

Bristol's Municipal and Energy Investment Programme



ELENA Funding

- ELENA technical assistance grant of £2.5m to provide additional staff resources and funding for preparing the programme
- £62.5m of investment by the end of the 3-year ELENA period
- 4 strands of work, set up of sustainable business model
- Energy Saving measures on social and private housing properties, energy efficiency measures on public buildings, solar PV installations on social housing and public sector buildings



Energy Company

www.bristol-energy.co.uk

- Obtained Cabinet approval Feb 2015 to set up a fully licenced energy company, wholly owned by Bristol City Council
- Controlled Market Entry completed in December 2015
- Energy Supply and Service
- Bristol Energy is:
 - A different type of Energy Company – supporting the business of the council and the city
 - Strives to be the most environmentally conscious and trusted local energy supplier
 - Supports the most financially stretched households in Bristol – giving them extra support to switch and to cut their bills
 - Bring more jobs and investment to Bristol

District Heating Projects

District networks in progress (red) and proposed networks (purple)

Avonmouth/
Sevenside
project
collaborating
with South
Gloucestershire
Council

City Centre
Part 2

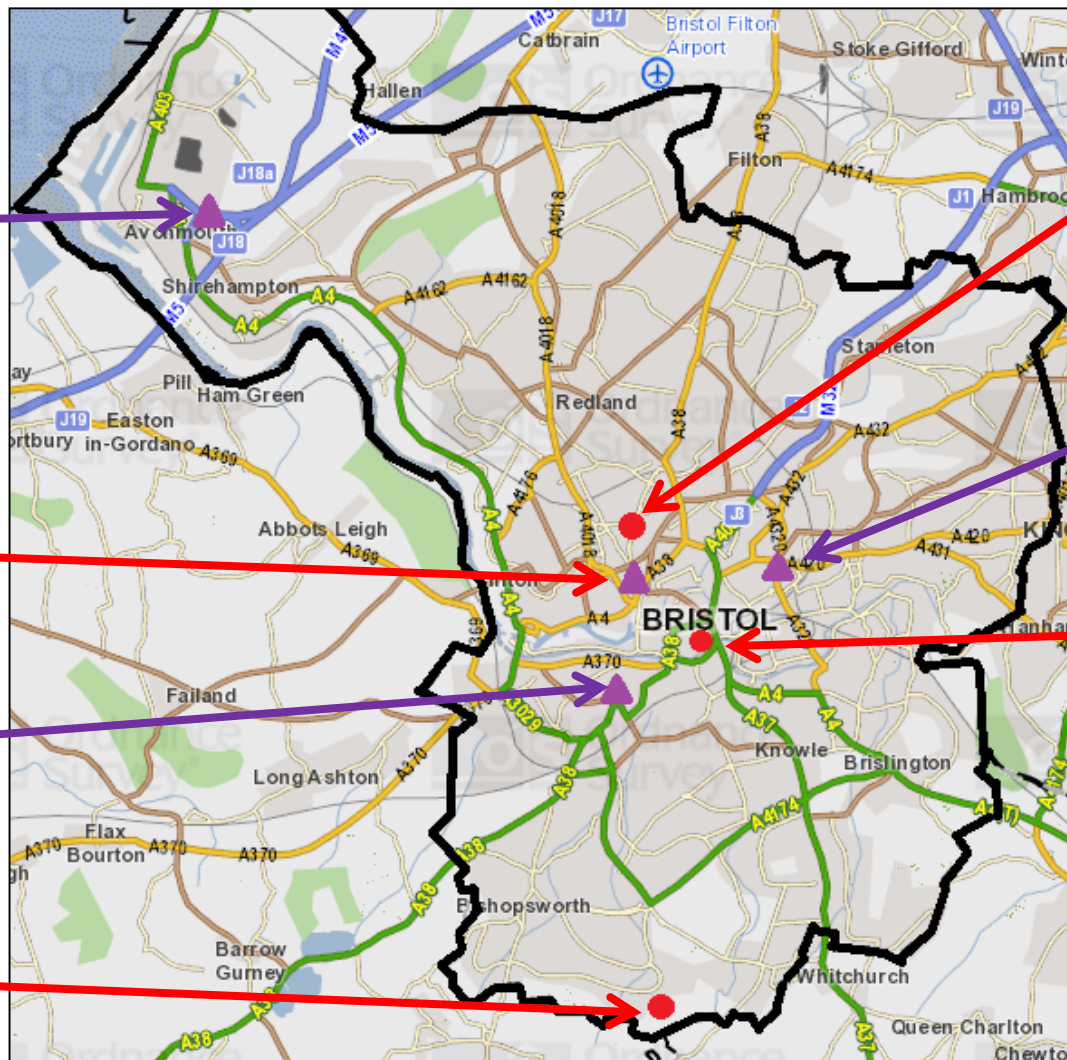
South
Bristol

Rowan
Complex

City
Centre
Part 1

Easton

Redcliffe
and
Temple
Project



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BCC Renewable Energy - Completed

Completed:

- 1500kW solar PV installed
- EU compliant Solar PV procurement framework
 - Up to £47m works
 - Corporate buildings, leisure centres and schools
 - Work with other public sector organisations such as the Cabinet Office/the NHS to do work on their buildings



Community Solar PV

- BCC facilitating solar PV installations by Community Energy Groups on BCC owned buildings
- Pilot package completed:
 - 100kW on community centres and South Bristol Sports Centre
- Community PV Competition:
 - Further 550kW on BCC owned buildings
 - Installations ongoing
 - BCC match maker with business community coming on board, grant and loan fund





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ycling Fund

file Hard to

- City Hall underway
- M Shed planning application
- Colston Hall, City Museum, Central Library and 20 other projects



External Cladding on social housing

Completed:

- Tower block programme of £32m ongoing
- Low-rise insulation programme of £25m currently being delivered, pilot programme completed
- EU compliant External Cladding Programme and low-rise insulation procurement frameworks



Warm up Bristol

Warm up Bristol - launched Oct 2014. Based on Green Deal – support installation of energy efficiency measures.

