

Primary area	Theme	Principle (SSAP)	Hexagon	Recommendation / Action
Adaptation	Water	Low emissions	Minimise water usage	Reduce household, council and new development water consumption across Milton Keynes by implementing the use of water saving devices
Adaptation	Adaptation	Low emissions	Minimise water usage	LLFA coordination with IDB (Integrated Drainage Board) and Water Board to improve drainage and agree attenuation rates
Adaptation	Adaptation	Circular economy	Encourage biodiversity	Mobilise and deliver the Biodiversity and Natural Environment Action Plan
Adaptation	Water	Low emissions	Minimise water usage	Work with sewage and water processing industry for consideration of resource extraction from sewage (phosphate)
Environment & Property	Biodiversity	Circular economy	Encourage biodiversity	Renewed approach to landscaping and environmental management across the borough incorporating multiple public land stakeholders such as Parish & Town Councils, The Parks Trust and the community sector. Increased biodiversity with a phased approach to changing embedded horticultural practices in consultation with residents.
Governance	Strategy		Encourage system wide thinking, design and models	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.
Staff & Councillors	Policy	Circular economy	Encourage system wide thinking, design and models	A consistent theme through all MKC policies and procedures to ensure alignment and which include requirements to indicate contribution to lowering emissions
Energy Supply	Energy	Green energy	High levels of green energy production	Identify sites and develop solar farms - Refit & energy and carbon hub
Energy Supply	Energy	Green energy	Diversify energy supply	Use the energy hub to create a local renewable energy supply chain to reduce local dependency on fossil fuels
Energy Efficiencies	Fuel poverty		Inclusive economic growth	That the Council develops a Strategy to tackle Fuel Poverty Borough wide.
Energy Efficiencies	Buildings	Circular economy	Encourage system wide thinking, design and models	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.
Procurement	Contracts	Circular economy	Encourage system wide thinking, design and models	Ensure all contracts require low carbon suppliers and deliveries to the buildings
Waste	Travel	Low emissions	Clean Air	Implement low emission fleet for Authority fleet(s)

Waste	Recycling	Circular economy	Reduce waste and increase reuse of all materials	Reduce contamination rate in recycling through proactive community engagement
Communication, Engagement & Education	Education	Circular economy	Reduce waste and increase reuse of all materials	Expand the Eco-Warrior education programme to focus on material reuse and waste reduction, as well as expand the programme to Secondary Schools
Energy Efficiencies	Street Lighting	Green energy	High levels of green energy production	That the Council speed the progress of and complete the delivery of the switch to LED smart lights action across Milton Keynes.
Energy Efficiencies	Energy	Green energy	High levels of green energy production	Install PV on council owned assets - Refit
Energy Supply	Energy	Green energy	A secure & resilient energy supply and distribution system	Consider options for energy use / production at the new Recycling Centre (Materials Recycling Facility) in Old Wolverton
Energy Supply	Energy	Green energy	A secure & resilient energy supply and distribution system	Establish options for grid upgrade, battery storage and private wire at Milton Keynes Waste Recovery Park (KMWRP)
Environment & Property	Waste	Circular economy	Reduce waste and increase reuse of all materials	Implementation across Milton Keynes in other areas / across the borough. Significant reduction in 'milk float' round for emptying bins. Much more responsive approach.
Transport	Travel	Low emissions	Reduce emissions from transport, agriculture and industry	Create new car parking policy to take account of changes in customer use; new technology and future trends
Energy supply	Energy	Green energy	A secure & resilient energy supply and distribution system	Implement electricity storage options including batteries, Evs via the energy and carbon hub
Energy Supply	Energy	Circular economy	Inclusive economic growth	Promote use of decentralised balanced smart energy systems
Finance & Resources	Travel	Low emissions	Clean Air	Reconsider courier for Members saving £30k and reducing Emissions / reduce / eliminate
Housing & Regeneration	Energy	Green energy	Diversify energy supply	Housing stock to achieve an EPC rating of C or above as we continue with our investment programme. Upgrading insulation, windows and doors, energy efficient boilers, and warm roof replacements
Communication, Engagement & Education	Travel	Low emissions	Reduce emissions from transport, agriculture and industry	Explore how freight transport can reduce its carbon footprint, such as with freight consolidation, cargo bikes etc.

