#### Jenny Howarth

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'BES Update and Opportunities'







# Birmingham Energy Savers Project Update & Supply Chain Opportunities

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#### Agenda

- What is Birmingham Energy Savers?;
- Current Streams of Activity;
- Future Phases;
- Phase 2 Supply Chain Requirements;
- Next Steps.







## The Birmingham Energy Savers Vision

Birmingham delivers wholesale eco-refurbishment of domestic and non-domestic buildings and becomes a leading hub of the low carbon economy

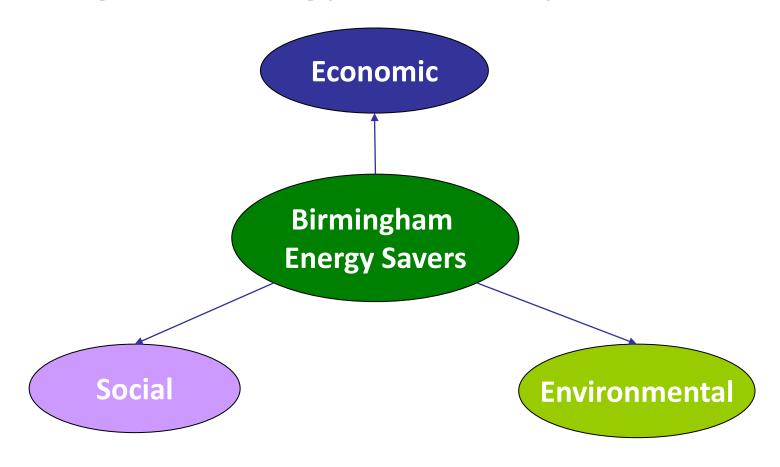








#### Birmingham Energy Savers Objectives









#### Birmingham Energy Savers Core Proposition

Well-trained front line staff



Encourage significant local investment in low carbon technologies



Installed by local firms



Encourages inward investment and manufacturing



Creates jobs



Saves CO<sub>2</sub>



Creates scarce, high skilled jobs



Creates more jobs and longterm wealth

Cuts fuel poverty

Improves health and built environment

Generates guaranteed 25 year income streams



#### **Current Streams of Activity**

#### Pay As You Save

- Pilot Project funded by DECC via EST - £400k;
- July September 2010;
- Variety of measures;
- c. 40 households;
- Interest free loan provided to householder;
- Contractor selected via at least 3 quotes, facilitated by BCC.

#### Birmingham Energy Savers

- Pilot Project funded by WNF -£461k;
- July October 2010;
- PV installations;
- Aston, Lozells and East Handsworth and Northfield;
- c.60 households & businesses;
- Procured through Birmingham Construction Partnership – Thomas Vale.





# BES Pilot Customers – Social Housing









#### Birmingham City Council

# BES Pilot Customers – Private, Vulnerable Households







# BES Pilot Customers – BCC owned Industrial Premises









# BES Pilot Customers – Commercial Demonstrators













#### The Future - BES Phases 2 & 3

#### Phase 2

- Up to £13m prudential borrowing;
- November 2010 March 2013;
- PV installations;
- Focus on existing BCC customers:
  - Tenants; Vulnerable Households; Commercial tenants;
- Potential to procure directly from installers and manufacturers.

#### Phase 3

- Public/ private partnership;
- Timing tbc;
- Variety of measures;
- Roll out BES to all Birmingham Households & Businesses;
- Operate at high volumes.







## BES Phase 2 Supply Chain Requirements

Birmingham Energy Savers -Phase 2

## 1. PV Installation

- CustomerEngagement
- Surveying
- Installation
- Scaffold

# 2. PV System Components

- Modules
- Inverter
- Mounting kits
- Cable & Clips
- Ballast

# 3. Measurement & Monitoring

- Remote monitoring
- Maintenance
- Feed in Tariff
   Administration

#### 4. Support Services

- Technical support
- Legal Services







#### **BES Phase 2 Supply Chain Outcomes**

- Quality assured, secure PV installations; inc. MCS accreditation;
- Customer engagement and satisfaction monitoring throughout the installation process;
- Value for money for BCC;
- Flexibility to adapt to the evolving project and market;
- Accessibility to local and small suppliers:
  - Use of 'Find it in Birmingham' throughout the Supply Chain;
- The creation of employment and training opportunities; and
- The use of environmentally and socially responsible suppliers.







#### BES Phase 2 - Next Steps

- Formulate Phase 2 procurement strategy September 2010
- Phase 2 procurement strategy approval September 2010
- Tender process commenced October 2010

All supply opportunities will be posted on 'Find it in Birmingham'







#### Thank You

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