

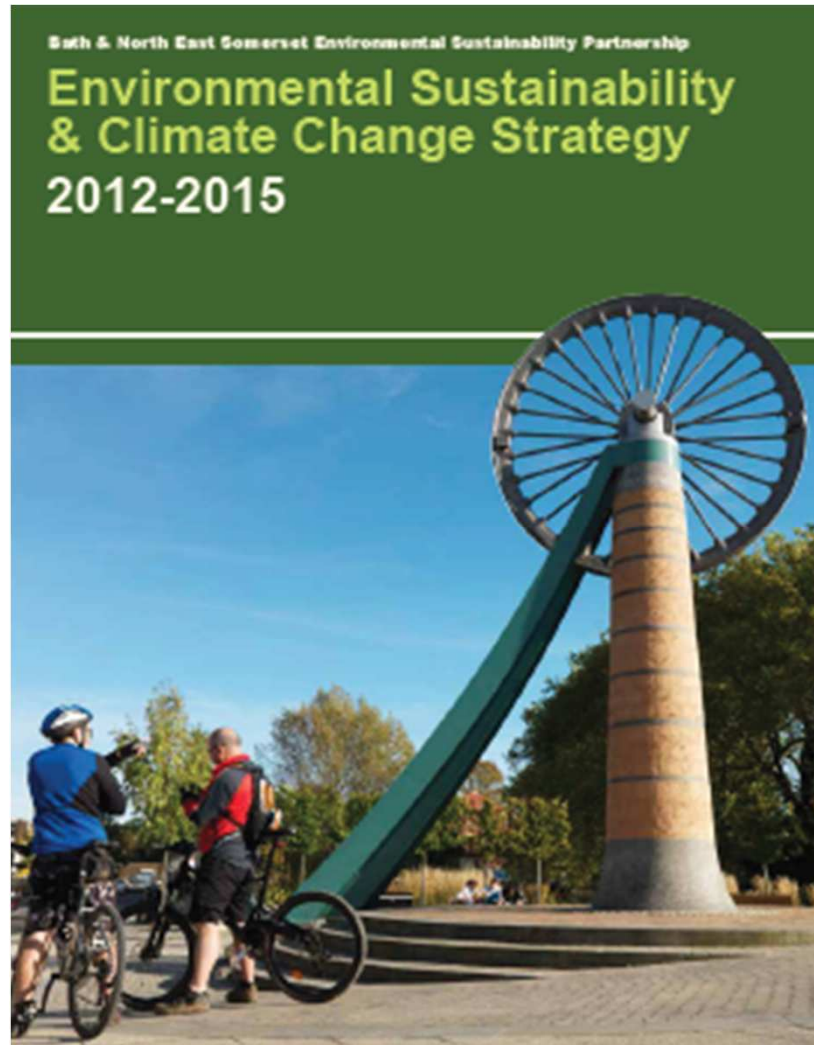
**Communities, Transport and Environment
Policy Development & Scrutiny Panel - 16th November
2015**

**Climate Change: progress,
opportunities, challenges**

**Jane Wildblood, Corporate and Community Sustainability
Manager**

Presentation format

- Vision & Ambition
- Progress and achievements
- Context
- Opportunities & Challenges



Vision & Ambition:

‘We will lead B&NES to an environmentally sustainable, low carbon future that is resilient to the expected changes to our climate.’

‘We want B&NES to be a leader in green innovation and achievement.’

