

Bristol's European Local Energy Assistance (ELENA) Programme

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ELENA History

- Cross-party support for ELENA including setting up the municipal energy company, Cabinet report September 2010
- EIB contract signed, March 2012
- Appointment of 5 initial staff to develop and deliver investment programme, January 2013
- Appointment of Service Director Energy, April 2013
- Restructuring, no recruitment possible, October/November 2013 – June/July 2014
- Completion of restructuring, July 2014
- Further recruitment of 6 more staff, August - October 2014
- Full delivery of all programme strands including procurement of contracts, October 2014 – June 2016



ELENA Funding

- ELENA technical assistance grant of £2.5m to provide additional staff resources and funding for preparing the programme
- £62.5m of investment into energy efficiency and renewable energy projects by the 1st June 2016
- 4 strands of work + set up of municipal energy company
 - 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
 - district heating networks



- **Energy Company work stream**



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Energy Company

www.bristol-energy.co.uk

- Obtained Cabinet approval on 6th July 2015 to set up a fully licenced energy company, wholly owned by Bristol City Council
- Controlled Market Entry completed by the end of the year
- Energy Supply and Service

Bristol Energy will:

- Be a different type of Energy Company – supporting the business of the council and the city
- Strive to be the most environmentally conscious and trusted local energy supplier
- Support 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

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- **Energy Saving work stream**



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External Cladding on social housing

Completed:

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



Warm up Bristol

Warm up Bristol Green Deal/retrofit - launched Oct 2014

45 different measures. Knocking on every door in the city over next four years

- Green Deal Communities scheme – 100 streets in Easton, Totterdown and Horfield
- Private Rented Sector pilot - Targeting properties with poorly rated EPCs

Delivery Partners:

- Green Deal Provider – Climate Energy Ltd
- Energy Company Obligation funding – EDF Energy

Community Involvement:

- Referral fee for community groups
- Employment opportunities



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warmup
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Warm up Bristol Progress

31st July 2015:

- 5,489 enquiries received
- 4,875 Green Deal Advice reports booked
- 2,656 Green Deal Advice reports completed
- 1,922 quotes issued at £10.2m
- 842 orders @£4.4m
- 409 installation (by measures) @ £1.4m



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Energy Efficiency - Salix

Utilising Salix Recycling Fund (£1.2m with up to 5 year paybacks)

- £1m per year in savings, £4m since fund began
- Fund size to be increased as project pipeline is >£2m
- Audit of all BCC buildings to improve procurement routes
- Joint ventures with Solar PV → Schools Programme
- Iconic Bristol buildings
 - City Hall and M Shed underway
 - Colston Hall, City Museum, Central Library to follow



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- **Solar PV installations work stream**



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BCC Renewable Energy - Completed

Completed:

- 900kW solar PV installed
- EU compliant Solar PV procurement framework
 - ❑ Up to £47m works
 - ❑ Corporate buildings and social housing



BCC Renewable Energy – In Progress

- Eight packages of corporate buildings planned under EU Framework
 - ❑ ~ 1.5MW / £1.8m through 2015
 - ❑ Package of three leisure centres completed.
 - ❑ M-Shed currently in construction
- 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 underway:

- 100kW on community centres and South Bristol Sports Centre

Community PV Competition:

- Launch on 1st April in conjunction with Pure Leapfrog consultants
- Further 550kW on BCC owned Buildings
- Installation summer 2015



