

Appendix I of the report to the Buildings, Land and Procurement Panel

Hampshire Energy Strategy - Action Plan 1 (2014 – 2018)

This Energy Strategy Action Plan 1 (ESAP1) sets out the first programme of actions for delivering the County Council's Energy Strategy 2012¹. It spans a four-year period starting in 2014 and will be monitored regularly and reviewed each year to take account of the progress of each action (see Governance section below), as well as legislative and operational changes which may affect the plan. It is intended that this plan will be followed by further four yearly action plans. Together these action plans should deliver the overall aim and objectives of the Energy Strategy, being:

The Aim of the Hampshire Energy Strategy 2012:

“For Hampshire County Council to provide community leadership for resilience to the risks of energy security, affordability and carbon emissions and, contribute to a sustainable low carbon economy in Hampshire”

The Objectives of the Hampshire Energy Strategy 2012:

Objective 1: To reduce energy consumption and increase the efficiency of energy use in the County Council and the community of Hampshire

Objective 2: To invest in local energy projects which collectively support the key principals behind the Energy Strategy

Objective 3: To integrate energy generation and infrastructure into place shaping

Objective 4: To facilitate community access to secure, affordable and/or low carbon/renewable energy and energy services.

The actions have been chosen through a process of prioritisation in-line with the range of objectives they help to deliver and the County Council's need to 'Shape its Services for the Future'². Many of the actions deliver multiple objectives, as can be seen in [Appendix 1](#). The majority of the actions are already underway within existing work programmes, with most at early stages of development. Through developing, delivering and supporting the current programme, the ESAP1 will help to:

1. Increase the security of energy supplies for Hampshire County Council, its partners and the wider Hampshire community;
2. Increase the affordability of energy for Hampshire County Council, its partners and the wider Hampshire community and;
3. Reduce carbon emissions throughout Hampshire

The content of future plans will be informed by the progress and development of the current plan, and the issues that emerge through the plan period, including research into suitable and relevant areas of demand, technologies available and cost implications, and contribution to the carbon reduction targets.

¹ Energy Strategy 2012: http://www3.hants.gov.uk/climatechange/environment-climate_change-energy_strategy.htm

² Shaping Services for the Future: <http://www3.hants.gov.uk/index/council/shaping-services.htm>

Carbon Management Targets:

The over-arching target for the Energy Strategy, and associated action plans, is the adoption and continuation of the carbon reduction targets set for the County Council's Carbon Management Plan 2010³. The Carbon Management Plan 2010 stated a number of ambitious targets to reduce the Council's carbon output and to become carbon neutral by 2050:

- Phase 1: 20% carbon reduction from the 2010 baseline, over an initial five year period to 2015;
- Phase 2: 35%-40% reduction by 2025;
- Phase 3: Achieving carbon neutrality by 2050.

Document framework:

The actions that follow are listed by eight 'themes', where actions are grouped by type, and then by priority. The priorities are determined by the potential for each action to meet two or more of the following facets:

1. Ability to meet Hampshire County Council's aspirations for the Energy Strategy (and shaping of services for the future);
2. Cost implications and;
3. Ease of implementation, which are prioritised as:

High	Potentially: high ability to meet Hampshire County Council's aspirations; low financial risk or sound invest-to-save proposal and/or; high ease of implementation
Medium	Potentially: medium ability to meet Hampshire County Council aspirations; medium financial risk or workable invest-to-save proposal and/or; medium ease of implementation
Low	Potentially: low ability to meet Hampshire County Council's aspirations; high financial risk or unfavourable invest-to-save proposal, low ease of implementation.

Governance:

The ESAP's delivery will be co-ordinated by a newly established ESAP Working Group. This Working Group will be a virtual group made up of officers from across the Council representing key areas of delivery within the ESAP.

This Working Group will report to the existing Energy Working Group (EWG) which will provide political and technical guidance where required. The ESAP will report to the EWG on a quarterly basis and an annual review will also be reported to the EWG to assess the overall progress of the plan. The EWG will also be responsible for considering risks associated with the work and verify progress against timescales. The group is currently comprised of senior officers from Economy Transport and Environment, Culture, Communities and Business Services (CCBS), legal, procurement and finance.

