



Building Efficiency



About Us



About Us



Unrivalled expertise to help clients unlock energy efficiency.

We plan, manage, fund and deliver carbon reduction and renewable energy projects across the UK. Our services are designed to help businesses and public sector organisations manage rising energy bills through energy efficiency initiatives. We cover all aspects of project design and development, consulting support, surveying, accessing financing and funding, programme delivery and compliance.

Our knowledge in the energy efficiency space is unparalleled. We combine this with our strong partner network, across every aspect of funding and project delivery. This means we can plan, manage, fund and deliver energy efficiency projects across the UK, no matter how big or small. Our professional services include:



Design & finance of low carbon projects. In the last 3 years we've secured £40m in project finance for our clients.



Surveying. Our in-house surveying divisions undertake a broad range of surveying services from basic stock assessments to more complex SAP modelling and specialist technical surveys such as gas, electric, fire and water risks.



Energy Consultancy. We provide client support across a broad range of areas including metering, fuel poverty, research & innovation, energy supply and social programmes such as Warm Home Discount.

Our Team

Gearóid Lane

Chief Executive Officer

Formerly a member of the British Gas Executive Committee, Gearóid built its new growth businesses from startup to 4,000 employees to deliver substantial turnover and profit. As well as leading these growth businesses in smart meters, insulation, energy efficiency, microgeneration, social housing services and new technologies, he previously led Centrica's entry into the UK power market via acquisition and development of CCGT, offshore wind and emissions trading. Gearóid previously served as a Member of the Green Economy Council, Renewables Advisory Board, Chair of the Energy Retail Association and Director of the Energy Saving Trust and maintains long-standing relationships with Government officials and industry professionals.

In his spare time, Gearóid is also Vice Chair of The Mix, a charity providing essential support in the form of a free, confidential helpline for young people under 25.



Knowledgeable



Networked



Flexible



Independent

Our Team

Jon Kimber

Managing Director

Formerly a senior Managing Director at British Gas, Jon led the growth of today's largest domestic energy efficiency business in the UK offering solar, heat pump and biomass energy as well as cavity wall, loft and external wall insulation. His most recent role was Managing Director for British Gas New Energy (BGNE). Jon has successfully delivered many of the largest and most successful community energy saving projects including complex schemes combining insulation, glazing, solar, communal heating, renewable energy and other measures.

Responsible for the delivery of the UK's largest regulated carbon obligations, Jon is one of a small handful of people with deep knowledge of these complex mechanisms and has worked closely alongside industry colleagues and Government officials to help shape the country's domestic carbon reduction policy.



Knowledgeable



Networked

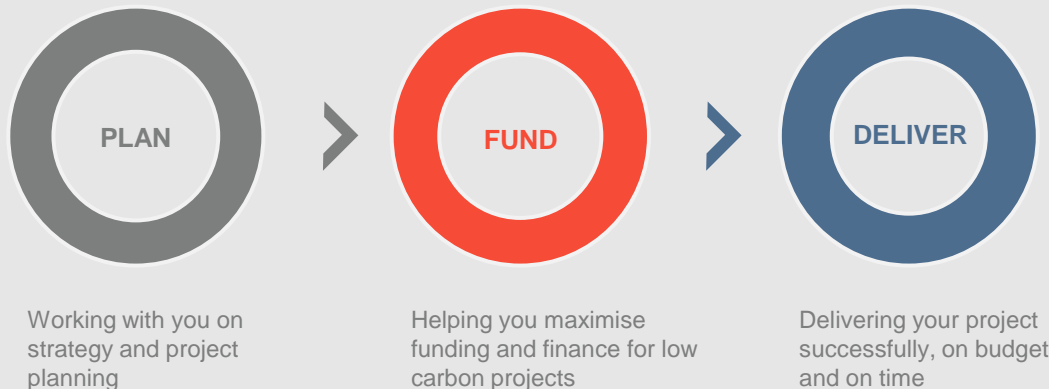


Flexible



Independent

Strength & Experience



From concept through to delivery, we can help you meet your energy efficiency and sustainability targets.