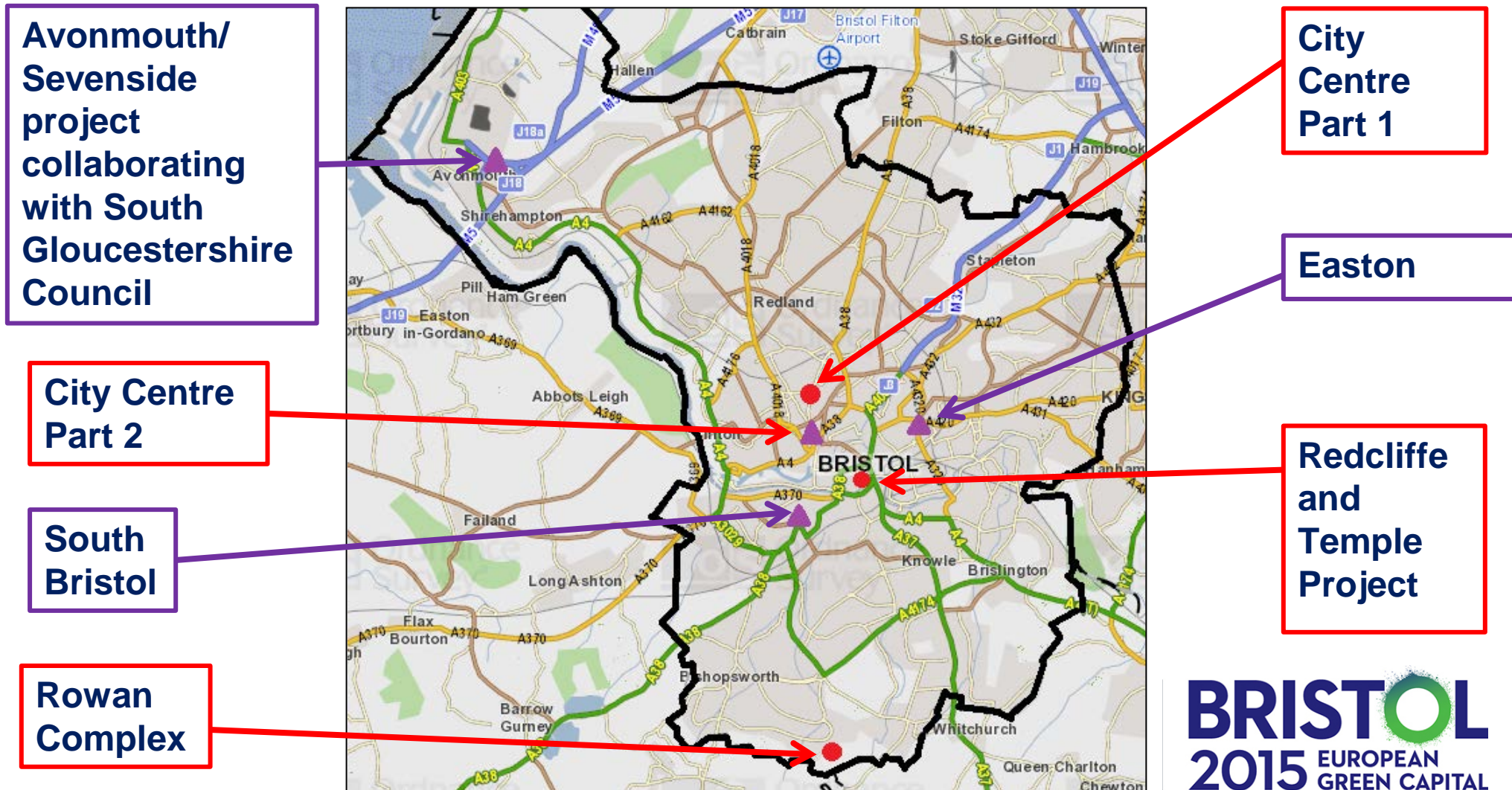
- **District Heating work stream**



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District Heating Projects

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



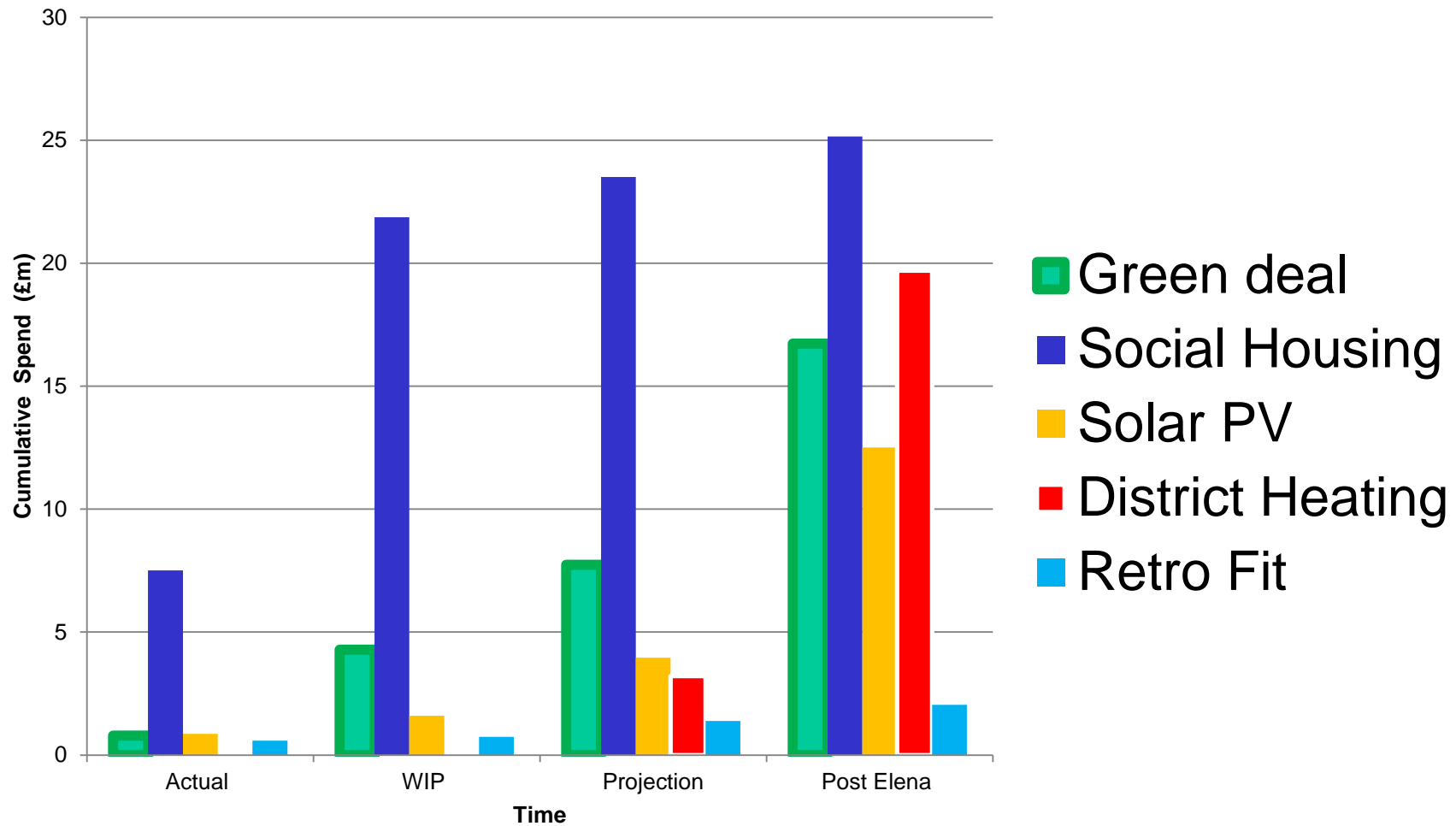
PROGRESS

- Total of £39m of leverage factor delivered by the end of September with another £12m in the pipeline
