

## Solihull Green Prospectus: delivering a sustainable low carbon Solihull - 2017/18 Annual Progress Report



**Greening the Economy** 

Action - Ensure continued engagement in the HS2 Environmental Prospectus.

Action - Have in place

an understanding of

opportunities arising

waste and resources.

the sustainability

from HS2/UKC - in

particular around

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

Action - Deliver activity to support the green skills agenda such as Your Green Future and Life Ready.

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

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.

Action - Support

and influence

WMCA Produc-

tivity and Skills

Commission.

Action -Submission of Local Plan Review.

it's Action Plan.

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

In responding to the Commission's Call

for Evidence Solihull highlighted its

local actions to support this sector.

We continue to actively engage with

the WMCA Energy Capital initiative.

UKC Solihull is one of four proposed

pilot Energy Innovation Zones.

Action - Continue to support Solihull Sustainability Visioning Group and the delivery of

Consultation on submission draft to take place in 2018.

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.

Action -

Support the

Net-Form

feasibility

study.

The Encraft led project has now ended. The learning will inform future activity on electric vehicle infrastructure.

Overall rating

Overall rating

Funding is being secured to

undertake necessary

opportunities are under-

stood and realised. The

council is engaged at a

regional level via the Energy

Capital/Energy Innovation

studies to ensure

Zone initiative.

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.

**Carbon Emissions:** 

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:** 

olihull 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

Fuel Poverty/fuel poor house-

Action -Continue to deliver the Waste Strategy Action Plan.

energy.

the current strategy and action plan officers will soon start work on developing a new strategy to span the period 2020 through to 2030. Action - Have in place a detailed

understanding of Solihull's key opportunities for decentralised

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.

alternatives solutions to meet the shortfall.

The current Waste Strategy spans the period 2010

to 2020, as well as working towards the objectives in

Action - Continue to engage at a GBSLEP/ WMCA level and with the emerging Energy Capital.

networks - in particular

around HS2/UKC Zone 1 - The

Action - Begin to take forward Solihull's key opportunities for decentralised energy and heat capitalise on opportunities

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.

£

future investment requirements, delivery vehicles and opportunities.

The GBSLEP Energy Plan and Energy Capital's Powering West Midlands Growth can be used to inform Solihull's approach. The district heat-Infrastructure Package Phase 2 includes an element to resource work around developing an energy framework for Solihull.

ing studies contribute to this action. The UKC

Action - Have in place a detailed understanding

of Solihull's energy consumption and CO2

emissions, current planned energy projects,

£

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 ighting improvements and

the recent Warm Homes

secured £743k of external

funded project which

funding

£

2015/16 - 73.4 2017/18 - 71

holds in Solihull

2013 - 8,733 (10.1%) 2014 - 7,917 (9.1%)

2015 - 9,261 (10.6%)

Buildings and Efficiency

**Energy and Resources** 

short term actions of the Home Energy Efficiency and Affordable Warmth Strategy **HEEAWS** 

Action - Deliver

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.

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.

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.

The new Warm Homes funded first time gas central heating project will begin in August utilising external funding support of £743k.

The Annual Winter Warmth Campaign completing its 10<sup>th</sup> 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.

Action - Deliver short - term carbon emission reduction targets for key Council emitters and business cases to support investment

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 arbon emissions

Action - Continue to deliver the Capital Programme and Eco funded External Wall Insulation project for SCH homes.

The Redress funded (£400K) EWI (°°) programme has now ended and resulted in a total of 670 External Wall Installations.

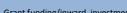








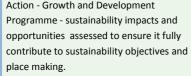




## SMBC June 2018



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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.

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 kev 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 ninor roads

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

2015 - 21% 2017 - 25%



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



Transport and Mobility

Action -Town Centre Masterplan consulted upon

The draft Town Centre Masterplan will be subject to review and amendments once the Local Plan Review has been completed. The as part of Local Plan Review 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.

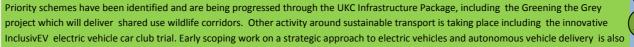
Kingshurst Village Centre Masterplan seeks to maximise the use of green capital in the park. Sustainability opportunities to be explored further in the next stage of masterplanning. Chelmsley Wood Town Centre brief requires consideration of sustainability objectives. Blythe Valley Park -Section 106 contributions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

SuDS requested on all development sites. Local Plan policy on water

seeking to secure external income from the Trent Regional Flood and

management reviewed to ensure it delivers benefits associated with SuDS

water quantity/quality and biodiversity). Partnership working with EA and









Green Flag Parks



**Natural Capital and** Adaptation

Action - Support delivery of the Natural Capital Planning Tool.

1st year actions

of the Solihull

Habitat and

Improvement

include ShRimP.

Project - to

Nature

and Adopted.

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

Monitoring Officer and Project

Manager appointed. Delivered grass-

land improvements at Dickens Heath

enders let for grassland projects and

LNR and woodland management

works at Dorridge LNR, Hillfield

LNR. Alcott LNR and Flmdon

Park. Watercourse enhance-

ment completed at Low Brook

further wetland improvement

Action - Deliver Solihull Connected Delivery Plan Priorities -

ensuring sustainability impacts are assessed and opportunities to

support wider sustainability objectives and successful place making



Action - Green Space under positive management.

Action - Develop

the 'More Bigger

GI Delivery Plan.

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 nhance council owned land.

improvement projects

Solihull now included in Nature Improvement Area. The

and promoting active travel. Currently working with key

Greening the Grey programme will create a connected network

stakeholders to collaboratively develop further environmental

Plan will inform/support the approach

of green infrastructure and wildlife sites supporting biodiversity

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

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

Action - Sustainable

management of council owned Woodlands.

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

ment Action Plan including Focus on being taken forward via Key Programme 6 - Whole system

Coastal Committee to fund business cases.

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.

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

Local Plan

On track for incorporation into the submitted version of the

Overall rating

on its objective valuing

natural capital and

nvesting in the

borough's natural

nvironment.

Overall rating

our engagement

for Sustainable

A wide range of activity is

being delivered through

programmes such as Love

Solihull and our Education

Development activity.

The council has been 2014/15 - 11 successful in securing 2015/16 - 12 unding to delver two 2016/17 - 14 andscape scale 2017/18 - 14 programmes - delivering

**Local Nature Reserves** 

2014/15 - 21

2015/16 - 22

2016/17 - 23

2017/18 - 23

Environmental projects:



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

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 4<sup>th</sup> 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.

Continuing to support the adoption of the Natural Capital

Roundtable. The Government's 25 Year Environment

approach at a GBSLEP/WMCA level via the Natural Capital



Action - Increase the number of communities and

businesses engaged in meaningful environmental

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 - Develop Ecosystem

Services /Natural Capital

Accounting approach and

25 Year Natural Capital Plan.

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.

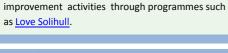
Events, such as the Bake Off and school art trail continue to be well supported by a variety of businesses, schools and community groups. The Bake Off attracted over 60 entrants and was supported by 12 local businesses.



Theme Report (link to be inserted)



**Communication Education** and Engagement





Action - Deliver the Health Develop-

Action - Pilot the Solihull

Sustainable Schools Award.

Food Actions.





As the Food Strategy has come to an end, this agenda is

approach to reducing obesity and physical inactivity.

Pilot launched September 2017. We are currently receiving

applications and are planning a celebration event for October 18

Innovative Activity



as Love Solihull.