We know that our strength lies in the breadth of the services we offer. We provide a full service, delivering value-for-money, flexible energy efficiency programmes, delivered at whatever scale and speed you require. Our clients value our transparent approach and ability to maximise available funding and subsidies, as well as access low-carbon finance, to accelerate their plans.

Our Services



Energy Consulting

We provide consultancy services to help you on all aspects of energy efficiency and carbon reduction. We're here to help, whether you need to:

- understand Government policy and how it may affect you
- develop your energy efficiency or low carbon strategy
- maximise the funding opportunity from sources such as Renewable Heat Incentive and the Energy Companies Obligation
- create delivery plans to get projects off the drawing board
- critique existing proposals and offers to ensure best value
- begin a procurement exercise or select a partner.

Our complete independence ensures that we find best value for our clients to maximise the opportunities in energy efficiency and renewable energy. Coupled with this, our deep sector knowledge ensures you always get our best advice.



Surveying & Reports



Through our AgilitySurvey team, we provide the solutions to all of your property surveying needs in order to help homes, businesses and public sector organisations manage energy efficiency initiatives and statutory marketing requirements.

Our qualified team of surveyors have the experience and technical know-how to produce Energy Performance Certificates, Green Deal Advice Reports and Chartered Surveyor Reports. We can also help you meet the increasingly technical demands of the renewable energy, insulation, heating, electrical, fire and water risk sectors by offering:

- Stock condition surveys
- Legionella Risk Assessments
- DECs, EPCs and non-domestic EPCs
- Technical surveys for cavity wall and external insulation
- Floor plans for property marketing
- Carbon reduction calculations & technical monitoring for ECO
- SAP and U-Value calculations
- Advice on Minimum Energy Efficiency Standards
- Heat Metering and Billing Regulation advice
- PAS2030 Assessments
- Fire & Water Risk Assessments
- Gas Auditing and technical specifications


AgilitySurvey


AgilityEco

Funding & Finance



Low Carbon Funding & Finance

There is a complex web of funding and finance options for energy efficiency and renewable energy projects of all shapes and sizes. We can guide you through the options and ensure you find the right funding and finance solution for your project. Some examples include:

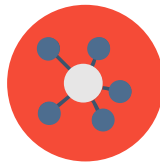
- commercial debt or equity financing
- funding for domestic energy efficiency improvements under the Energy Company Obligation
- funding for larger-scale low carbon and renewable facilities via Renewables Obligation Certificates or the EU Emissions Trading Scheme
- government or other grants such as the Rural Community Energy Fund, the Low Carbon Networks Fund, Green Deal Communities and the Central Heating Fund

- attractive loan finance targeted specifically towards energy efficiency and low carbon projects through bodies such as Salix Finance and the Carbon Trust
- incentive payments for renewable energy production such as the Renewable Heat Incentive and Feed-in-Tariff.

ECO Funding

We're a leading ECO broker with unmatched experience in the utilities sector, coupled with a deep knowledge of the UK Government's carbon reduction obligations. We have long-term, trusted relationships with many of the energy suppliers and contracts to provide them with ECO carbon credits to meet their obligations. Whether you are an energy company requiring ECO carbon credits, an installer in need of ECO funding or a housing provider looking for funding support for retrofit projects, we can help.

Technology Experience



The energy landscape is evolving. There are a number of converging technologies driving the UK's new 'energy economy' and we pride ourselves on staying ahead. Alongside our growing network of partners, we have a wealth of technology experience enabling us to design and deliver cutting edge carbon reduction and renewable energy projects.

Our success with solar photovoltaic technology for a number of local authorities across the UK has paved the way for us to introduce less mature technologies to our clients. These include energy storage and battery technology to complement our rooftop solar work, working with the wider 'energy internet' and using an array of interconnected devices to help produce, store and monitor energy usage.

AgilityEco's pioneering [URBANEER](#) project with [BRE](#) and financed by DECC has used the Internet of Things (IoT) to monitor energy and environmental factors in three tower blocks before and after retrofit works. The advanced technology we have used on URBANEER will have a real impact on health-related issues stemming from fuel poverty and we strive to include equally impactful technology solutions across all our low-carbon projects.

