LIVING HARROW- CLIMATE AND NATURE STRATEGY - APPENDIX STRATEGIC ACTION PLAN

(updated October 2023)

THEME 1: CLEAN ENERGY USED EFFICIENTLY

Theme	Sub - Themes	Action Areas	Key Performance Indicator	Timescale(s)	Lead (s)
Broad area of activity		The proposed key action areas for the strategy	How progress will be measured	When will the action area be addressed	Service Area (s) leading this action
		PRIORITY ACTION AREAS	S FOR THE COUNCIL AS		
		AN ORGAN	ISATION		
CLEAN ENERGY USED EFFICIENTLY	& schools decarbonisation	Corporate Asset Strategy and related policies fully support decarbonisation of our school and corporate estate 1.2 Develop an Estate Decarbonisation Action Plan and funding strategy for the existing maintained school and corporate estate. The Plan to include:	Action Plan in place New building management database implemented Internal capacity and skills developed	23/24 with new programme from 24/25	Estates & Facilities Teams with support from the Energy Team

• fabric
improvements to
include replacement of all single glazing
and consideration of roof/wall insulation
where possible
progressive
replacement of all natural gas boilers
with renewable heat
sources (e.g., air- source source heat
pumps)
Upgrading sites'
electricity capacity where required
A prioritised
pipeline of projects
for the next 5-10 years
1.3 Develop a comprehensive and maintained building
management database with information relevant to energy
efficiency and decarbonisation
(e.g., boiler age, suitability of roofs for solar, heating pipework
network condition, and opportunities for fabric
upgrades)

	1.4 Mainstream implementation of retrofit works as part of the Facilities and Capital Works Teams' activity and develop internal capacity and skills 1.5 Ensure efficient and effective supply chain delivery mechanisms for the carrying out of retrofit works at scale, to include building insulation, heat pumps and solar PV 1.6 Reduce energy demand across the school and corporate estate through the promotion of good energy management practices (e.g., thermostatic controls and heating settings) 1.7 Secure funding to enable implementation of pipeline of projects (embedded into Council Capital Programme combined with external funding where available, e.g., Public Sector Decarbonisation Scheme) 1.8 To ensure works to existing buildings are carried out with a view to minimising emissions (e.g., using low embodied carbon materials)			
decarbonisation	2.1 To develop a Housing Decarbonisation Action Plan for: (i) Properties within the HRA	Estate Decarbonisation Action Plan in place	23/24 with concurrent implementation of retrofit programme	Housing Team

	New building management database implemented	
The plan to include:	Internal capacity and skills developed	
consideration of battery storage	Funded decarbonisation programme being implemented with	
- fabric improvements to include replacement of all single glazing and consideration of	demonstrable carbon savings	
roof/wall insulation where possible - progressive		
replacement of all natural gas boilers with renewable heat sources (e.g., air-source source heat pumps)		
- Upgrading sites' electricity capacity where required		
- A prioritised pipeline of projects for the next 5-10 years *(with a view to achieving an average of EPC C by 2030)		
2.2 Develop a comprehensive and maintained housing management asset database with information relevant to		
energy efficiency and decarbonisation (e.g., boiler age, suitability of roofs for solar,		

opportunities for fabric upgrades)	
2.3 Mainstream implementation of retrofit works as part of the Housing Asset Teams' activity and develop internal capacity and skills	
2.4 Ensure efficient and effective supply chain delivery mechanisms for the carrying out of retrofit works at scale to our housing stock, to include building insulation, heat pumps and solar PV	
2.5 Promote good energy management and conservation practices to tenants (e.g., thermostatic controls and heating settings, LED lightbulbs, low-cost draught control)	
2.6 Secure funding to enable implementation of a pipeline of projects (embedded into the Housing Capital Programme combined with external funding where available, e.g., Social Housing Decarbonisation Scheme)	
2.7 To ensure works to existing council housing are carried out with a view to minimising emissions (e.g., using low embodied carbon materials)	

