

Colchester's Environmental Sustainability Strategy 2015-2020

Delivery Plan for 2016/17

PRIORITY 1: Reducing the environmental impact from Council buildings, services and operations

ID Code Source	What we want to achieve	How we will achieve it	Target Outcomes	Update for 2016/17	Planned action for 2017/18
ESS 1.0.1	Aim to meet 40% reduction in carbon emissions by 2020 (from baseline year 2008).	Implement a new 5 year Carbon Management Plan by end of 2016 which will help to identify that a 40% reduction is achievable.	Council can demonstrate reduction in environmental impact which shows community leadership and its commitment to environmental sustainability.	Phase 1 completed with annual savings being generated of just over 400 tonnes of CO2.	To look at how we can support communities to reduce their own carbon emissions now all viable projects are completed.
ESS 1.0.2	Identified carbon reduction against target through annual Greenhouse Gas calculations.	Report completed in accordance with current guidance from Low Carbon Trust/ DECC and published on CBC website.	Clear assessment of our targets against our carbon reduction targets. Positioning CBC as a leading carbon cutting Council in the UK.	The 2016/17 greenhouse gas report showed a 55% decrease in carbon emissions from baseline year 2008.	To look at developing a new project which will validate our position as a leading carbon cutting Council.
ESS 1.0.3	Complete a benchmark exercise with other Councils on measuring carbon foot print. Sharing good practice and measuring of performance.	Identify method of good practice and create template by end of April 2016. Complete benchmark exercise by end of 2017.	A measurement of our own performance against peers will allow for a focus on improvement activity.	on target to submit analysis and findings report by end of November 2017.	Identify where the Council sits in a performance table of other Councils.
ESS 1.0.4	Identify most efficient use of fuel for fleet vehicles by end of 2016.	Complete annual report on fuel use for fleet vehicles and make recommendations for vehicle upgrades/changes.	A clear understanding of how the Council is reducing CO2 emissions from individual vehicles, even if the overall impacts greater due to a fleet vehicle increase to meet need.	The fleet contract is currently under review.	Fleet review to be completed and contracts to be awarded end of 2017/18 and early 2018/19.
ESS 1.1.1	CBC to make a public commitment to increasing energy efficiency and use of renewable energy sources.	CBC to become a signatory of the Covenant of Lord Mayors by end of 2016.	CBC is committed to reducing carbon emissions and operating more sustainably.	Action has been put on HOLD as it is not clear on the long term benefits, or if Brexit will impact on UK Membership.	No further action planned until there is a clearer indication of the benefit to the Council and its residents.
ESS 1.3.2	Identify opportunities for development/ retrofitting of low carbon private sector homes by end of 2015.	Complete a viability study to ascertain the opportunities for retrofitting private sector properties to produce more low carbon homes.	Sites identified within Colchester for Retrofitting to produce more low carbon homes.	New target set for 2017 to tie in with the production of a new Housing Stock Survey	Aim for this to be completed by November 2017 and a bid to be prepared for Warm Homes Fund to generate income for delivery of a new project.
ESS 1.4.1	Identify opportunities for rainwater harvesting and/or grey water collection systems on Council owned buildings in Parks and Country Parks.	Viability Assessment to be completed.	Sustainable watering systems in place for parks and country parks where viable by end of 2017.	Work is on-going on a project by project basis.	Work will now continue as business as usual.
ESS 1.4.3	Reduce mains water use at recycling plant in Shrub End.	Assess the opportunity for rain water collected at the Shrub End depot to be used for cleaning of cans in a new can recycling process by end of 2017.	Use of mains water to clean cans for recycling will be kept to a minimum and water collected on site will be well utilised.	Viability Test completed - project has proven to be unviable	No further action required
ESS 1.5.1	Environmental Sustainability awareness learning programme to be implemented by end of 2016.	Target to run two staff initiatives per year.	Staff have an improved level of awareness of how their role impacts on energy use; CO2 reduction targets and the Council's wider carbon reduction achievements.	Green Office Week delivered 25 activities in 1 week, for staff across all CBC sites and a new SharePoint page was created so staff working remotely could also take part.	Develop refresher session for staff planned for December - January 2017/18 by rolling out a comms campaign to help staff think about environmental issues such as reducing waste across 12 days of a Green Christmas' campaign.
ESS 1.7.4	Establish metal can sorter at Shrub End depot.	Viability Assessment to be completed.	Better quality recycling of cans from January 2018.	Viability Test completed – project has proven to be unviable	No further action required

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PRIORITY 2: Building Resilient Communities

