Goal 1   To reduce energy consumption by improving efficiency of use

Action	Mechanism
Domestic Energy	
1.1 Facilitate replacement of domestic lights with LED bulbs	Programme
1.2 Facilitate implementation of energy efficiency measures across the board in public sector	Asset Management
1.3 For homeowners, implement grants/incentives/schemes linked to EPC ratings to improve insulation by providing support for double glazing doors and windows, loft, cavity wall and underfloor insulation, central heating systems and other such measures.	Community services
1.4 Raise awareness and if possible, facilitate the roll out of smart meters	Climate Change Communication Strategy
1.5 Identify fuel poor and vulnerable houses to energy companies as a part of their ECO3 obligations	Community services
1.6 Work with landlords to implement Domestic Minimum Energy Efficiency Standard	Government initiative
1.7 Lobby the Government to bring legislation on energy efficiency of appliances	
1.8 Encourage residents to buy energy efficient appliances at the time of purchase	Climate Change Communication Strategy
1.9 Lobby the Government to bring legislation on energy efficiency of appliances	
1.10 Engaging with residents and schools to increase awareness on saving energy e.g. switching off lights, energy saving mode on appliances, stand by power, drying clothes on a line and other such measures	Climate Change Communication Strategy
1.11 All future domestic developments to be built to high energy efficiency standards including energy efficiency measures including more natural lighting, reduced reliance on mechanical ventilation and passive measures such as building orientation, natural shading, fittings for clothes drying, leading up to zero carbon standards	Local Plan
Industrial and Commercial Energy	
1.12 Facilitate replacement of industrial and commercial lights with LED bulbs	Enforcement
1.13 Implement business energy efficiency programmes	Scheme
1.14 Promote the display of EPC ratings at all commercial establishments	Enforcement
1.15 Work with landlords to implement Non-Domestic Minimum Energy Efficiency Standard	Enforcement
1.16 All future non-domestic developments to be built to high energy efficiency standards including energy efficiency measures, leading up to zero carbon standards.	Local Plan

Corporate Actions

Electricity

Encourage staff to use teleconferencing and video conferencing facilities	IT
Encourage staff to turn off equipment when not in use	IT
Install automatic light / movement sensors	Asset Management
Make the most of natural daylight / wash windows regularly	Asset Management

Buy A rated energy efficiency devices as standard	Asset Management
Switch to LED lighting	Asset Management
Work with our main contractors to reduce their energy consumption	Asset Management
Ensure Leisure Facilities that are contracted out are reducing carbon and more energy efficient	Asset Management
Work with IT to reduce energy consumption	IT
Investigate server room cooling system and use of heat	IT/Asset Management
Investigate energy performance contracts for energy efficiency	Asset Management

Heat

Have lower temperatures out of hours/ over weekends	Asset Management
Turn the thermostat down (between 22 and 24 degrees is ideal)	Asset Management
Encourage staff to wear jumpers in winter	Climate change communication strategy
Move to energy efficient boilers for hot water or a renewable form of heating	Asset Management
Install hot and cold water mixers in the kitchens	Asset Management

Goal 2   Reduce reliance on fossil fuels and reduce emissions by increasing renewable energy capacity

	Action	**Mechanism**
2.1	Transition to renewable energy by (define a timeline)	Policy
2.2	Encourage the deployment of roof top solar collectors, ground source heat pumps and other technologies for renewable heating	Scheme/Climate change communication strategy/ESCO/Cooperatives
2.3	Invest in separate food waste collections for households and businesses to be digested in an anaerobic digester.	Build partnerships with organisations and knowledge gathering through Hertfordshire waste partnership
2.4	For large scale projects: Create a platform/forum for landlords, developers and financial institutions to interact and develop ideas	Platform/Forum
2.5	Identify industries in the Borough that are heat intensive, generate waste heat or produce organic waste to facilitate renewable heat installations.	Planning
2.6	Facilitate the development of local heat/energy distribution networks	Planning
2.7	Facilitate community projects by offering public and Council owned buildings for deployment of renewable energy or sign up to platforms	Partnerships
2.8	For smaller renewable energy projects that do not require planning permission, introduce an awareness campaign that engages with residents and businesses	Climate change communication strategy
2.9	Identify renewable energy suitable areas in the Local Plan, including within strategic housing allocations, to ease and facilitate the planning process for large projects	Local Plan
2.10	Sustainable and zero carbon new developments with compensatory improvements to the green belt	Local Plan
2.11	Require onsite or offsite deployment of renewable energy for all new developments, in line with energy heirarchy	Local Plan

