hard deliverable	In house	Borough wide
SSAP	Energy Supply	Energy	Implement electricity storage options including batteries, Ev's via the energy and carbon hub	Medium term 2023 - 2027	Green energy	A secure & resilient energy supply and distribution system	Hard deliverable	In house	Borough wide
SSAP	Energy Supply	Energy	Establish schemes for residents and businesses to reduce energy consumption during peak demand	Medium term 2023 - 2027	Green energy	A secure & resilient energy supply and distribution system	Hard deliverable	In house	Borough wide
SSAP	Waste	Recycling	Increase rate of recycling to 70% by 2030	Long term 2028 - 2030	Circular economy	Reduce waste and increase reuse of all materials	Hard deliverable	influence	Borough wide
SSAP	Waste	Waste	Reduce landfill to near zero by 2030	Long term 2028 - 2030	Circular economy	Reduce waste and increase reuse of all materials	Hard deliverable	influence	Borough wide

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Task & Finish report	Baseline & target setting	Education	Initial piece of academic work to be commissioned by the Council should provide the authority with an updated Milton Keynes Greenhouse Gas Inventory, using the World Resources Institute's Global Protocol for Community-Scale Greenhouse Gas Inventories (GPC) - <a href="https://www.wri.org/publication/global-protocol-community-scale-greenhouse-gasemission-inventories">https://www.wri.org/publication/global-protocol-community-scale-greenhouse-gasemission-inventories</a> .	Current	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	in house	Council operation
Task & Finish report	Baseline & target setting	Education	To better understand the possible pathways towards achieving carbon neutrality, Milton Keynes Council should commission additional work to analyse what a carbon neutral future for Milton Keynes could look like and what the Council will need to do in order to reach that future.	Short term 2020 - 2022	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	in house	Council operation
Task & Finish report	Baseline & target setting	Education	Commission a local university to provide an initial evidence base to help it ensure that the Council's response to the climate emergency is informed by science (evidence) based targets and expert guidance to ensure it deploys the most effective solutions to help it tackle climate change.	Recommendation	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	in house	Council operation
Task & Finish report	Biodiversity	Trees	That the Council delivers on a commitment for a Forest for the Borough of Milton Keynes of (at a minimum) an additional one million trees.	Recommendation	Circular economy	Use land to capture and store carbon	Hard deliverable	in house	Council operation
Task & Finish report	Biodiversity	Trees	That the Council include a greater commitment to deliver sustainable planting of trees and increasing biodiversity as part of any planning proposals for 11 dwellings or more including encouraging rewilding projects.	Recommendation	Low emissions	Clean Air	Hard deliverable	influence	Borough wide



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Task & Finish report	Communication, Engagement & Education	Education	That the Council establishes a dedicated web and social media presence to provide information and news in support of its ambitions for a carbon neutral Milton Keynes.	Recommendation	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	in house	Council operation
Task & Finish report	Communication, Engagement & Education	Education	That the Council establishes or supports the establishment of a climate change advice service for businesses and residents.	Recommendation	Circular economy	Inclusive economic growth	Hard deliverable	in house	Council operation
Task & Finish report	Communication, Engagement & Education	Education	That the Council develops and delivers a climate change public engagement programme to engage and empower citizens, Town and Parish Councils, community groups, schools and businesses, possibly through a Citizens Assembly, to enable everyone across the borough to achieve the aim of being carbon neutral by 2030. This would include establishing a Green Champions Community across Milton Keynes.	Recommendation	Circular economy	Inclusive economic growth	Hard deliverable	influence	Borough wide
Task & Finish report	Energy Efficiencies	Buildings	That the Council assesses the energy efficiency of all of its properties including offices, social housing and schools, and retrofit these properties to Energy Performance Certificate C or higher and that all new council owned or commissioned properties are built to at least this standard.	Medium term 2023 - 2027	Circular economy	Encourage system wide thinking, design and models	Hard deliverable	in house	Council operation
Task & Finish report	Energy Efficiencies	Street Lighting	That the Council speed the progress of and complete the delivery of the switch to LED smart lights action across Milton Keynes.	Medium term 2023 - 2027	Green energy	High levels of green energy production	Hard deliverable	in house	Council operation
Task & Finish report	Energy Efficiencies	Fuel poverty	That the Council develops a Strategy to tackle Fuel Poverty Borough wide.	Recommendation		Inclusive economic growth	Hard deliverable	in house	Borough wide