Growth, Economy & Culture	Energy	Green energy	Diversify energy supply	MK to become a net energy producer providing resilience to energy and water supplies.
Energy Supply	Energy	Green energy	A secure & resilient energy supply and distribution system	Create new and expand existing District Heating Networks via the energy and carbon hub
Environment & Property		Circular economy	Inclusive economic growth	Finessing of resource management and alternative resources with lower carbon impact.
Energy Supply	Energy	Green energy	Diversify energy supply	Install ground source heat pumps under school playing fields, public open space
Adult Services		Green energy	Diversify energy supply	Social care facilities to increase their use of alternative energy, e.g. Incentivise care home providers to utilise solar power.
Environment & Property				Migration from high maintenance assets to lower maintenance, higher carbon absorption assets
Environment & Property				Assessment of enhanced industrial symbiosis of co-location of Council infrastructure to reduce carbon impact of service delivery.
Environment & Property	Trees	Low emissions	Clean Air	Identification of areas that are currently high risk for maintenance for landscaping to migrated to automated to reduce carbon footprint.
Energy Efficiencies	Energy	Circular economy	Encourage system wide thinking, design and models	Retrofit all MKC housing to improve energy efficiency
Children's Services	Travel	Low emissions	Clean Air	Closely monitored Home to School transport arrangements to ensure efficiency of transport use
Baseline & target setting	Trees	Low emissions	Clean Air	Implement Environment Action Plan with Clean Air enhancements (i.e. tree planting)
Waste	Waste	Circular economy	Reduce waste and increase reuse of all materials	Consider options for bulking up carbon intensive materials for reprocessing (bottom ash into aggregates, mattresses to be recycled etc) via a Transfer Station potential capital investment - depends whether w build or household recycling site
Environment & Property				Implementation of agreed delivery vehicles for principles of aligned resource management with outcomes of reduced costs, improved environmental performance and carbon metric improvements.
Working in Partnership	Strategy		Encourage system wide thinking, design and models	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.
Environment & Property	Travel	Low emissions		Work with taxi trade to reduce emissions

Environment & Property	Travel	Low emissions	Reduce emissions from transport, agriculture and industry	Implementation of Mass Rapid Transit system to commence, providing a step-change in travel behaviour
Environment & Property	Travel	Low emissions	Reduce emissions from transport, agriculture and industry	Potential build programme for new assets including sustainable transport methods for staff and green travel plans.
Children's Services	Travel	Low emissions	Clean Air	Accredited schemes for schools to reduce traffic at drop-off and pick up
Environment & Property	Catering	Low emissions	Reduce emissions from transport, agriculture and industry	Ordering vegetarian options only when ordering catering at council events
Public Health		Circular economy	Encourage system wide thinking, design and models	Inclusion of sustainability in work with anchor institutions, around improving local contributions
Communication, Engagement & Education	Catering	Circular economy	Inclusive economic growth	Develop a sustainable food procurement policy for all council premises including schools, nurseries, care homes
Waste	Waste	Circular economy	Reduce waste and increase reuse of all materials	Investigate potential for open windrow composition facility to process borough garden waste and create community compost
Environment & Property	Waste	Circular economy	Reduce waste and increase reuse of all materials	Strategic business case, political oversight for commissioning of a dedicated facility within Milton Keynes to process organic material. Overarching circular economy principles for compost / materials to go back to Milton Keynes land (including residents gardens). Production of energy, gas and compost to be managed against carbon impact and benefit.
Environment & Property	Waste	Circular economy	Reduce waste and increase reuse of all materials	Working to understand volumetric waste production and trends across MK to ensure that the waste collection service from 2023 is the correct frequency and volume both in terms of improving carbon performance and also driving performance. Trailing of waste collection services with carbon as a KPI.
Environment & Property				Potential implementation of technology to under basic grounds maintenance functions in high risk areas.
Communication, Engagement & Education	Education	Circular economy	Inclusive economic growth	Green job creation and skills training, engaging with our partners in the business and education community

Housing & Regeneration	Education	Circular economy	Encourage system wide thinking, design and models	Work with residents associations to educate and encourage them to focus on supporting their communities with the sustainability agenda. Consider offering additional funding for projects that have a positive impact on sustainability, and support residents associations to access other funding for sustainability focussed projects.
Adult Services	Travel	Low emissions	Reduce emissions from transport, agriculture and industry	Low carbon care pathways - promoting Active Travel with all service providers (helped by commissioning on a neighbourhood basis), increasing the use of assistive technology, use of video conferencing for meetings.
Communication, Engagement & Education		Circular economy	Reduce waste and increase reuse of all materials	Support the establishment of the third sector in working to repair and resell items which have gone through "planned obsolescence" curve
Environment & Property	Travel	Low emissions	Clean Air	Increasing prevalence of electric cars starting to impact on parking revenue that is used to fund wider sustainable transport measures, so increasing imperative to review parking charges if not already tackled
Public Health				Refinement of 0-19 HCP, Sexual Health Services and Substance misuse services sustainability linking to NHS Long-term plan requirements.
Children's Services	Travel	Low emissions	Clean Air	Strategy of "local schools for local children" to mitigate travel
Environment & Property	Adaptation	Low emissions	Clean Air	Mapping and surveying trees in the borough. To focus on those in poor condition and replace. Identification of areas where trees can be planted, woodlands created and baseline of CAVAT value and total canopy cover.
Housing & Regeneration	Waste	Circular economy	Reduce waste and increase reuse of all materials	Planning to increase use of Modern Methods of Construction and volumetric procurement to improve quality of sustainable insulation materials used; reduce wastes; addresses fuel poverty and speed of delivery
Children's Services	Education	Circular economy	Encourage system wide thinking, design and models	Deliver MK : University with clear ethos of efficiency and sustainability in its practice and curriculum approaches
Housing & Regeneration	Development	Circular economy	Encourage system wide thinking, design and models	To actively encourage new technology to try and invest carbon offset levies within the new build homes. To continue to test 3D printed homes as part of our innovation project.