Corporate Actions

Action	Mechanism
Make the operations of the Council zero emissions	Policy
Procure electriciy and heat from renewable sources, short term	Asset Management
Install renewable energy generation technologies such as photovoltaics and wind energy on Council owned assets to meet its needs, as appropriate	Asset Management
Install renewable heat technology such as solar collectors and heat pumps to heat council owned a	Asset Management
Implement separate food waste collection to use biomethane for heating	Street Scene

Goal 3   To reduce transport related emissions

	Action	Mechanism
3.1	Encourage walking, cycling, car sharing and public transport network	Policy
3.2	Transition to renewable fuels for transport	Policy
3.3	Ensure strategic housing allocations in new Local Plan are within walking (or cycling) distance of key supporting facilities	Policy
3.4	Plan the transition of transport infrastructure for use of renewable fuels such as hydrogen and electricity	Local Plan

Cycling

3.5	Map out the existing cycling pathways in Hertsmere and improve their quality and connectivity to local travel centres	Planning/CIL
3.6	Prioritise building of greenways and where possible upgrade them to be cycling friendly	Planning/CIL
3.7	Secure and CCTV monitored cycle stands at grocery stores, shopping centres and other key areas/buildings	
3.8	Borough wide cycle registration schemes for cycle safety	Community services
3.9	Implement ride and go cycle hire scheme	S106/ CIL
3.10	Engage with schools and non-profits to conduct safe cycling trainings for children and adults	Climate change communication strategy
3.11	Undertake awareness and marketing campaigns – such as cycle to work days, cycle to school days, cycle under 3 miles.	Climate change communication strategy
3.12	All new developments to make provision for secure, accessible cycle parking, showering facilities and be connected to local travel centres	Planning

Public transport

3.13	Implement express bus service between main urban town, important rural settlements and primary urban destinations.	Intalink
3.14	Improve public transport frequency and speed, specifically buses.	Intalink
3.15	Explore creation of bus lanes within the Borough to reduce bus journey times	Intalink
3.16	Develop Public Transport Hubs within existing settlements to encourage use of sustainable transport	Planning
3.17	Facilitate transition of public transport vehicles to those run on renewable fuels such as green hydrogen or electricity	Intalink
3.18	Electronic public information for travel services i.e electronic bus stop information and phone apps	Intalink

Walking

3.19	Encourage under 1 mile journeys on foot	Climate change communication strategy
3.20	Increase awareness on recreational walking routes in Hertsmere such as Watling Chase Timber trail, Borehamwood Woodland walk and Hertsmere Way	Climate change communication strategy

Passenger cars

3.21	Develop and encourage car-pooling schemes and related infrastructure	Parking
3.22	Develop and encourage car clubs	Parking
3.23	Explore implementation of variable parking fee for electric and fossil fuel cars	Parking
3.24	Explore creation of low emission zones in the town centres	Environmental Health
3.25	Partner with providers to develop a network of electric car charging points and increase awareness	Parking
3.26	Encourage taxi drivers to use electric or hybrid vehicles	Environmental Health
3.27	Review parking standards to discourage the use of cars and encourage other means of transport	
3.28	Implement anti-idling policy	Environmental Health
3.29	All new developments to provide vehicle charging points as part of their overall parking and access strategies	Local Plan
3.30	Reduced off-street parking standards for new development subject to car clubs/pools and/or availability of alternative transport modes	Local Plan

Air Quality

3.31	Monitor and review air quality across the borough to determine whether national air quality objectives are being met	Environmental Health
3.32	Implement the air quality action plan	Environmental Health