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Task & Finish report	Energy Supply	Strategy	That the Council uses the carbon offset fund to establish a programme to deliver innovative and sustainable energy generation projects.	Medium term 2023 - 2027		A secure & resilient energy supply and distribution system	Hard deliverable	in house	Council operation
Task & Finish report	Energy Supply	Energy	That the Council explore the bulk purchase of renewable energy for example from offshore wind farms to provide lower cost sustainable energy options.	Recommendation	Green energy	A secure & resilient energy supply and distribution system	Hard deliverable	in house	Council operation
Task & Finish report	Flooding	Flooding	That the Council invests in service provision in areas such as highways drainage clearance to deal with the increasing number of flash flooding rainfall incidents.	Recommendation			Hard deliverable	in house	Council operation
Task & Finish report	Governance	Policy	That the Council aligns all its strategies and policies to place its carbon neutrality and greenest city ambitions at the heart of all its work effectivity establishing a 'green/golden thread' throughout all its activity and ensuring that the reduction of carbon emissions is assessed as an impact in all reporting and decision making carbon emissions is assessed as an impact in all reporting and decision making processes.	Recommendation		Encourage system wide thinking, design and models	Strategic change	in house	Council operation
Task & Finish report	Governance	Strategy	That the Council ensures that the appropriate staffing is in place to enable the delivery of the work programmes associated with its carbon neutral and greenest city ambitions.	Short term 2020 - 2022		Encourage system wide thinking, design and models	Changes to day-to-day working	in house	Council operation

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Task & Finish report	Governance	Strategy	That the Council establishes a permanent cross-party Council Advisory Group or Scrutiny Committee to provide ongoing oversight to the delivery of the Sustainability Strategy Action Plan.	Recommendation		Encourage system wide thinking, design and models	Strategic change	in house	Council operation
Task & Finish report	Governance	Strategy	That a climate change dashboard/scorecard is developed to report regularly the progress of the Sustainability Strategy Action Plan and on annual carbon budget and reduction targets.	Current		Encourage system wide thinking, design and models	Hard deliverable	in house	Council operation
Task & Finish report	Housing	Buildings	That in the review of the new Local Plan, and any related planning policy documents and building regulations, the Council prioritises policies to ensure that all existing and new residential and non-residential dwellings are built or retrofitted to achieve zero carbon standards.	Recommendation	Green energy	High levels of green energy production	Hard deliverable	in house	Council operation
Task & Finish report	Planning Policy	Strategy	That when the relevant planning policies are reviewed, for example Section 106 Agreements, that the Council look to maximise what it can receive for carbon reduction projects.	Medium term 2023 - 2027		High levels of green energy production	Hard deliverable	in house	Council operation
Task & Finish report	Planning Policy	Policy	That the Council place carbon reduction and the consideration of environmental impacts at the heart of the new Local Plan and associated planning policy documents.	Medium term 2023 - 2027		High levels of green energy production	Strategic change	in house	Council operation
Task & Finish report	Procurement	Contracts	That the Council include an agreed sustainability/environmental statement within tender documents and implement a percentage weighting of supplier environmental performance in its supplier/contractor selection process.	Short term 2020 - 2022	Circular economy	Encourage system wide thinking, design and models	Strategic change	in house	Council operation

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Task & Finish report	Staff & Councillors	Travel	That the Council defines an optimum flexible working pattern and develops an enabling programme to reduce carbon impact of staff travel.	Current	Low emissions	Reduce emissions from transport, agriculture and industry	Changes to day-to-day working	in house	Council operation
Task & Finish report	Staff & Councillors	Education	That the Council develops and delivers a climate change skills/learning and development programme for staff and councillors to improve understanding of carbon reduction and the wider environmental context.	Recommendation	Circular economy	Encourage system wide thinking, design and models	Strategic change	in house	Council operation
Task & Finish report	Transport	Travel	That the Council undertakes a fleet review of all its vehicles (plus existing and/or potential supporting infrastructures to move towards a fleet of ultra-low emission vehicles.	Current	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	contract	Council operation
Task & Finish report	Transport	Travel	That the Council utilise all measures open to it to ensure that bus services are convenient, frequent, accessible, affordable, reliable, punctual and low carbon emitting and that this ultimately leads to reducing the need for private car use across the Borough.	Recommendation	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	influence	Borough wide
Task & Finish report	Transport	Travel	That the Council commit to pursuing franchising powers under the Bus Services Act 2017	Recommendation	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	in house	Council operation

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Task & Finish report	Transport	Travel	That the Council delivers a borough wide programme to increase the number of journeys taken by walking and cycling.	Recommendation	Low emissions	Reduce emissions from transport, agriculture and industry	Hard deliverable	influence	Borough wide
Task & Finish report	Transport	Travel	That the Council considers the introduction of ultra-low emission zones where the air quality evidence suggests this mechanism would be beneficial.	Recommendation	Low emissions	Clean Air	Hard deliverable	in house	Borough wide
Task & Finish report	Waste	Policy	That the Council adopt circular economy waste policies as well as promoting residents and community sharing, reuse and recycling.	Recommendation	Circular economy	Reduce waste and increase reuse of all materials	Strategic change	influence	Borough wide
Task & Finish report	Working in Partnership	Strategy	That the Council establishes a 'Climate Change Partnership' to include a wide range of organisations in the public, private and voluntary sectors to work together to achieve a carbon neutral Milton Keynes by 2030 and that the Climate Change Partnership be responsible for developing and delivering a borough wide carbon neutral action plan.	Recommendation		Encourage system wide thinking, design and models	Strategic change	influence	Borough wide