

Renewable Energy Opportunities for Derbyshire County Council

APSE

Municipal Energy – Local Leaders Forum

**The role of political leadership in driving and
facilitating local sustainable energy
programmes**

Wednesday 29th October

Introduction

Councillor John Owen
Deputy Cabinet Member for Council
Services
Sustainability Champion

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

Council Plan 2014 – 2017

A Safer Derbyshire – People Supported in Hard Times

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



**Derbyshire Climate Change
Charter
2014-2019**

Mitigation and Adaptation across Derbyshire



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

Environmental Sustainability Group

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

Carbon reduction target – corporate investment

- 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

ShIPLEY Country Park

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



ShIPLEY Country Park

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



Scrutiny Review of Sustainable Energy Potential

- **Aim;** investigate current council sustainable energy projects and ascertain viability of future projects on council owned land.
- **Findings;** opportunities for large scale solar on former industrial land.
- **Recommendation;** thorough investigation of sustainable energy projects
- **Update;** site identification for ground mounted solar PV

Next steps

- Finalise list of sites potentially suitable for large scale, ground-mounted solar PV and consult with local Members.
- Meet with the DNO to understand grid capacity and constraints.
- Options appraisals (finance and technology)
- Business case development
- Energy Strategy

Thank you!

- Wayne Bexton, Principal Policy Officer
01629 538254
wayne.bexton@derbyshire.gov.uk
- Kathryn Warrington, Carbon and Energy
Manager
01629 538440
kathryn.warrington@derbyshire.gov.uk