3. New Council development	major development schemes - including those within the Harrow Strategic Development Partnership and at Grange Farm – incorporate renewable heating solutions, are highly energy	agreed Low carbon new development	implementation	Regeneration and Housing Teams
4. Leased assets	arrangements to explore how	Energy efficiency improvements to council leased buildings	23/24 and ongoing	Corporate Estate Team

	5. Borough infrastructure	5.1 To complete the conversion of the borough's street lighting to LED and review opportunities for selective dimming / switch off at appropriate locations 5.2 To work with utility companies to expand the capacity of the electrical and low carbon heating infrastructure in Harrow	Capacity improvements within the borough	(
	6. Green power	12	purchased electricity	24/25 onwards	Energy Team
	7. Staff and members	7.1 Raise awareness with staff and members of the practical steps that they can take to reduce their personal energy use and move to renewable technologies	Increased communication activity / training	23/24 onwards	Climate Team Communications Team
		PRIORITY ACTION AREAS	FOR THE BOROUGH		
Theme	Sub - Themes	Action Areas	Key Performance Indicators	Timescale(s)	Lead (s)

CLEAN ENERGY USED EFFICIENTLY	8. Retrofitting and energy saving in Private Buildings	8.1 Promote the cost saving and other benefits of retrofitting privately owned housing and commercial property with energy conservation and generation measures, identifying and focussing upon worst performing stock first 8.2 Signpost residents, landlords and businesses to reliable sources of information on energy saving and retrofit (eg Energy Saving Trust) 8.3 Introduce an Energy Advice Service for residents and voluntary sector organisations		Ongoing 23/24 – Energy Advice Service established	Climate Team Economic Development Team Enforcement Team Communications Team
	9. Planning	9.1 Ensure that the planning framework (and the emerging new Local Plan) secures net zero new development. 9.2 To review carbon offset rates to incentivise onsite improvements and ensure that they properly reflect the true cost of offsetting carbon emissions 9.3 To review how local planning policy and guidance can facilitate retrofit of existing buildings (including those in conservation areas), to include heat pump and solar PV installations	Guidance in place	25/26 23/24 and ongoing 23/24	Planning Team

10. National Policy	10.1 Work with central and London	New policy and funding in	Ongoing	Housing Team
	government to enable policy and funding solutions that enable new net zero development and retrofit decarbonisation activity at scale	place		Climate Team London Councils

THEME 2: GREEN MOBILITY

Theme	Sub – Themes	Action Areas	Key Performance Indicators	Timescale(s)	Lead (s)
Broad area of activity	More specific area of activity	The proposed key action areas for the Strategy	How progress will be measured?		Service Area (s) leading this action
		PRIORITY ACTION AREAS FOR TH	E COUNCIL AS AN		
		ORGANISATION			
GREEN MOBILITY	1. Our Vehicles and Equipment	1.1 Develop a fleet decarbonisation plan that works towards electrification of the Council's fleet of vehicles by 2030	Fleet decarbonisation plan in place and being delivered	23/24 - 26/27	Fleet Management Services / Environment Team
		1.2 Implement an electric vehicle charging	Further development to		Climate Team
		network at council sites to support decarbonisation of the council vehicle fleet	the existing depot provision	Ongoing	Estates Team

	2. Staff Travel	1.3 Explore the use of driver training, improved route mapping, biodiesel, and other technologies that will reduce emissions from the council's current fossil fuel powered fleet pending electrification 1.4 Transition small grounds maintenance tools (e.g., strimmers and blowers) to electric 2.1 Continue to facilitate remote and flexible working arrangements to reduce unnecessary work-related travel 2.2 Encourage and support our staff to decrease emissions from their commuting and business travel, including via car sharing initiatives and cycling / e-bikes 2.3 Improve cycle storage options at the Harrow Hub	Tools electrified Reduced emissions associated with staff travel	Ongoing 23/24 - 25/26 Ongoing	IT Team HR Team Climate Team Communications Team Estates Team
	3. Council Development	3.1 Ensure that sustainable transport options are prioritised when developing the Council's own land, including via the Harrow Strategic Development Partnership	Transport emissions minimised	23/24 onwards	Regeneration Team Housing Team Planning Team
Theme	Sub - Themes	PRIORITY ACTION AREAS FOR Action Areas	THE BOROUGH Key Performance Indicators	Timescale(s)	Lead (s)
GREEN MOBILITY	4. Avoiding Unnecessary Travel	4.1 Facilitate the development of broadband infrastructure and enable higher levels of digital inclusion in the borough	Increased connectivity and digital inclusion	Ongoing	Economic Development Team

