Delivery Plan
2013-17

-this delivery plan should be considered alongside the associated One Planet Cardiff vision

www.oneplanetcardiff.co.uk
Develop Cardiff’s energy production capability

- Develop a citywide Secure Energy City Programme to look at alternative energy sources across the city, ways of reducing energy demand and increasing energy efficiency. This includes solar power, hydro power, wind power and investigating opportunities for district heating networks.
- Progress the Radyr Weir hydro project and identify other opportunities for hydro power on Cardiff’s rivers
- Work with partners to develop a district heating project around the Viridor facility
- Develop a Solar Panel Strategy for Council owned properties and implement Phase 1
- Implement the Local Authority Carbon Management Programme to deliver a 60% reduction in CO2 emissions from Council activities by 2018
- Conduct a Renewable Energy Assessment, as part of the LDP process, to identify areas of the city suitable for renewable technology

Provision of affordable energy and housing improvements

- Engage with the new UK wide ‘Green Deal’, ECO and other initiatives that deal with energy efficiency and fuel poverty in homes across the city
- Ensure that all social housing meets the government’s recommended energy rating (SAP 65)
- Upgrade 600 boilers in Council homes across the city to energy efficient A rated systems
- Help deliver the Affordable Warmth Strategy for Cardiff, to reduce the number of households in fuel poverty and increase health and wellbeing
- Roll out the retrofit of the ‘hard to treat’ homes scheme following completion of over 200 homes in Pentwyn
- Deliver CYD Cardiff, Collective Energy – a collective energy switching scheme for households

Citywide investment and income opportunities

- Develop a Renewable Energy Cooperative Business to generate income from energy generation
- Submit a bid to the Energy Technologies Institute (ETI) Smart Systems and Heat technology programme to seek to build upon heat network opportunities
- Implement the street lighting invest to save project

Future aspirations

- Investigate harnessing the tidal power of the Severn Estuary by utilising renewable marine technology such as tidal lagoons
- Establish an energy advice centre for the city
Increasing recycling, composting and diversion from landfill

- Work towards achievement of a municipal recycling and composting rate of at least 58% by 2015-16, 64% by 2020, and 70% by 2025
- Progressing Prosiect Gwyrdd collaboration - once partner authorities have achieved the Welsh Government legally binding targets on recycling, composting and landfill, Prosiect Gwyrdd will turn waste which cannot be practically recycled or composted into electricity and heat
- Progress Organic Waste Collaboration
- Implement a Zero Tolerance approach to waste

Behavioural change campaigns

- Continue our ‘Get it out campaign,’ run in partnership with Keep Cardiff Tidy and the city’s universities to tackle the waste created at the end of the academic year, with the spare items being sent to charities around the city instead of to landfill
- Implement the ‘Really Rubbish’ education campaign across all Cardiff schools which develops a cultural change in attitudes towards waste reduction and recycling

Future aspirations

- Explore partnerships to reduce packaging waste
Develop a Transport Strategy to sit alongside the deposit LDP that will ensure proposed new developments are accessible by sustainable transport.

Continuing investment in infrastructure to improve bus journey times and service reliability on Cardiff’s main Strategic Bus Corridors, and developing Bus Rapid Transport routes within the city.

Support the electrification of the Valleys lines - and ultimately the development of a South Wales Metro – to create a sustainable transport system for the 80,000 people who come in to Cardiff each day.

Investigate and develop options to increase cross city connectivity and interchange opportunities.

Work with partners in adopting new governance arrangements for a strategic city region approach to transport.

Continue to implement the Strategic Cycle Network Plan and the delivery of the core cycle routes across the city.

Develop a Walkable Neighbourhood Plan for Cardiff, together with a prioritised programme of schemes to be delivered.

With partners continue to work in schools and workplaces across the city to promote cycling through the Bike It project and Cardiff Cycle Challenge.

Continue delivery of the Travel Plan Strategy, assisting organisations across Cardiff in the delivery of sustainable travel solutions.