The Strategic Approach

1. Partnership working

- Bringing together the right people

2. Community enablement

- Supporting residents and community groups to achieve their aims

3. Leading by example

- Council and partners taking bold actions to lead and influence

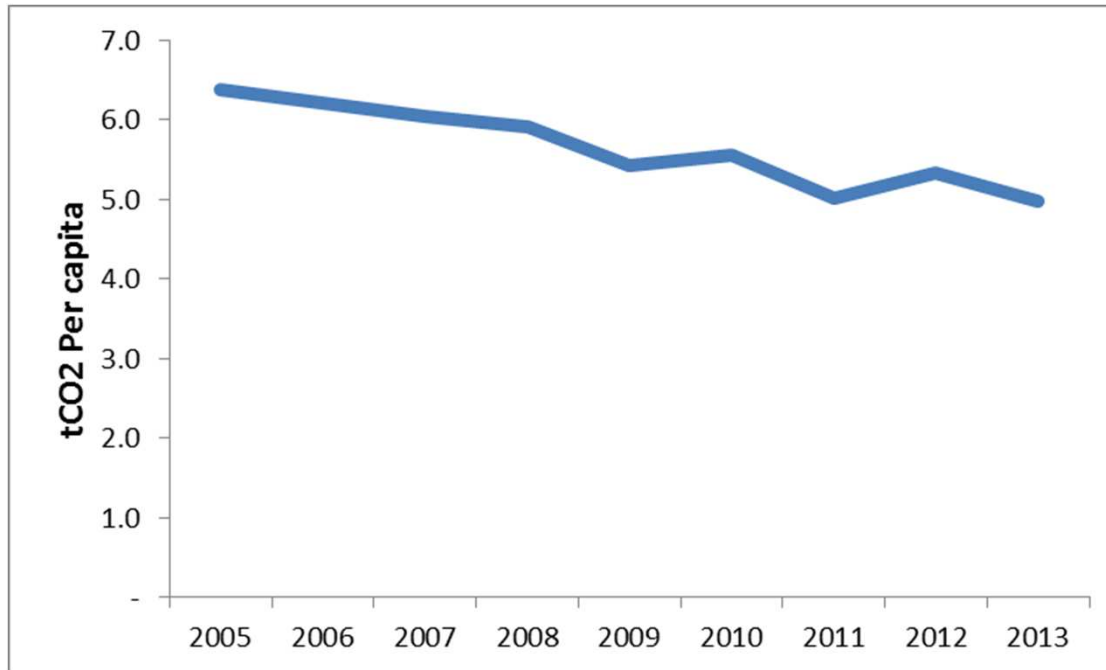
Priorities driven from ESP:

- Reducing our impact on the climate and our dependency on fossil fuels:
 - Domestic energy efficiency
 - Renewable energy development
 - Low carbon economy
 - Public sector energy management
 - Local food
 - NB Transport & Waste driven from those departments

Progress in numbers ...

