

Reviewing the options – A Local Authority Approach

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Corporate approach to sustainability

Council Plan 2014 – 2017

A Safer Derbyshire – Green and Sustainable Communities

- Lead on climate change mitigation and adaptation
 - Climate Change Charter
- Reduce the Council's carbon footprint
- Assess efficiency of all assets
- Invest in renewable energy
 - Reduce risk of future energy price rises
 - Generate income streams

Corporate approach to sustainability

Council Plan 2014 – 2017

A Safer Derbyshire – People Supported in Hard Times

- Work with county-wide partners to tackle fuel poverty.

Corporate approach to sustainability

Environmental Sustainability Group

- Established in 2010
- Objectives;
 - Achieve greater sustainability impacts from existing resources
 - Performance framework for sustainability accounting across the whole council
 - Balanced Scorecard

Corporate approach to sustainability

Environmental Sustainability Group

- Chaired by the Strategic Director of Economy, Transport and Environment
- Elected Member Sustainability Champion, Cllr John Owen

Corporate approach to sustainability

Carbon reduction target

- Solar PV
 - £500k corporate capital investment
 - Schools and corporate buildings
- Carbon Reduction Initiative Fund
 - £500k corporate capital investment
 - £50k revenue funding
 - LED lighting in offices and bus shelters
 - Wind turbine at Shipley Country Park

Corporate approach to sustainability

Shipley Country Park

- Exemplar of environmental sustainability - Green Flag!
- Former Colliery
 - Deep seam pits
 - Opencast mines



Corporate approach to sustainability

ShIPLEY Country Park

- 4kWp solar PV
- 6kW wind turbine
- ~6% on-site generation



Corporate approach to sustainability

Review of Sustainable Energy Potential

- Improvement and Scrutiny Committee
(Resources)
- Aim;
 - Investigate current council sustainable energy projects
 - Ascertain viability of future projects on council owned land and projects, including those identified in the Non-Operational Review

Corporate approach to sustainability

Review of Sustainable Energy Potential

- Land based solar PV
 - Best suited to sites unfit for agriculture and housing
 - Former heavy industrial sites now present opportunities for developing large scale sustainable energy on brownfield and contaminated sites on a commercial basis

Corporate approach to sustainability

Review of Sustainable Energy Potential

- Findings;
 - A number of opportunities exist
 - Links to the work of ESG
 - Risk assessment of funding streams and financing options is required

Corporate approach to sustainability

Review of Sustainable Energy Potential

- Recommendations;
 - Thorough investigation of large scale sustainable energy production on council owned sites, with viable projects put forward for development.
 - Assessment of potential projects ben undertaken by a cross-departmental officer team.
 - Consideration of future development or innovations within the sector.

Understanding your assets and land use

Property Rationalisation

- £157m savings to make by 2018
- Need to align property assets to the Council's needs
- Office Accommodation Rationalisation Project (New Ways of Working)
- Service Based Property Reviews
- Place Based Asset Management Strategy with our partners

Understanding your assets and land use

Non-Operational Property Review

- Many non-operational assets that Council doesn't use or need (over 3,600)
- Comprehensive review incl. service dept. consultation
- Member involvement & support via Improvement & Scrutiny Committee review and Member consultation day
- Included TNRP (Tenanted Non-Residential Portfolio) - 25 year financial appraisal to determine sale or retention
- Some of the non-operational assets could be made to sweat for the Council – production of revenue income

Sustainable Energy Generation – Initial Site Identification

- Size – minimum 2 hectares
- Department and current use
- Vacant possession or Tenanted (whole or part)
- Details of any tenancies in place including start date, end date, tenant and current rent.
- Flood risk
- Shape and topography

2nd Stage Feasibility Criteria

- Land Use - previously developed land
 - Brownfield
 - Contaminated
 - Industrial
 - Agricultural land classed 3b, 4 and 5

2nd Stage Feasibility Criteria

- Grid connection and capacity
 - Sub-station proximity
 - Capacity
 - Length of cable runs
- Access
 - Construction and maintenance
 - Highways Development Control

2nd Stage Feasibility Criteria

- Local Plan Policy
 - Review adopted plans and emerging policies
 - NPPF
- Visual and landscape impact
 - Reduce impact from visual receptors
 - Utilise natural screening

2nd Stage Feasibility Criteria

- Protected landscapes
 - Avoid Green Belt, SSSI, conservation areas
- Heritage assets
- Ecology
- Biodiversity gains
 - Long term land management

Next steps

- Finalise potential sites for detailed feasibility work
- Appraise finance models
- Sustainable Energy Workshop for Members
 - Case studies and best practice
 - Options and opportunities
 - Member prioritisation (short, medium and long term)
- Develop an Energy Strategy for Derbyshire

Next steps

- Participate in APSE Energy
 - Support
 - Share best practice and learning
 - Partnership working
- Any questions or comments?