ID Code Source	What we want to achieve	How we will achieve it	Outcomes	Update for 2016/17	Planned action for 2017/18
ESS 2.1.3	Enable better access to developing local emergency plans for Town & Parish Councils	Continue to work with the group of District Emergency Planning Officers (DEPO) to assist in the roll out of training courses to support development of community based emergency plans.	Rural and Coastal Communities most at risk will be better prepared for emergencies. Local Town and Parish Councils across Colchester will understand how to develop a local emergency plan and the resources available to them.	West Mersea Town Council are on target to develop a new emergency plan that will better address the risk of coastal flooding. 2016 has seen an increase in tidal surges so emergency plans have been tried and tested with emergency services leading.	To work with other Town & Parish Councils to ensure emergency plans are being updated.
ESS 2.1.4	Alignment of the strategic approach between CBC & CBH in delivering carbon management projects.	Review Corporate Asset Management Strategy and update to include LACM Plan and projects approved for Phase 1.	CBC & CBH working towards joint strategic goals which will improve corporate building and housing stock energy efficiency.	A new Corporate Asset Management Strategy has been developed which takes into account the future of carbon management reduction in Council buildings.	Continued delivery of the strategy.
ESS 2.5	Reduce energy costs for Tenants	CBH to look at the viability of bulk buying energy supply to be able to offer tenants an alternative to their current energy supplier	Reduced energy costs for CBH Tenants and reduce the number of households living in fuel poverty.	Initial proposal was reviewed by SMT where a number of barriers were identified.	To look at barriers identified and review proposal for a more robust project.
ESS 2.7.1	Realise opportunities for sustainable transport infrastructure and assess opportunities for new projects.	1) Develop a new Transport Strategy as part of the review of the Local Plan process. The new Local Plan to be adopted in 2017. 2) Work with the Highways and Transportation Authorities and transport operators to secure investment into Colchester for sustainable transport.	The Council takes a long term view on how sustainable transport solutions will be part of the local infrastructure.	Local Plan Modelling has identified locations in need of investment and are now included in the Essex Growth Framework. Feasibility work has started on a number of projects	1) Updated Strategic direction and Transportation Policies and included in section 1 and section 2 of the Publication Draft Local Plan. 2) Working with ECC on Local Plan Growth and development of Garden Communities. 3) Submission being made for Colchester Northern Gateway. Working with ECC to continue to secure developer funding
ESS 2.8.2	Private Sector Housing Stock Survey completed by end of 2016/17.	1) To be completed by the end of March 2015 2) Survey results to be analysed and reported by August 2015 3) Financial Assistance Policy amended to target assistance to meet need identified by the stock survey by the end of March 2016.	1) Better able to identify homes eligible for ECO funding and retrofit projects. 2) Range of financial assistance offers available to target areas/ household types.	1) There has been a delay in producing a Housing Stock Survey but this is now due to be commissioned. 2) Financial Assistance Policy has been reviewed.	1. Commission the Stock Condition Survey Analyse results
ESS 2.8.4	Promote energy efficient building methods to ensure homes consume fewer resources to heat.	1) Review guidance for Developers on building sustainable homes and look at opportunities to inform developers of any policy changes. 2) Improving our own housing stock 3) Install district heating network to sheltered accommodation for 46 flats at Worsnop House	1) Developers have clear guidance on next step on from the Code for Sustainable Homes, with access to accreditation and measuring quality. 2) Council owned housing is more energy efficient which reduced impact on the environment while offering good quality homes for tenants. 3) Range of technologies can be installed to produce a comfortable home while cutting energy costs.	1) Local Plan includes policies to encourage use of sustainable building methods - Government guidance prevents mandatory requirements. 2) 47% of housing stock now has Solar PV installed (2895 homes). 3,600 homes made more energy efficient through loft and cavity wall insulation and heating improvements. 3a) Installation of 2 x Gas Absorption Heat Pumps (GAHP) will provide heat and hot water. The use of mechanical ventilation with heat recovery, low energy lighting, solar PV and solar thermal panels, triple glazed windows and doors and an energy meter all work together to cut energy use. 3b) Working with Community Partner to promote the benefits of smart meter installation to Tenants.	1) Raise awareness across Planning Policy of the 17 Sustainable Development Goals as there is a call for all countries to mobilise the Agenda by 2030. 2) Continue to assess opportunities to improve energy efficiency 3) Installation of new GSHP planned for Harrison Court (Sheltered Accommodation on West Mersea)
ESS 3.2	Engage with partner agencies that could support us in the delivery of sustainability projects.	Deliver a programme across CBC Museums in partnership with Arts Council England to meet prescribed sustainability objectives up to 2022.	Arts Council funding is secured to deliver a wider programme for Museums and partners.	Museums have a clearer direction to work in a more environmentally sustainable way, with a focus on reducing their impact on the environment through more efficient ways of working and travelling.	To meet Arts Council funding requirements the Council will need to provide clear direction for environmental sustainability in Museums up to 2022