# 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



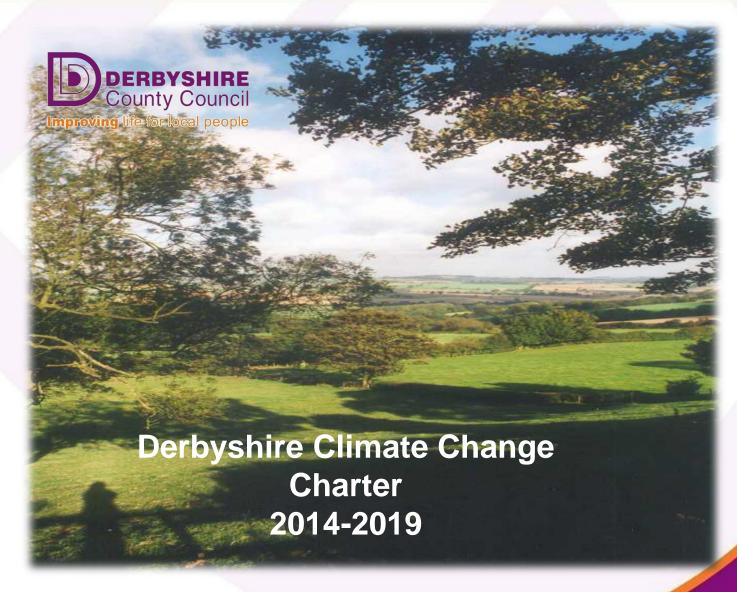
#### Council Plan 2014 - 2017

A Safer Derbyshire – People Supported in Hard Times

Work with county-wide partners to tackle fuel poverty.



#### **DERBYSHIRE COUNTY COUNCIL**





#### 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



### 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