- Carbon reduction
- Renewable energy generation

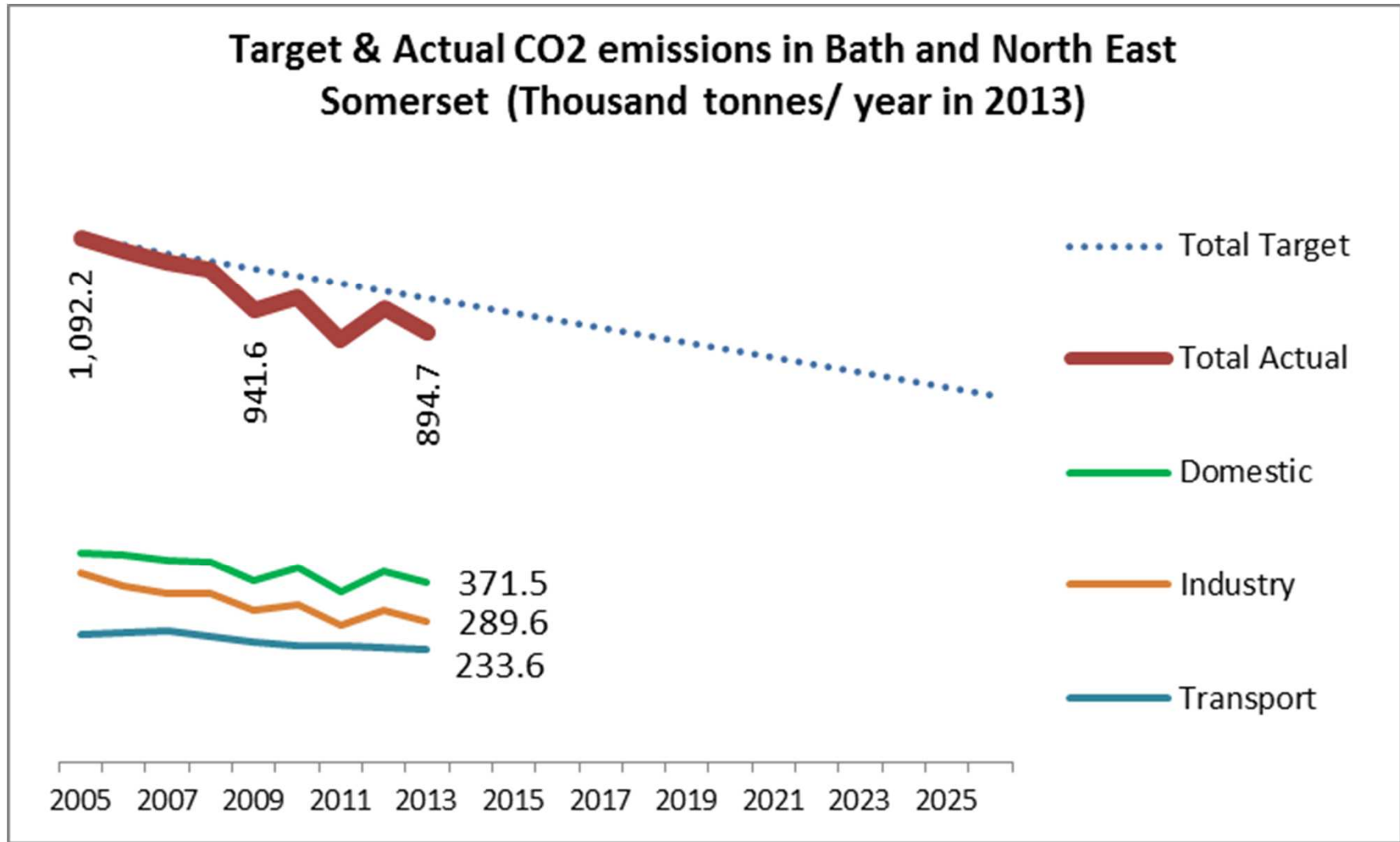
Area carbon emissions 22% down from baseline year



Target:
45% cut by
2029 from
baseline year
2005

Scope of
influence:

- Local
- National

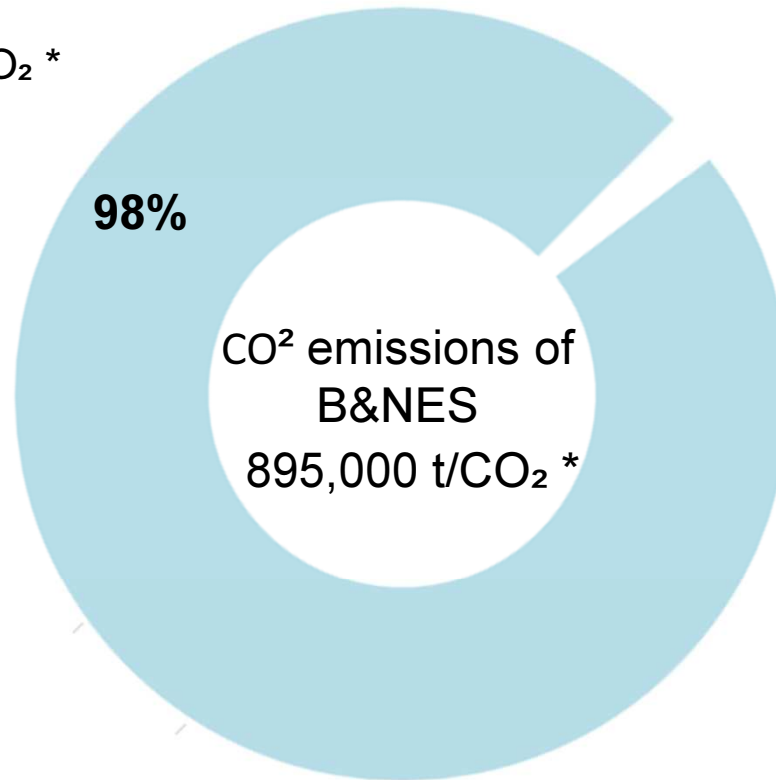


**The Council's 19,700 t/CO₂*
emissions only made up**

2%

of the total CO₂ emissions
of B&NES

The **rest of B&NES**
produced 875,300t/CO₂ *
from:



The Council's emissions are
produced by its:



Fleet



Business travel



Leisure services

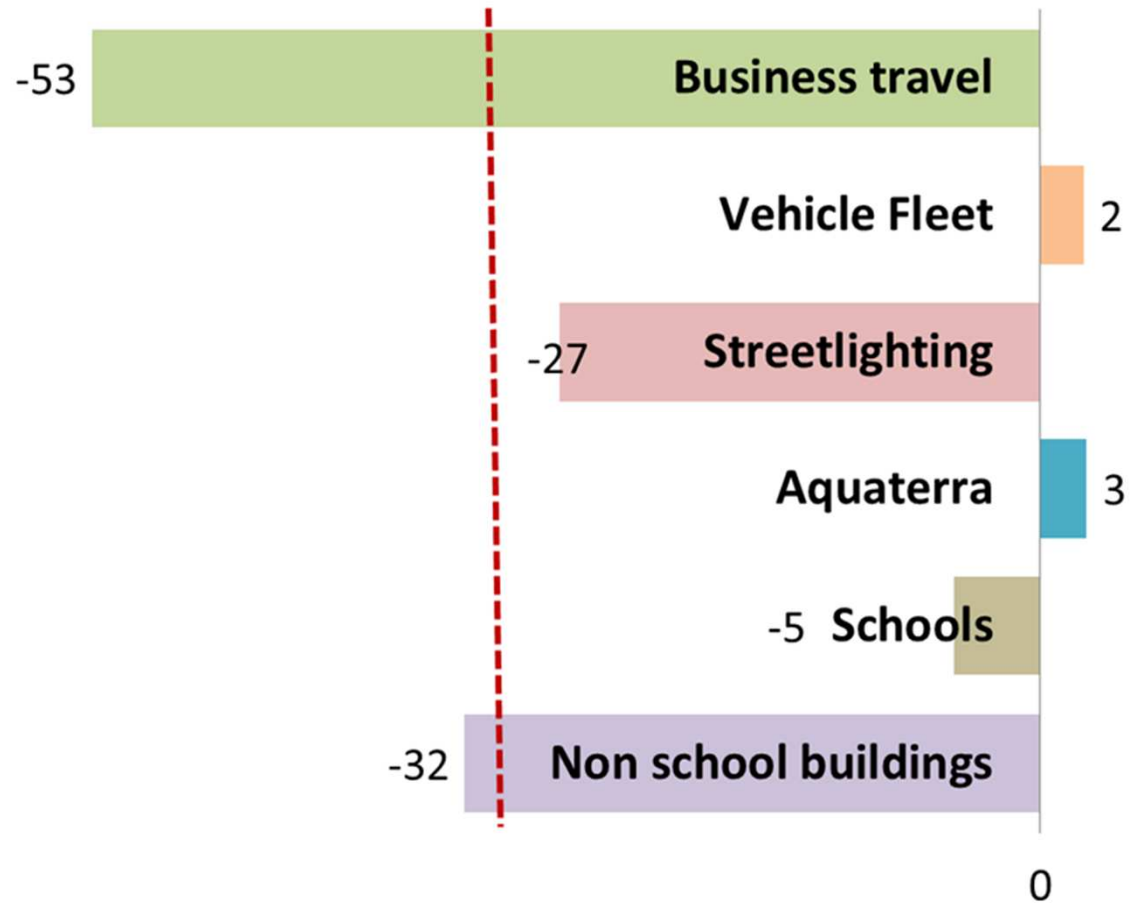


Street Lighting



Schools and other sites
e.g. offices

% CO2 reduction from 2007/8 Baseline



--- original Carbon Trust 30% target

Next steps

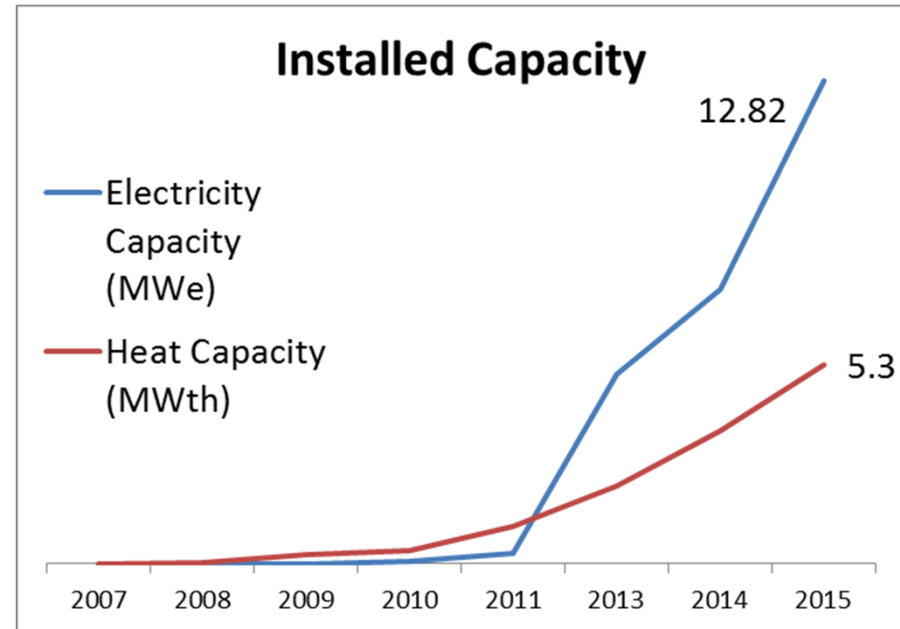
- Build into service delivery
- Workplaces & Corporate Travel
- Leisure
 - CHP in Bath Leisure Centre
 - New build Keynsham



Renewable energy generation



- **18.2 MW capacity**
- **Of which 7.3 MW community owned**



Progress – some highlights.....

External funding gained since 2006

- £770,000 Our Big Energy Challenge
- £115,100 DECC £ HNDU (Heat Network Development Unit)
- £929,000 Green Deal Communities
£804k for householder grants, £10k for open homes, £11k assessments, £104k for Trade Support and business development
- £162,000 NEA's Warm & Healthy Homes fund