Support the Personalised Travel Planning project in partnership with the Welsh Government and Sustrans Cardiff, which will provide half the homes in Cardiff with information and advice on how to get about the city sustainably.

Development of a South Wales Metro with partners.
**Linking policy makers and community groups**

- Support the Cardiff Food Charter and Cardiff Food Council and promote healthy, sustainable and ethical food as part of a thriving local economy
- Work with and support community food projects via the Welsh Government Urban Communities Place Coordinator programme
- Continue to support the development of Riverside Community Market Association which holds weekly local farmers markets across the city
- Support the Fair Trade Cardiff partnership by promoting fair trade options across the Council and city
- Expand our work with Cardiff Foodbank to help provide food, donated by citizens and organisations, to vulnerable groups across the city

**High standards of food safety**

- To adopt a Corporate Food Safety Management System which would apply a consistent standard of food safety to all Cardiff Council food outlets
- To increase the percentage of food establishments which are compliant with food hygiene standards to 75%
- To increase the percentage of food premises assessed under the National Food Hygiene Rating scheme to 80%

**Future aspirations**

- Increase local production of food across the city at all levels of scale – household, community and citywide cooperatives
- Develop a One Planet Cardiff foodmark for local businesses who stock or utilise local and sustainable food
- Investigate the Councils procurement to determine where improvements could be made around sustainable food issues
Increasing flood resilience

- Consult on the Local Flood Risk Management Strategy
- In partnership with Natural Resources Wales deliver a long term communications strategy around flood risk, and how residents, businesses and communities can be aware of the risks in their local area and better prepare for community resilience should the risk materialize
- Work with Dwr Cymru and Natural Resources Wales to tackle flood hot spots in water sensitive areas of the city, including implementing flood solutions in Rhiwbina and Waterloo Gardens suburbs

Implementing sustainable drainage Systems

- Ensure that all new housing developments include sustainable drainage solutions such as green roofs, permeable pavements, swales, ponds and wetlands
- Finalise, public engagement, business case and delivery plans for Greener Grangetown – a project in partnership with Dwr Cymru to divert rainwater from the general sewage system and return it to the river system following passive filtration

Using water wisely

- Promotion of water efficiency message alongside our energy efficiency message to householders
- Explore how the cities rivers and Cardiff Bay barrage could be used to generate energy
- Participate in the Cardiff University led Wisdom project which will investigate real time water monitoring networks
Work with Economic Development to develop a Green Economy Action Plan

**ACTIONS**
- Develop the green economy

**Strategic planning**
- Work with Cardiff University on the Retrofit 2050 project - to deliver a step change in current knowledge and capacity for urban sustainability by researching realistic social and technical pathways for the systemic retrofitting of urban areas
- Integrate sustainable development principles into the Local Development Plan to ensure that the city grows sustainably - the LDP will be subject to a combined Sustainability Appraisal and Strategic Environmental Assessment
- Deliver Local Environmental Quality Plan

**Climate change**
- Deliver the Strategic Climate Change Resilience Action Plan, and share outcomes and information with our partners to further improve community resilience

**Developing the green economy**
- Work with Economic Development to develop a Green Economy Action Plan
Develop a One Planet Cardiff partnership, building upon the Carbon Lite Cardiff Partnership, consisting of public, private and third sector organisations to enable better joint working and sharing of knowledge.

Hold a One Planet Cardiff Festival 2013 to promote the One Planet Cardiff message and engage the general public and our stakeholders - this will consist of a schools event for primary and secondary school pupils, a film event with speakers and debates, and a main celebratory festival event in Cardiff Bay.

Identify opportunities for providing work and training for young people in progressing the delivery of Cardiff Outdoors and One Planet Cardiff.

Host the Welsh Government funded Urban Communities Place Coordinator for Cardiff, and support the programmes work with local communities on sustainable development projects.

Continue to identify opportunities to work with academia and businesses to identify innovative funding streams.

Dedicated One Planet Cardiff behavioral change campaign for Cardiff’s residents, utilising social marketing techniques.

For further information on sustainable development issues please contact:

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