Project Management



We've built and delivered some of the some of the largest and most successful energy efficiency and low carbon programmes in the UK

At AgilityEco we can help you at every step of the way to help realise your energy efficiency and carbon saving projects.

We take a methodical yet flexible approach to every step of the process, whether we are involved in just a part of the journey or are providing an end-to end service:

- **Consultation** - understanding your strategy objectives and needs
- **Analysis** - analysis of property and funding options to give you choices
- **Best value** - obtaining quotes from multiple sources to ensure optimum funding
- **Delivery** - working to your timeline via our AgilityEco Partner Network to deliver holistic solutions.

We have the skills and expertise to ensure smooth delivery of even the most complex projects. We'll look after every aspect from design, project management, troubleshooting through to monitoring, measuring and reporting. Our complete independence ensures best value for our clients on every project we undertake.



We're proud that some of the UK's most respected and trusted organisations are our clients.

Our Clients



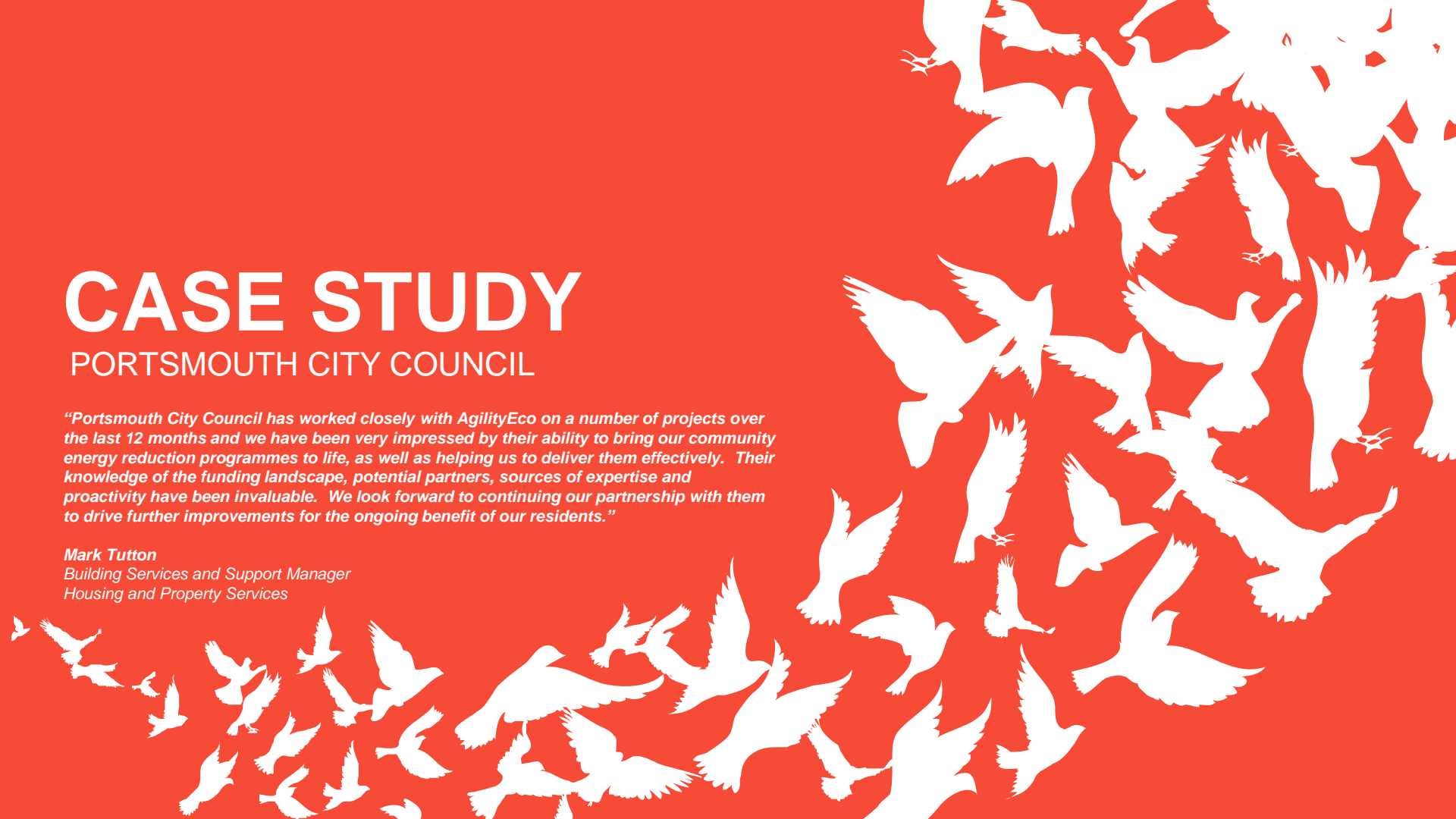
CASE STUDY

PORTSMOUTH CITY COUNCIL

“Portsmouth City Council has worked closely with AgilityEco on a number of projects over the last 12 months and we have been very impressed by their ability to bring our community energy reduction programmes to life, as well as helping us to deliver them effectively. Their knowledge of the funding landscape, potential partners, sources of expertise and proactivity have been invaluable. We look forward to continuing our partnership with them to drive further improvements for the ongoing benefit of our residents.”

Mark Tutton

*Building Services and Support Manager
Housing and Property Services*





Client
Portsmouth City Council

Sector
Local Authority

Service
Funding & Finance

Project Value
£2.3 Million

CLIENT OBJECTIVE

Delivering energy improvements across Portsmouth.

Following a tender exercise, AgilityEco was selected by Portsmouth City Council to advise them on a range of energy issues, ranging from stock assessment, identification of ECO funding opportunities across their stock and planned maintenance schedules, appointment of contractors and the delivery of energy efficiency improvements, managing the end-to-end supply chain and associated compliance.

OUR APPROACH