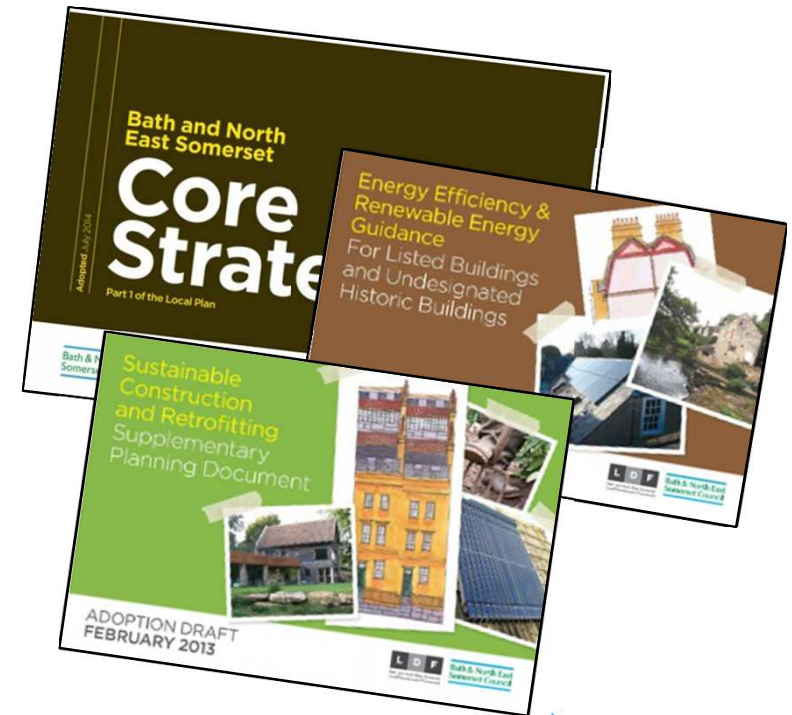
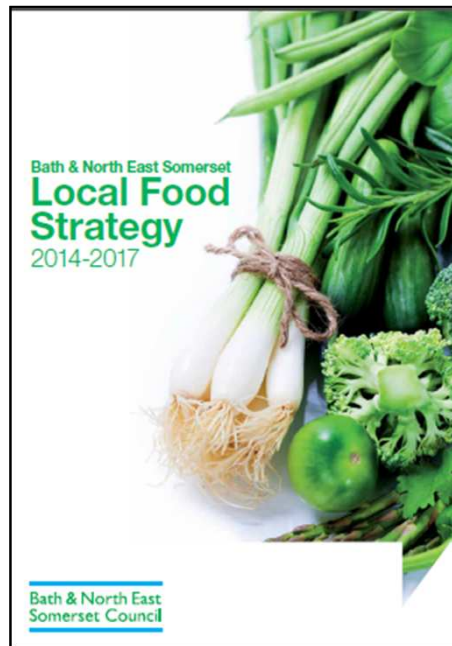
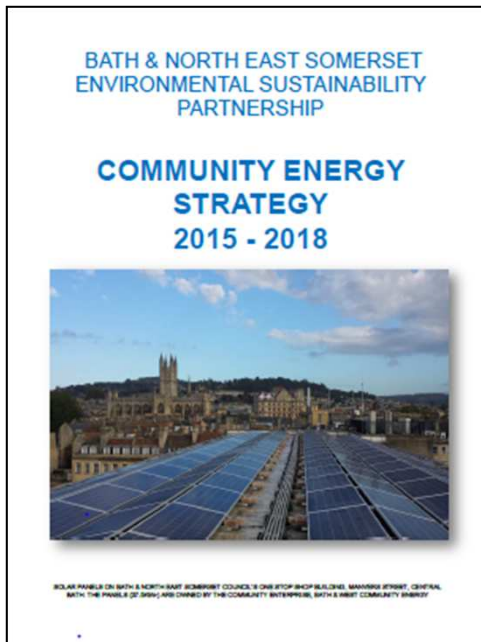
£1.98million

Keynsham Civic Centre

- 90% cut in energy use from previous building
- Saving £140k pa
- National and regional awards



Adopted: two delivery strategies, new planning policies & guidance



Community Energy

- » Innovative Co-operation Agreement with Bath & West Community Energy
- » 6 solar schools
- » 7.3MWe installed
- » Awards for BWCE & Council



Chelwood – from coal to broadband

- Chelwood Community Energy
- 3% of village land to provide over 100% village electricity
- £50k/yr village income to fund rural broadband
- Panels – low visual impact



Energy at Home Scheme up and running



Energy at Home – key facts

- DECC householder grants: £800k
- 213 homes by Sept 2016 with grant
- Ideal scenario 400-800 homes per year potential
- NEA further £175k for fuel poor households
- B&NES model for similar councils



Community @67

Local food project

- Fruit and veg buying co-op
- Locally grown
- Affordably priced
- Cookery demonstrations
- Weekly hot meal in a social environment

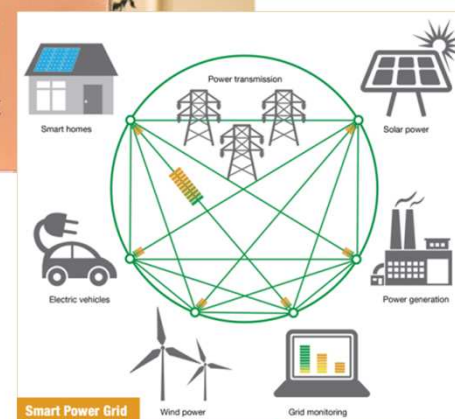


Policy & Market Context

- Green Deal removal & impact
- Bonfield Review, March 2016
- Renewable energy tariff changes, January 2016: community energy impact
- Current market uncertainty

Opportunities & Challenges for 2016- 19

- Energy at Home
- Community Energy
- ‘Energy Services’ & ‘smart energy’
- Local Food
- Tackling adaptation to climate change



Request to PDS Panel

- Note progress
- Note current policy context
- Continue to support work of the Environmental Sustainability Partnership
- Contribute views and ideas to the strategy refresh