



Greening the Economy

<p>Action - Ensure continued engagement in the HS2 Environmental Prospectus.</p>	<p>A number of Solihull projects have been adopted as key priorities. Priority projects are being advanced which include collaborative projects around the River Cole, River Blythe and Tame Valley.</p>	<p>Action - Deliver activity to support the green skills agenda such as Your Green Future and Life Ready.</p>	<p>Almost 300 students from 14 schools attended our successful 2018 Your Green Future event which was also supported by 28 businesses. A total of 33 schools have signed up to Life Ready. In Nov 17 we delivered our first ever School Climate Change conference. The interactive event was supported by 6 local secondary schools.</p>	<p>Action - Submission of Local Plan Review.</p>	<p>Consultation on submission draft to take place in 2018.</p>
<p>Action - Have in place an understanding of the sustainability opportunities arising from HS2/UKC - in particular around waste and resources.</p>	<p>The Hub Framework Plan includes the key objectives: maximising connectivity, investing in strategic infrastructure (inc. energy) and creating high quality GI. The on-going work around the potential establishment of Energy Innovation Zones is contributing to the understanding around opportunities as will the Heat Network Feasibility Study currently underway. The Utilities Strategy has identified the challenge around power in the Hub and suggests alternatives solutions to meet the shortfall.</p>	<p>Action - Support and influence WMCA Productivity and Skills Commission.</p>	<p>In responding to the Commission's Call for Evidence Solihull highlighted its approach to the Low Carbon / Environmental Technologies sector, confirming that Solihull is well placed to work with the Commission to support the development and piloting of local actions to support this sector.</p>	<p>Action - Continue to support Solihull Sustainability Visioning Group and the delivery of it's Action Plan.</p>	<p>A number of networking and awareness raising opportunities have been delivered. Site visits have also taken place to JLR and Npower. A number of Visioning Group members supported this year's Your Green Future.</p>
		<p>Action - Support the Net-Form feasibility study.</p>	<p>The Encraft led project has now ended. The learning will inform future activity on electric vehicle infrastructure.</p>		



Energy and Resources

<p>Action - Continue to deliver the Waste Strategy Action Plan.</p>	<p>The current Waste Strategy spans the period 2010 to 2020, as well as working towards the objectives in the current strategy and action plan officers will soon start work on developing a new strategy to span the period 2020 through to 2030.</p>	<p>Action - Continue to engage at a GBSLEP/ WMCA level and with the emerging Energy Capital.</p>	<p>We continue to actively engage with the WMCA Energy Capital initiative. UKC Solihull is one of four proposed pilot Energy Innovation Zones.</p>	<p>Action - Have in place a detailed understanding of Solihull's energy consumption and CO2 emissions, current planned energy projects, future investment requirements, delivery vehicles and opportunities.</p>
<p>Action - Have in place a detailed understanding of Solihull's key opportunities for decentralised energy.</p>	<p>The 2nd phase of the Solihull Town Centre Low Carbon Heat Network Study has been completed. A Heat Network Study and Utilities Strategy focusing on UKC - Zone 1 are underway. The work builds on previous heat mapping /energy master planning work adding to our understanding of potential opportunities for clean energy delivery.</p>	<p>Action - Begin to take forward Solihull's key opportunities for decentralised energy and heat networks - in particular capitalise on opportunities around HS2/UKC Zone 1 - The Hub.</p>	<p>Building on the feasibility study which identified a technically and financially viable low carbon heat network for Solihull Town Centre, funding has been secured to complete detailed project development and outline business case.</p>	<p>The GBSLEP Energy Plan and Energy Capital's Powering West Midlands Growth can be used to inform Solihull's approach. The district heating studies contribute to this action. The UKC Infrastructure Package Phase 2 includes an element to resource work around developing an energy framework for Solihull.</p>



Buildings and Efficiency

<p>Action - Deliver short term actions of the Home Energy Efficiency and Affordable Warmth Strategy HEEAWS .</p>	<p>Heating solution for high rise blocks - Options appraisal being refined. Potential partners looking at gas fired district heating and ground source heat pumps. Each is being appraised and costed in more detail.</p> <p>Solar PV and Battery Storage - Initial assessments have identified SCH stock suitable for PV. Battery storage technology still emerging for domestic applications. SCH exploring possible sources of funding to improve project affordability.</p> <p>Switch and Save - to date 5 successful Switch and Save have been delivered generating £480k in bill savings and over £15k income for the Council.</p> <p>The new Warm Homes funded first time gas central heating project will begin in August utilising external funding support of £743k.</p> <p>The Annual Winter Warmth Campaign completing its 10th year, providing vital emergency support to vulnerable residents over the harshest winter period for many years. All residents over 85 years were contacted and offered support.</p>	<p>Action - Deliver short - term carbon emission reduction targets for key Council emitters and business cases to support investment.</p>	<p>Provisional data for 2017/18 emissions for Council operations (exc. schools and academies) is 10687 tonnes, down 18% from 13105 tonnes - half the reduction came from the Streetlighting Programme. Future projections showing carbon emissions from Council operations until 2021 have been developed and are being used to inform action. For more information see Council Carbon emissions.</p>	<p>Action - Continue to deliver the Capital Programme and Eco - funded External Wall Insulation project for SCH homes.</p>	<p>The Redress funded (£400K) EWI programme has now ended and resulted in a total of 670 External Wall Installations.</p>
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Overall rating

The HS2 Env Prospectus is supporting GI at a strategic level. The proposed Energy Innovation Zones being championed at a WMCA level have the potential to create a risk-managed and commercial scale context for the development of local clean energy markets.