The ESAP will also provide updates to Councillor Kendal's existing Member Energy Workshop as required.

³ Carbon Management Plan 2010: <http://www3.hants.gov.uk/carbonmanagement.htm>

Actions	Priority
<u>1 Energy in County Council Business Planning</u>	
1.1 Investigate and develop opportunities to sell energy expertise across public and private sector clients.	High
<u>2 Energy Infrastructure Projects in County Council Assets (including Schools)</u>	
2.1 Implement a programme to improve energy performance within Hampshire County Council buildings.	High
2.2 Evaluate the suitability for solar photovoltaic infrastructure on County Council buildings, schools extensions, land and implement where feasible.	High
2.3 Support and/or develop and deliver district energy network generation schemes in Hampshire.	High
2.4 Continue to assess on a case by case basis, opportunities for the Renewable Heat Incentive (i.e. biomass) in Hampshire County Council buildings including schools.	Medium
2.5 Carry out County Council Land Suitability Assessment to establish its potential role in energy generation.	Medium
<u>3 Energy in Building Management in County Council Assets</u>	
3.1 Continuously improve the existing comprehensive Energy Monitoring System (e.g. Smart Metering and Building Management Systems) for County Council buildings and assets.	High

Actions	Priority
4 <u>Energy in Waste Management</u>	
4.1 Explore synergies between the energy and waste work streams to develop opportunities and project delivery.	High
5 <u>Energy in Schools</u>	
5.1 Continue to facilitate the County Council's Schools Carbon Management Group and improve energy efficiency in schools.	High
5.2 Work closer with Schools and Academies on the School Estate, and explore opportunities to offer schools an energy performance package in order to implement renewable infrastructure.	High
6 <u>Energy Policy and Process</u>	
6.1 Facilitate the delivery of the Energy Strategy through the development planning process.	High
6.2 Integrate the Energy Strategy and Action Plan with the County Council's Carbon Management Plan and other carbon management activities such as the Strategic Asset Management Plan, Workstyles and Green IT Tasks.	Medium
6.3 Procure Hampshire County Council energy supply contracts in a way that demonstrates value for money, security of supply, and reduces carbon emissions in the longer term.	Medium
6.4 Procure products and services for Hampshire County Council in a way that demonstrate value for money, whilst reducing energy usage and carbon emissions.	Medium
6.5 Integrate energy reduction mechanisms into corporate policies and processes.	Medium
6.6 Continue to support energy reduction measures in emerging legislation for the benefit of Hampshire.	Low

Actions

Priority

7 Energy Research, Development and Advice

- 7.1 Assess current and future renewable energy technology by monitoring market information and news items, i.e. "Horizon scanning" and incorporate potential opportunities into the energy programming and project development.
- 7.2 Develop and manage a website based hub to direct: schools; local authority partners; community groups; local business and residents to information on energy issues.

Medium
Medium

8 Energy in Hampshire

- 8.1 Deliver the [EU INTERREG Ecotec21](#) project (which promotes and raises awareness about Combined Heat and Power Plants).
- 8.2 Engage with the Solent and Enterprise M3 Local Enterprise Partnerships (LEPs) to jointly develop investment and infrastructure strategies which take into account low carbon and sustainability issues.
- 8.3 Implement the programme for installation of a number of electric charging points for vehicles.
- 8.4 Continue to deliver the Winter 2013/14 "[Switch Hampshire](#)" scheme.
- 8.5 Support vulnerable people through the delivery of "[Hitting the Cold Spots](#)" project
- 8.6 Investigate energy options for Hampshire residents and businesses with high cost fuels.
- 8.7 Embed energy resilience and adaptation in the [Joint Strategic Needs Assessment](#) (JSNA) and align the priorities in the Hampshire Health and Wellbeing Strategy.

High
High
High
High
Medium
Low
Low