We combined our technical and commercial know-how to deliver innovative, cost effective energy saving projects for Portsmouth City Council, providing a full end-to-end service from initial consultation and advice, right through to surveying, solution design, funding, delivery and compliance.

Our approach to each of these steps was methodical and rigorous, enabling Portsmouth City Council to maximise the energy reduction improvements they could deliver. AgilityEco project managed the whole programme, which involved:

- a comprehensive stock data analysis that enabled us to select appropriate properties
- detailed property assessments of over 3,000 properties across Portsmouth to identify carbon / energy saving potential and determine required budget
- detailed analysis of two tower blocks to assess options for thermal improvement, ECO/Green Deal funding and the impact on energy bills for both residents and Portsmouth CC, with a key objective of tackling fuel poverty
- assessment of funding options and securing ECO funding to cover over 90% of the budget, supply chain procurement and tendering process
- full ECO compliance, quality and technical monitoring.

OUR SOLUTION

The strategy devised for Portsmouth City Council is worth in the region of £2.3m consisting of the following:

- Specification of full retrofit works to improve the energy efficiency of two priority high-rise buildings, whilst improving durability and maintenance costs
- Identification of other opportunities for Portsmouth City Council to optimise ECO funding across their housing stock such as hard-to-treat cavity wall properties and the installation of “secondary” energy efficiency measures
- An accurate forecast of the ECO carbon credits available from providing energy efficiency measures to these properties as well as indicative costings
- A feasible, transparent project which provided best value to Portsmouth City Council.

CASE STUDY

POPLAR HARCA

"We're excited that, with the help and expertise of AgilityEco, Poplar HARCA is releasing the potential of solar PV for the benefit of its residents and the environment. We are keen, where possible, for our residents to start realising real savings through these new communal energy efficiencies and for all to reap the rewards from our Community Energy Scheme. AgilityEco has created a unique offering for our energy efficiency and sustainability strategy and we are delighted with the progress and success of the project so far and our continued relationship with both AgilityEco and Pellings."