Overall rating

Funding is being secured to undertake necessary studies to ensure opportunities are understood and realised. The council is engaged at a regional level via the Energy Capital/Energy Innovation Zone initiative.

Overall rating

Considerable activity is being undertaken to support energy efficiency and carbon reduction utilising funding from a range of sources. For example the 6 year £3million investment in further street lighting improvements and the recent Warm Homes funded project which secured £743k of external funding.

Carbon Emissions:

[Commercial/Industry](#)

2012 - 519 ktonnes
2013 - 493 ktonnes
2014 - 460 ktonnes
2015 - 413 ktonnes

per capita (t)

2012 - 7.6 tonnes
2013 - 7.3 tonnes
2014 - 6.8 tonnes
2015 - 6.6 tonnes

Household Waste Reused, Recycled or Composted

2014 /15 - 39.8%
2015 /16 - 42.8%
2016 /17 - 42.4%

Municipal Waste sent to Landfill

2014/15 - 9.0%
2015/16 - 8.6%
2016/17 - 9.1%

Carbon Emissions:

[Solihull Council](#)

2015/16 - 14,720 tonnes
2016/17 - 13,105 tonnes
2017/18 - 10,825 tonnes

(Excludes schools)

Domestic Properties

2012 - 469 ktonnes
2013 - 458 ktonnes
2014 - 380 ktonnes
2015 - 359 ktonnes

SAP Rating - SCH Properties

2014 - 72.8
2015/16 - 73.4
2017/18 - 71

Fuel Poverty/fuel poor households in Solihull

2013 - 8,733 (10.1%)
2014 - 7,917 (9.1%)
2015 - 9,261 (10.6%)



Transport and Mobility

Action - Growth and Development Programme - sustainability impacts and opportunities assessed to ensure it fully contribute to sustainability objectives and place making.

The Project Management Framework applied to all Growth & Development projects includes a requirement to consider sustainability throughout the life cycle of a project at a number of key points - Gateway 1 – Project Entry and Gateway 2 – Feasibility / Option selection’.



Action - Produce a robust set of baseline data for measuring air quality from which future monitoring and action plans could be produced.

Monitoring of Nitrogen Dioxide is now underway at a number of locations. The Annual Status Report has been approved by Defra. Work has begun on developing a Low Emissions Strategy to improve air quality in Solihull.



Overall rating
The promotion and delivery of more sustainable modes of transport remains a key priority and is being progressed through a number of major schemes. Improving air quality continues to be a key aim of the council which is committed to producing a Low Emissions Strategy.

Carbon Emissions—Transport

2012— 321 ktonnes
2013— 316 ktonnes
2014— 322 ktonnes
2015—325 ktonnes * A-roads and minor roads

Modal share - % bus and rail, inbound trips to Solihull Town Centre (Solihull Cordon 2017)

2015 - 21% 2017 - 25%

Modeshift Stars Schools

2015/16 - 2 Gold, 5 Silver, 15 Br
2016/17 - 2 Gold, 5 Silver, 16 Br
2017/18 - 2 Gold, 5 Silver, 17 Br



Action -Town Centre Masterplan consulted upon as part of Local Plan Review and Adopted.

The draft Town Centre Masterplan will be subject to review and amendments once the Local Plan Review has been completed. The town centre accessibility scheme is proceeding and will improve pedestrian and cycling connections. Work on movement and accessibility to and from the town centre is underway.



Action - UKC Zone 4 – Blythe Valley Park, UKC Zone 2 - Kingshurst Village Centre/Chelmsley Wood - ensure opportunities to support wider sustainability objectives are exploited to support effective placemaking.

Kingshurst Village Centre Masterplan seeks to maximise the use of green capital in the park. Sustainability opportunities to be explored further in the next stage of masterplanning. **Chelmsley Wood Town Centre** brief requires consideration of sustainability objectives. **Blythe Valley Park - Section 106** contributions secured to fund walking and cycling provision.



Action - Deliver Solihull Connected Delivery Plan Priorities - ensuring sustainability impacts are assessed and opportunities to support wider sustainability objectives and successful place making are exploited.