	4.2 Support, including via our Local Plan and Economic Strategy, the development of local shops and amenities accessible by walking, cycling and public transport	Reduced travel and better local amenities	Planning Team
5. Vehicles	5.1 Improve and expand the public EV charging infrastructure in Harrow, including on Council assets (e.g., car parks and roadside locations). 5.2 To facilitate expansion of EV charging provision through planning controls for new development and guidance for existing householders 5.3 Improve Air Quality data capture and usage to inform target setting and transport interventions, including promoting anti-idling in the borough and communications around the air quality and health benefits of active travel 5.4 Subject to consultation, to look to expand the school streets scheme to further suitable sites 5.5 Encourage the further development of car clubs and car sharing schemes in the borough including making space available on Council assets 5.6 Utilise parking and traffic management powers (e.g., speed limits, CPZs, parking charges) where appropriate to support reductions in transport related emissions	Increased private and public charging provision Improvements in air quality and public health Greater access to car clubs	Highways Team Environmental Health Planning Team Communications Team

	6.1 Expand and improve cycle and walking routes across the borough to include linking key transport hubs and town centres 6.2 Promote bike hire schemes (including ebikes) and improve cycle storage on public realm and housing land 6.3 Develop a public realm design approach, facilitated by our Local Plan and Transport Strategy, that enables a transition to higher levels of walking, cycling and public transport use 6.4 To deliver cycle training within the borough, to include working with Harrow Cycle Hub 6.5 To continue to deliver and maintain school travel plans that prioritise active travel	Greater levels of walking and cycling in Harrow	Ongoing	Highways Team
7	7.1 Facilitate the consolidation, rescheduling, and electrification of goods delivery in the borough by working with partners in the public and private sectors 7.2 Promote sustainable 'last mile' delivery solutions for businesses and residents, to reduce emissions and congestion (to include consideration of cargo bicycle schemes)	Reduced emissions from business deliveries / reduced delivery vehicles on our roads		Highways Team Economic Development Team
	the public transport offering available to	Greater access to low carbon public transport for residents	Ongoing	Highways Team

	8.2 Integration of cycling and walking infrastructure at public transport hubs (e.g., step free access)			
9. Highway Infrastructu	9.1 Explore how investment in our highway's infrastructure can support reduction in emissions and the growth of the circular economy through the utilisation of low embodied carbon materials and installation processes	Reduced emissions from our highways supply chain	Ongoing	Highways Team Procurement Team Climate Team
	9.2 To ensure that the procurement of the highways term contractor includes consideration of sustainable materials, service delivery and innovation to reduce carbon emissions	Improvements to the natural capital value of our highways land		
	 9.3 Ensure that the use of highways land supports climate adaptation, flood resilience and the recovery of nature by enhancing the borough's blue and green infrastructure 9.4 To maximise the biodiversity value of grass verges at appropriate locations 			