Corporate Actions

Have policies in place for agile working	HR
Support flexible working times/ bases	HR
Procure energy efficient/renewable energy fleet vehicles including waste collection vehicles - hybrids, electric, biomethane	Street Scene/ Procurement
Consider stopping free parking for employee cars, subsidising bus/train passes instead	Parking
Electric vehicle charging point at the depot	Street Scene
Install secure and CCTV monitored bike parking facilities	Asset Management
Provide showers and changing facilities within the Civic Offices	Asset Management
Interest free loans for electric cars for employees	HR
Support a car share initiative	HR
Walk/Cycle/Bus/Train to work days	Climate change communication strategy
Walk under 1 mile and cycle under 3 miles initiative	Climate change communication strategy

Goal 4   To minimise waste and implment principles of circular economy

	Action	Mechanism
4.1	Design, fund and implement separate food waste collections for households by 2023	Street scene
4.2	Ban/restrict disposal of organic waste to landfills via residual waste collection or on its own	Street scene
4.3	Identify sites for sewage, industrial and crop residue based biogas plants	Planning
4.4	Recycle points for batteries, printer cartridges, textiles	Street scene
4.5	Install water fountains in parks and other parts of the Borough	Parks
4.6	Partner with biogas plants for anaerobic digestion of food waste	Street scene
4.7	Partner with companies for separate food waste collections for businesses	Street scene
4.8	Partner with organisations to recycle difficult to recycle materials sucha s crisp packets	Street scene
4.9	Partner with organisations to publicise water filling points	Climate change communication strategy
4.10	Partner with organisations to hold repair clinics	Community services
4.11	Introduce targeted campaigns to reduce the use of plastics, especially single use plastics	Climate change communication strategy
4.12	Introduce targeted campaigns to improve recycling rates and quality of materials collected, including plastics, cardboard and paper, food waste, green waste and others	Climate change communication strategy
4.13	An annual food waste prevention campaign	Climate change communication strategy
4.14	All new developments to use construction materials that comply with defined sustainability standards, such as sustainable materials, recyclable content and low embodied carbon	Planning

Corporate Actions

Waste prevention

Action	Mechanism
Encourage staff to use their own travel mugs / thermos	Climate change communication strategy
Encourage the use of food seals to minimise food waste e.g. biscuits in communal areas	Climate change communication strategy
Share Waste Aware resources with other teams/ departments	Climate change communication strategy
Notices on fridges reminding people to be conscious of food waste	Climate change communication strategy
Consider disallowing single-use batteries to be purchased for work, allowing only reusable batteries	Procurement
Encourage participation with reusable menstrual products	Climate change communication strategy
Install low-flow taps and toilets	Asset Management
Create poster resources for other departments to share / display as needed e.g. food waste for on fridges	Climate change communication strategy

Reuse

Provide reusable mugs for visitors	Asset Management
Reuse furniture around the site	Asset Management
Donate furniture of reusable quality after use	Asset Management
Buy refillable ink and toner cartridges	Print Services

Recycling

Ensure recycling in place at all affiliated staff buildings - libraries, community centres, playgrounds, cemetaries, etc	Asset Management
Set up a recycling station for batteries and other smaller items	Asset Management/ Street Scene
Offer terracycle recycling points for crisp, sweet wrappers etc	Asset Management/ Street Scene
Recycle used ink and toner cartridges	Asset Management/ Street Scene
Provide clear signage for recycling at all bin points	Asset Management/ Street Scene
Recycle waste electrical items if defunct	Asset Management/ Street Scene
Compost bins in kitchen areas and other communal / breakout areas	Asset Management/ Street Scene
Buy stationary with recycled content	Procurement

