



# Progress Report

## Renewable Energy Action for London (REAL)

**June to August 2005**





# Executive Summary

The Renewable Energy Action for London initiative has now been in operation for 22 months. This report gives an outline of our achievements to date, and our plans for the future.

1. 16 beacon installations have now been installed under REAL since project inception.
2. 7 further projects have full funding and planning permission secured.
3. REAL continues to work closely with new and existing partners to develop the 'on the ground' approach to the delivery of sustainable energy.
4. A rolling programme of press officer internships has been introduced to ensure greater publicity for issues surrounding sustainable energy in London.
5. The REAL Annual Conference is taking place in November. Please contact [naomi@cen.org.uk](mailto:naomi@cen.org.uk) for more detailed information.
6. REAL has been actively supporting planners and developers to implement new policy guidance surrounding renewable energy.
7. Feedback on the information found in this progress report, and indeed in general concerning REAL services, is most welcome. Contact details are provided at the end.



# The REAL Framework

The REAL initiative was set up to increase the number of renewable installations across the capital, by using the following framework:





# The REAL Partnership

Association of London Government

Supported by BRIDGE HOUSE ESTATES TRUST FUND

SEED Programme

New Opportunities Fund LOTTERY FUNDED

Funded by energy saving trust™

The London Borough of Barking & Dagenham

CROYDON COUNCIL

Harrow COUNCIL LONDON

HARINGEY COUNCIL

BARNET LONDON BOROUGH

Hounslow

BRENT COUNCIL

HILLINGDON London Borough

Royal Kingston

merton moving ahead

Newham London Borough of

LONDON BOROUGH OF RICHMOND UPON THAMES

Greenwich Council

Lambeth

Waltham Forest Property

City of Westminster

ScottishPower gas and electricity

eLONDON ENERGY

LSX London Sustainability Exchange

ENERGY SOLUTIONS NORTH·WEST·LONDON



# REAL Project Support I

REAL has, in the past few months, grown to include many of the services necessary for a complete, holistic approach to sustainable energy. The REAL Framework encapsulates the need for a three-pronged approach to tackling the barriers to sustainable energy uptake.

- ✓ The planner support service addresses key questions about sustainable energy, giving planning authorities the confidence to enforce renewable energy integration through the planning process. Specific support includes training services and a dedicated telephone advice line.
- ✓ Supporting developers to incorporate renewable energy in buildings at the design stage is critical to the success of any statutory policy that specifies renewable energy. REAL currently offers a support service to developers that includes options appraisals, feasibility studies, community engagement, planning liaison and installation support and management.
- ✓ REAL continues to grow its medium scale installation programme for community and not for profit organisations, which includes grant funding, planning assistance, installation management and publicity services. REAL is also managing the installation of various technologies on behalf of developers at a number of sites across London on new build developments and refurbishment projects.



# REAL Project Support II

This package of services is now being targeted in the following boroughs who are interested in receiving a greater depth and breadth of local sustainable energy support, and who are, in turn, supporting REAL more proactively.

- ✓ London Borough of Havering
- ✓ London Borough of Waltham Forest
- ✓ London Borough of Barnet

It is planned that these boroughs will soon receive, in varying degrees and capacities, support that is tailored to local energy requirements. The project team will provide greater assistance to promote renewable energy at a community level and engage more people in sustainable energy issues, whether these are individuals, community organisations, architects, developers or businesses.

The overall aim is to build the installed capacity of sustainable energy systems in these respective boroughs, helping to meet carbon emissions targets at both a local and regional level.



# Building Industry Capacity

## Installer and Supplier Networks

REAL, since inception in November 2003, has built up its installer/supplier networks in line with growing demand for renewable energy installations. There has been considerable growth and success in the areas of photovoltaics and solar thermal, and more recently a rapid increase in the number of wind turbine and ground source heat pump enquiries. The REAL industry network now includes:

Dulas Ltd  
CEL-F Solar Systems Ltd  
Chiltern Future Energy Ltd  
Chelsfield Solar  
Green Generation Ltd  
Solarworks  
Genersys

Nuaire Ltd  
Riomay  
AES  
Thermoserv  
Solargen  
Proven Energy  
Econergy

Solar Century  
Sustainable Energy Installations  
Econergy  
Cholwell Energy Systems  
Future Heating Ltd  
Dando International  
CPL Energy Systems Ltd

## There have been 16 beacon renewable energy installations through REAL to date:

YHA Rotherhithe	Rotherhithe	Photovoltaics	1.8kWp
YHA Rotherhithe	Rotherhithe	Solar Thermal	12m <sup>2</sup>
St James School	Thornton Heath	Photovoltaics	2kWp
St Joseph's School	Upper Norwood	Photovoltaics	1kWp
Octagon Cybercafe	New Addington	Solar Thermal	4m <sup>2</sup>
Virgo Fidelis School	Upper Norwood	Photovoltaics	1.5kWp
Thomas More School	Purley	Photovoltaics	2.5kWp
Peartree Solar Community	Merton	Solar Thermal	16m <sup>2</sup>
Parchmore Community C.	Thornton Heath	Solar Thermal	5m <sup>2</sup>
Robin Hood Infants	Sutton	Photovoltaics	1kWp
Robin Hood Primary	Sutton	Photovoltaics	1kWp
Valley Park Healthy Living C.	Broad Green	PV Tiles	3.5kWp
YHA St Pancras	Islington	Photovoltaics	1.8kWp
Gunnersbury School	Hounslow	Photovoltaics	1.5kWp
Burdette Coutts School	Westminster	Photovoltaics	1.2kWp
St James Catholic High	Barnet	Photovoltaics	1.5kWp