THEME 3: A WASTE FREE ECONOMY

Theme	Sub – Themes	Action Areas	Key Performance Indicator	Timescale(s)	Lead (s)
Broad area of activity	More specific area of activity	The proposed key action areas for the Strategy	How progress will be measured		Service Area(s) leading this action
		PRIORITY ACTION AREAS FOR THE	E COUNCIL AS AN		
	1.0 11.0	ORGANISATION	hai i i i i i i		- ::::: 0 0 t :
WASTE -FREE ECONOMY	1. Council Supply Chains	1.1 Phase out single use plastics across the Council's estate, including via catering supply chains		Ongoing	Facilities & Catering Teams
		1.2 To implement and further develop the Council's low carbon procurement policy, to drive low carbon outcomes through the Council's supply chain, with a priority focus on high impact areas such as construction and highways infrastructure	Suppliers enter into Charter Increase in no of suppliers with net zero targets and strategies	implementation ongoing	Procurement Team Council-wide commissioning officers
	2. Council	2.1 Ensure that the Council considers how	/Divestment from fossil fuel	Ongoing	Finance team
	Investments	its financial investment decisions can contribute to the growth of the Green	investments	Origonig	i mande team
		Economy, including via the Pension Fund	Increase in % of Pension Fund investments in green funds		
	3. Enabling Low- Carbon Options	3.1 Implement high quality waste management and recycling practice within		recycling campaign	
		the Council's civic buildings, to include minimisation of food waste	Residual waste minimised	23/24	Catering team
		3.2 Support our staff and members to reduce their consumption-related			Communications Team

		emissions (e.g., climate-friendly options at the canteen)			
		PRIORITY ACTION AREAS FOR	R THE BOROUGH		
Theme	Sub – Themes	Action Areas for New Strategy	Key Performance Indicator	Timescale(s)	Lead (s)
WASTE -FREE ECONOMY	4. Support Greener Businesses	 4.1 Work with local businesses to facilitate changes in consumer habits and grow the green local economy 4.2 Support businesses to prevent waste, e.g., unnecessary packaging, whilst promoting the use of materials that can be reused and recycled. 4.3 Review the Council's commercial waste service offering to ensure it remains competitive and supports the 	Commercial Waste Team data Number of reuse and repair businesses in Harrow	23/24 onwards	Commercial Waste Team Licensing Team Economic Development Team
	5. Reduce, Re-use and Recycle	aims of this Strategy 5.1 Support residents to responsibly minimise waste entering the Council's waste management system, including working with local voluntary groups 5.2 Provide residents with good information regarding opportunities to reduce waste, reuse and recycle, including promoting the benefits of textile and electricals repair, re-use and recycling 5.3 Increase the availability of local repair, re-use and recycling options available to residents within the borough (to include promotion of the TRAID collection service)	Increased recycling Increased communication activity Improved information / offering at the Waste & Recycling Centre	Ongoing Local Plan adoption 25/26	Waste Team Comms Team West London Waste Authority Public Health Team

	5.4 Facilitate the reduction of single use plastics across Harrow, including via the food supply chain and promotion of refill opportunities 5.5 To review how the service and information offered at the Council's Waste and Recycling Centre can further facilitate repair, re-use and recycling in Harrow 5.6 Using the planning system to facilitate the reduction of waste and maximisation of recycling 5.7 To ensure that planning policy, and the new Local Plan, promotes and facilitates the circular economy including through low-embodied carbon construction methods 5.8 To promote the mental health benefits of acquiring new skills and developing a resilient local community through the growth of the circular economy (e.g., cooking skills, repair skills, community sharing initiatives, use of local repair businesses)			
6. Food	6.1 Promote the benefits of healthy, climate-friendly food choices 6.2 Support schemes to reduce food waste and enable the redistribution of surplus food locally 6.3 Encourage home composting where appropriate and otherwise enable the	Increased communications on diet	23/24 and 24/25 (food campaign) 25/26 Local Plan	Public Health Comms Team Waste Team Planning Team

		separation of food waste from residual waste 6.4 To use the new Local Plan to facilitate local growing opportunities through protecting and expanding allotments and community gardens			
7	. Dioposai	Authority (WLWA) and other partners to	Reduce residual waste Increase recycling	0	West London Waste Authority