- Start of procurement exercise for district heating systems by the end of the ELENA period will ensure that we fulfil our leverage factor obligations under the contract
- Municipal Energy Company set up and fully operational
- Programme seen as exemplar at European level as a lot more delivered than originally anticipated



PROGRESS

Projected spend from BCC Energy Service workstreams



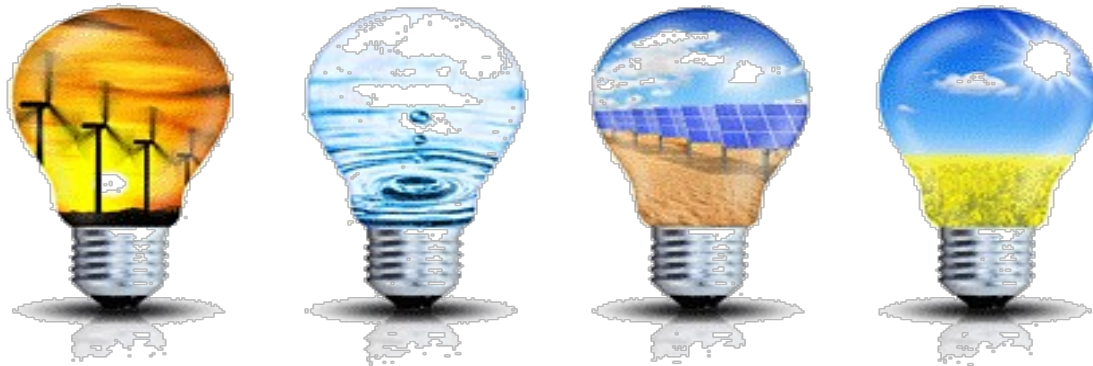
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