Priority schemes have been identified and are being progressed through the UKC Infrastructure Package, including the Greening the Grey project which will deliver shared use wildlife corridors. Other activity around sustainable transport is taking place including the innovative InclusivEV electric vehicle car club trial. Early scoping work on a strategic approach to electric vehicles and autonomous vehicle delivery is also been undertaken.



Natural Capital and Adaptation

Action - Support delivery of the Natural Capital Planning Tool.

The tool has now been launched. SMBC Officers took part in a training workshop which informed the development of the tool.



Action - Green Space under positive management .

All Council owned publically accessible green space is under positive management - demonstrated by [Green Flag Park](#) status (15) [Local Nature Reserve's](#) (23) and Local Wildlife Sites. The Solihull Habitats and Nature Improvement project will further enhance council owned land.



Action - Develop Sustainable Drainage Systems (SuDS) - particularly around UKC /HS2.

SuDS requested on all development sites. Local Plan policy on water management reviewed to ensure it delivers benefits associated with SuDS (water quantity/quality and biodiversity). Partnership working with EA and seeking to secure external income from the Trent Regional Flood and Coastal Committee to fund business cases.



Action - Deliver 1st year actions of the Solihull Habitat and Nature Improvement Project - to include ShRimP.

Monitoring Officer and Project Manager appointed. Delivered grassland improvements at Dickens Heath LNR and woodland management works at Dorridge LNR, Hillfield LNR, Alcott LNR and Elmdon Park. Watercourse enhancement completed at Low Brook. Tenders let for grassland projects and further wetland improvement works.



Action - Develop the 'More Bigger Better and Joined GI Delivery Plan .

Solihull now included in Nature Improvement Area. The Greening the Grey programme will create a connected network of green infrastructure and wildlife sites supporting biodiversity and promoting active travel. Currently working with key stakeholders to collaboratively develop further environmental improvement projects



Action - Natural Capital and Wellbeing embedded into infrastructure, development and community projects.

The Greening the Grey project is a good example of how a sustainable transport infrastructure projects can support natural capital and GI and health and wellbeing..



Action - Sustainable management of council owned Woodlands.

In addition to the 2 ERDF programmes we continue to support 2 practical conservation volunteers groups and deliver the Oaks and Shires event .



Action - Prepare and promote a concept framework for development sites to support mental wellbeing and place making.

On track for incorporation into the submitted version of the Local Plan



Overall rating
The council has been successful in securing funding to deliver two landscape scale programmes - delivering on its objective valuing natural capital and investing in the borough's natural environment.

Green Flag Parks

2014/15 - 11
2015/16 - 12
2016/17 - 14
2017/18 - 14

Local Nature Reserves

2014/15 - 21
2015/16 - 22
2016/17 - 23
2017/18 - 23



Communication Education and Engagement

Action - Continue to support schools to become more sustainable.

Over 20 schools have taken part in the Ashden Less CO2 Programme. The 2017 phase started in November with another 13 schools. Four workshops have already been completed and a sharing event is planned. Recruitment has begun for the 4th phase. Schools continue to be also been supported through programmes including Eco-Schools, Love Solihull, Modeshift and events such as Oaks and Shires. A successful schools Climate Change conference was delivered in Nov 17.



Action - Deliver the GP Communications Plan. Produce the Themes Reports and 6 monthly /Annual Reports.

We published the 16/17 Annual Report and Theme Reports and also the Review of Progress in December 17. We have also produced a 'rolling news update' giving a round up of activity and press coverage and updated the sustainability webpages. See [Greener Solihull for Success](#) for more information.



Action - Deliver the Health Development Action Plan including Focus on Food Actions.

As the Food Strategy has come to an end, this agenda is being taken forward via Key Programme 6 - Whole system approach to reducing obesity and physical inactivity.



Action - Pilot the Solihull Sustainable Schools Award.

Pilot launched September 2017. We are currently receiving applications and are planning a celebration event for October 18



Action - Increase the number of communities and businesses engaged in meaningful environmental improvement activities through programmes such as [Love Solihull](#).

750 activities involving 9 businesses (86 employees), 39 community groups plus residents contributing over 2695 hours, equating to a volunteer value of £31,300.



Action - Deliver the Fairtrade Action plan - including support Fairtrade Fortnight 2018.

Events, such as the Bake Off and school art trail continue to be well supported by a variety of businesses, schools and community groups. The Bake Off attracted over 60 entrants and was supported by 12 local businesses.



Overall rating
A wide range of activity is being delivered through our engagement programmes such as Love Solihull and our Education for Sustainable Development activity.

Theme Report (link to be inserted)

Environmental projects:

2016/17 - 637
2017/18 - 750

Delivered by community groups
2016/17 - 37
2017/18 - 39

Involving businesses
2016/17 - 23
2017/18 - 9

Volunteers environmental activity
2016/17 - 5469 hours
2017/18 - 2695 hours

Eco-Schools - Green Flag Schools
2016/17 - 11
2017/18 - 9



On track/completed



Progressing but



Not progressing



Partnership working



Grant funding/inward investment



Innovative Activity