THEME 4: HEALTHY PLACES FOR US AND NATURE

Theme	Sub – Themes	Action Areas	Key Performance Indicators	Timescale(s)	Lead (s)
Broad area of activity	More specific area of activity	The proposed key action areas for the Strategy	How progress will be measured	When will the action area be addressed	Service area(s) leading this action
		PRIORITY ACTION AREAS FOR TH			
		ORGANISATION			
HEALTHY PLACES FOR US AND NATURE	1. Council development	1.1 To ensure that all new council development, including via the Harrow Strategic Development Partnership, is designed to be climate resilient and contributes to biodiversity and ecosystem enhancements	, ,	23/24 and ongoing	Regeneration Team Housing Team Planning Team
	2. Council owned land	identify suitable sites for	Sites identified and improvements undertaken	23/24 onwards	Planning Team Housing Team Climate Team Environment Team
	3. Staff and members	3.1 Ensure that operational buildings are designed and developed to support the health and well-being of users, and provide access to	environments	Ongoing (training programme from 23/24)	Estates Team Climate Team Communications Team

	Council's Green Team, to enable the management of green spaces in a more nature orientated way		
	green spaces in a more		
	practical steps that they can take to support nature's recovery and improve their own wellbeing		
	staff and members of the importance of protecting and restoring biodiversity and ecosystems, and the		
	3.2 Raise awareness with	communications / training	

HEALTHY PLACES FOR US	4. Community	4.1 To promote the benefits		Ongoing	Public Health
AND NATURE	Engagement	of local green spaces to Harrow's diverse residents,	communication activity / signposting		Climate Team
		including the value of	to residents		
		spending time outdoors to			Communications
		physical and mental	Improved public		Team
		wellbeing	health outcomes		
		40 T			Infrastructure Team /
		4.2 To promote tree			Environment Team
		planting, wildlife gardening	Navy babitata and		Doute or Ormanications
		and other initiatives to enable residents through the	New habitats and		Partner Organisations (Harrow Conservation
		borough's extensive network			Forum)
		of private gardens to	Diodivorsity		
		increase tree cover, improve	Increased		
		and enhance biodiversity,	volunteering		
		and meet more food			
		demand through local	Lower levels of litter /		
		production (e.g., How to	pollution		
		guides)			
		4.3 To continue to work with			
		schools to enable children			
		and young people to spend			
		time in, and learn more			
		about, the local natural			
		environment (e.g., Harrow			
		School Farm, Woodland			
		Adventure Group)			
		4.4 To engage with the			
		Harrow Parks User Groups,			
		Harrow Nature Conservation			
		Forum and other partner			
		organisations to enable			
		increased local action and			
		volunteering in our parks			
		and open spaces, to include			

	showcasing existing projects 4.5 To work with the community to minimise environmental pollution and significantly decrease littering across Harrow, including robust enforcement where necessary 4.6 To work with community groups to develop a medium and long term vision for nature and natural capital in Harrow, informed by improved data and target setting 4.7 To work with local businesses to raise awareness of ecosystem dependencies and risks, including via their supply chain		
5. Planning and other policy	5.1 To ensure the development of the planning policy framework via the Local Plan promotes the objectives of this theme, to include greater emphasis on the importance a natural capital approach, enhancing biodiversity and protecting green infrastructure (e.g.,	ocal Plan adoption	Planning Team Climate Team Environment Team Emergency Planning Team

	establishing local habitat banks on public land for offsite improvements. 5.3 To develop a local Climate Adaptation Plan for Harrow that includes addressing risks relating to overheating, flooding, water supply and quality, pests and diseases and the loss of natural capital.	Climate adaptation plan in place	From 23/24 24/25	
6. Green and Blue Infrastructure	implement enhancements to the borough's green and		Ongoing	Environment Team Planning Team

	including the Silk Stream project 6.3 To encourage and support residents to implement sustainable drainage solutions on their properties 6.4 To improve data collection and target setting for green and blue infrastructure, to include tree planting
7. Public Green Spaces	7.1 To achieve the reaccreditation of the borough's existing six Green Flag Parks and the accreditation of three further parks, to include biodiversity enhancements (e.g., new meadow areas) 7.2 To ensure opportunities Green Flag Parks accredited (Ongoing) Climate Team Climate Team Climate Team
	for habitat enhancement included as part of the development of a new Parks Strategy and Strategy and in individual park management plans 7.3 To expand changes to cutting and management
	regimes at appropriate parks, open spaces and highway verge sites, in order to enable the development of more

	biodiverse grassland areas and other new habitats		