## The following projects also have full funding secured and planning permission in place:

Harrow Civic Centre	Harrow	Solar Thermal	6m <sup>2</sup>
National Maritime Museum	Greenwich	Photovoltaics	9kWp
Spa Hill Allotments and David Livingstone School	Croydon	Wind Turbine	2.5kW
Spa School	Southwark	Photovoltaics	1.5kWp
Battersea Dogs Home	Battersea	Photovoltaics	1.5kWp
Gwyn Jones Primary School	Waltham Forest	Solar Thermal	6m <sup>2</sup>



# Installations III

## These are the other sites that REAL is progressing toward installation:

Environmental Depot	Waltham Forest	Wind Turbine	15kW
Wellgate Community Farm	Romford	Wind Turbine	2.5kW
St James Catholic High	Barnet	Wind Turbine	2.5kW
St Peter's Church	Brockley	Combination	
Gearies Infant School	Redbridge	PV	1.5kWp
Oasis Trust	Thornton Heath	Combination	
Mount Stewart Infant School	Brent	Combination	
Twickenham Riverside	Twickenham	Combination	
Hyde School	Barnet	Combination	
Parkfield School	Barnet	Combination	
Surestart Centre	Barnet	Combination	

**In total, REAL has now provided renewable energy services to around 150 separate organisations across London.**





# Planner Support Service

Recent activities in London include the following:

-Promotion of Sustainable Energy Support Line for Planners: this is a dedicated helpline for planning officers with queries regarding energy policy and the integration of sustainable energy in new developments.

-Direct mailing campaign to 125 housing associations to promote REAL services, including support with developing energy strategies and planning advice.



Sustainable Energy  
Support Line For Planners

Telephone: 0845 678 0677  
Email address: [real@cen.org.uk](mailto:real@cen.org.uk)  
Hours: 9am - 5pm Monday to Friday

For advice on and support with:

- Development of sustainable energy policy
- Assessing energy proposals for new developments
- Use of the London Renewables' Toolkit
- Performance and feasibility of renewable energy technologies
- Preparing energy proposals for developments (for developers referred to service)



# Developer Support Service I

REAL is now providing renewable energy support and assistance to the following new developments:

1. Harris Academy - options appraisal & comparison of different renewable energy scenarios
2. Hanover Housing - care home development with planning support and procurement
3. Croydon Healthy Living Centre – renewable assessments, funding opportunities and procurement
4. Caring for Croydon – renewable energy solutions for 4 care home/sheltered housing developments
5. Greenacre – private and social housing clients

REAL is also developing an options appraisal tool that facilitates accurate assessments for renewable energy. A funding bid has been submitted to the EST to develop the program, which assists with energy related decision-making and will incorporate energy efficiency.



# Developer Support Service II

REAL offers training on renewable energy to architects, developers, and all people concerned with new developments and refurbishments. In the past quarter, we have carried out training with:

- Willmott Dixon Housing, 2 sessions.
- PRP Architects, training of sustainability teams from 5 of their offices nationwide

To promote developer support services more widely, we have also begun a marketing campaign to provide more in-depth information. Marketing materials have been sent to many of the developers operating in the London area.



# Raising Awareness

REAL has recently begun a rolling programme of internships for graduates interested in sustainable energy issues. The internship role focuses primarily around raising awareness of sustainable energy through a variety of channels, including developing new marketing strategies, building active regional and local press networks, organising launch events and promoting the REAL initiative more generally.

This is a key role if REAL is to achieve its aims. Ensuring press coverage of any sustainable energy issue, event or scheme is difficult, and if you have any details that you may feel useful concerning:

- i. local council newsletters
- ii. local press contacts
- iii. other potential promotional channels

then please contact Tara Vernon at [tara@cen.org.uk](mailto:tara@cen.org.uk)



# The REAL Partnership

REAL can offer this kind of in depth support to other boroughs too. If you would like to see more sustainable energy activity in your borough, then please contact us. We will be happy to discuss any ideas for working more actively and in closer partnership with you.

The partnership approach is vital if REAL is to achieve its core aim of increasing the uptake of renewable energy in London. All current partners can be viewed at:

[http://www.cen.org.uk/real/REAL\\_partners.asp](http://www.cen.org.uk/real/REAL_partners.asp)

There are of course boroughs in which, up to now, REAL has been more active, whether this be as a result of geographical proximity or simply through the partnership building process. However, we are always looking to expand the partnership and are seeking new and innovative ways to ensure that renewables uptake is maximised. Something as simple as having a council logo can make a vital difference to whether an organisation accepts REAL support.



# The 2<sup>nd</sup> REAL Annual Review

REAL will be 2 years old in November. To mark the occasion, REAL will be organising a 1 day conference that will look at the future of building integrated renewable energy in London, providing you with ample opportunity to help shape the REAL initiative.

The event will be taking place on the 23<sup>rd</sup> of November, at the Royal Horticultural Halls and Conference Centre, and will begin at 10:00 (09:30 registration) finishing at 16:00. Lunch and refreshments are included, and there may be a drinks reception at the end of the day. There will plenty of opportunities to meet others working in the renewable energy field, as well as manufacturers who will be running Q&A workshops on the various technologies.

The event is free to attend, but many places have already been taken so please book early. Contact [naomi@cen.org.uk](mailto:naomi@cen.org.uk) for more information and to book your place.







# Further Information

**For more information about REAL, or if you have a renewable energy project in mind, please contact the REAL initiative Project Manager, Phil Jackson:**

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