Paper

Reuse the boxes that paper comes in e.g. for sending out parcels	Departments
Encourage use of scrap paper for note taking/ phone messages	Climate change communication strategy
Introduce 'Scrap Paper Trays' in each office	Departments
Encourage the use laptops/ tablets in meetings instead of printing files	Climate change communication strategy
Set up a reuse station for sharing unwanted files, binders etc	Departments
Buy stationary with recycled content	Print Services
Buy unchlorinated paper with recycled content	Print Services
Offer electronic payslips for staff	HR
If purchasing paper towels, choose paper with recycled content	Facilities
Encourage staff to view handbooks/ training manuals as PDFs, not hard copies	Departments
Phase out paper napkins from toilets	Asset Management
Set printers to duplex by default	IDS
Printers set to B&W printing by default	IDS
Reduce post by stopping any discretionary postal notifications and offering residents and service users the opportunity to opt in to electronic only correspondence	

Plastics

Encourage staff to use their own water bottles	Climate change communication strategy

Vending macines - increase price of items with SUP e.g. 5p for bottles	Customer Services
Source staff uniforms with natural fibres not plastic-based textiles.	Departments
Educate schools/ parents about packaging in lunch boxes	Climate change communication strategy
Plastic cups in the building to be replaced by paper cups or glasses	Asset Management
Find sustainable sunstitutes for all plastics used in council building	Asset Management

Goal 5   To build climate reselience, enhance biodiversity and offset unavoidable carbon emissions

	Action	Mechanism
5.1	Set annual and 5 year targets for tree planting for the Borough	Parks
5.2	Replace every tree removed for development with two or more as deemed appropriate	
5.3	Partner with organisations for woodland creation in the greenbelt	Parks
5.4	Partner with organisations to plant trees in urban areas	Parks
5.5	Share data between agencies (public and voluntary organisation) to identify and monitor local vulnerable residents, ie.e property flood/storm victims	Planning
5.6	Share best practices with partner organisations to ensure resilience of services to extreme weather and disruption	Planning
5.7	Engage with farmers, schools, residents, voluntary organisations, businesses and other community groups to create action groups	Planning
5.8	Engage with local schools to plant trees on their land	Parks
5.9	Plant fruit trees in community areas such as council housing, residential complexes	Parks
5.10	As partner organisation, promote NHS England (and Met office) Heatwave Plan and Cold weather plans across district	Planning
5.11	Mitigate agaimst climate change impacts (flooding, extreme weather events, storms, high winds, heat waves) by safeguarding and enhancing greenbelt and other open spaces	Planning
5.12	Ensure business continuity planning at the Council is resilient to climate impacts	Planning
5.13	Prepare detailed carbon offset guidance for developers	Planning
5.14	Establish a carbon offset fund to collect payments from developments to meet any carbon shortfall from new development, to be used towards carbon offset projects	Planning
5.15	Implement mandatory biodiversity net gain for all new developments	Planning
5.16	Identifying areas for sustainable drainage, woodland and other biodiversity sites in the	Planning
5.17	Install grey water recycling on new builds	Planning
5.18	Encourage grass areas or flower beds in residents' homes, not paved driveways, to reduce flooding.	Communication Strategy

Corporate Actions

Action	Mechanism
Enhance kitchen terrace	Asset Management
Install / retrofit rainwater collection and harvesting for watering plants/ grounds	Asset Management
Allow plants in offices	Asset Management
Plants in common areas of the Council buildings	Asset Management
Encourage staff veggie plot/ growing space	Climate change communication strategy
Establish environmental volunteering days and partnerships	Climate change communication strategy
Lunch time running and walking clubs	Climate change communication strategy

Goal 6   Encourage the production and consumption of locally grown produce

Action	**Mechanism**
6.1 Encourage local food production and consumption	Policy
6.2 Engage with schools and local communities to promote urban gardening	Community services
6.3 Make land available for allotments in urban areas, schools, care homes and new develop	Planning
6.4 Reintroduce the Hertsmere/Hertfordshire farmer's market	Community services
6.5 Engage with local supermarkets on creating a locally produced section	Community services
6.6 Create a Hertsmere/Hertfordshire local produce/products sale/promotion platform	Community services

Corporate Actions

Encourage food sharing at work. E.g. gardeners 'crop swapping' or 'seed swap' - could use work noticeboard or create work groups	HR
Herb garden in the kitchen terrace	HR/Asset Management
Offer local/seasonal fruits in the kitchen	HR/Asset Management