3 Streams

- *Green Deal Communities scheme* – 100 streets in Easton, Totterdown and Horfield (£5.3million DECC)
- *Private Rented Sector pilot* - targeting properties with poorest rated EPCs (E, F & G), (£2million DECC)
- *Citywide* – ECO supported or able to pay

Delivery Partners:

- ECO funding provider & main delivery partner (Climate Energy)

Community Involvement:

- Engagement activity and referral fee for community groups

Total contract value estimated at £40m





warmup
bristol



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Warm up Bristol Progress

October 2015:

- 6,217 enquiries received
- 5,706 Green Deal Advice reports booked
- 3,102 Green Deal Advice reports completed
- 2,201 quotes issued at £11.7m
- 1,065 orders @ £5.7m
- 551 installations @ £1.9m
- Target – approx. 1800



January 2016:

- All outstanding works completed
- 118 installations completed since mid Nov 2015
- 200+ enquiries to join the scheme



Fuel Poverty – social housing

Social Housing

- Decent Homes Standard
- Planned repairs programme
- Upgrade programme
 - 10 year tower blocks
 - 5 year low rise
- Picking up windows, doors and boiler replacements
- District heating in high rise
 - replacing electric system



Fuel Poverty – Private Housing

Private Rental Sector

- Category 1 cold hazards
 - Enforceable
 - Able to offer grant through PRS scheme to improve energy efficiency rather than prosecute
- Gas connections
 - Replaces more expensive electric heaters
- Wessex Home Improvement Loans
 - 5 year repayment scheme in revolving fund
 - 5% interest rate



Fuel Poverty – Warm Up Bristol

Owner Occupier sector

- No legal requirement to improve properties
- Energy Company Obligation
 - HHCRO (Home Heating Cost Reduction Obligation)
 - Qualifying benefits only
 - Boiler replacements; loft and cavity wall insulation
- Fuel Poverty focus for GDC since Sept 2015
 - Wider than HHCRO
 - Delayed roll out due to CE administration



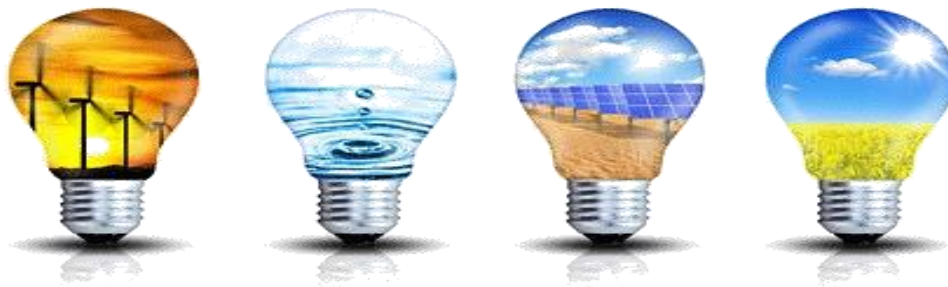
LESSONS LEARNT

- Long-term strategic policy development at the local level crucial
- Data analysis and mapping important
- Area based/street-by-street schemes a good way of engaging householders and public sector organisations,
 - Whole house retrofit approach vs measure by measure
 - Partners crucial to successful running!
- Local authorities can be the main driver for implementing energy investment and sustainable business models at the local level in co-operation with the private sector
- Municipal energy company model ensures long-term continuity of ELENA Programme



What would we do differently?

- Agreement to recruit all staff from the beginning on
- Less consultancy more in house expertise
- Start municipal energy company process earlier and build in more resource
- Bundling of EU compliant procurement processes – medium sized city
- European Green Capital title a challenge but also an opportunity, resource in that context
- Manage retrofit schemes in-house or have more oversight!



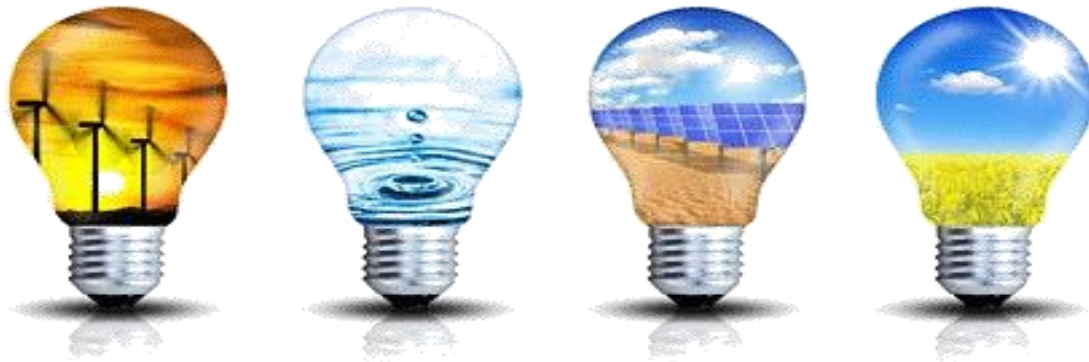
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