Nick Martin
Environmental Innovation Coordinator
Poplar HARCA





Client
Poplar HARCA

Sector
Housing Association

Service
Project Management

CLIENT OBJECTIVE

Unlocking the value of solar PV for Poplar HARCA

Poplar HARCA is a registered social landlord which owns and manages around 9,000 homes in Tower Hamlets, East London. In 2014 Poplar HARCA engaged AgilityEco, alongside Pellings, to create and deliver an energy efficiency and sustainability strategy, for the benefit of its residents. In the project's first phase, cavity wall insulation was installed in 1,300 Hard-to-Treat flats. For the second phase of the strategy, Poplar HARCA decided to trial a solar photovoltaic (PV) installation, to help it assess the feasibility and practicalities of a larger rollout of solar PV across its portfolio.

OUR APPROACH

AgilityEco provided end-to-end support to Poplar HARCA in its solar PV trial. Beginning with desktop roof assessments and field surveys, AgilityEco was able to identify suitable properties for the trial. Further work included detailed financial modelling, full technical specification and design as well as conducting the tender process to select a suitable installer. AgilityEco was the main contractor for these solar PV installations.

Given the dense urban location, most of Poplar HARCA's housing is in multi-storey residential blocks, many of them flat-roofed. Four blocks in Poplar HARCA's portfolio (a total of 420 dwellings) were earmarked for the first phase of the project, three flat roofed and one pitched roof.

One particularly interesting aspect was that, with our support, Poplar HARCA used this trial to assess an innovative technology. Two of the selected blocks were identical 'side by side' rooftops. One was fitted with conventional "string" inverters (where multiple solar panels are connected to a single DC/AC inverter) and the other with Enphase micro-inverter technology (each panel is connected to its own individual inverter). It is claimed that micro-inverter technology significantly increases the annual production from a solar installation, particularly where "shadowing" occurs. This trial will give Poplar HARCA the opportunity to assess the financial case for a broader use of micro-inverters across a much larger planned solar PV rollout.

OUR SOLUTION

In partnership with community sustainability funding specialist GeoCapita, AgilityEco also secured FIT pre-registration for approximately 60 of Poplar HARCA's residential blocks, alongside a larger number of blocks for other councils in London.

This will enable the rollout of solar PV to these blocks, enjoying FIT returns at the higher rates that were in place prior to the government announcements at the end of 2015. This rollout will be executed and financed via a community benefit scheme where the profits from solar generation are ploughed back into the local community to improve energy efficiency, fuel poverty and carbon emissions.

Lower communal electricity bills will be passed onto Poplar HARCA's residents in some blocks through reduced service charges. Poplar HARCA is also enjoying financial returns via Feed-in Tariff (FIT) and export payments. These returns will be invested back into the community through a new Community Benefit Fund which aims to support community projects, improve energy efficiency and reduce fuel poverty in this hard-pressed London borough.

CASE STUDY

ENFIELD COUNCIL

"AgilityEco has provided consistent, highly organised consultancy and support to everyone involved in delivering this project for Enfield Council. For us in particular, AgilityEco quickly secured our ECO funding and seamlessly managed compliance requirements, enabling us to focus on installing Enfield's heat pump systems. The overall result is a potential saving of as much as £500 a year in energy costs for each family."

Andrew Sheldon
Managing Director
Ice Energy Heat Pumps





Client
Enfield Council

Sector
Local Authority

Service
Energy Consulting,
Funding & Finance

CLIENT OBJECTIVE

Advising on communal heating solutions for Enfield Council.

Enfield Council commissioned AgilityEco to undertake a feasibility study for communal heating replacements across 12 large residential tower blocks with failing electric underfloor heating. AgilityEco had previously advised and overseen building refurbishments works to 4 tower blocks on the Exeter Road Estate, resulting in the installation of external wall insulation, glazing and flat roof insulation, financed partly by approximately £1 million of ECO funding. AgilityEco assessed the various communal heating options for Enfield Council, including the technical considerations, costs, financial returns and the various financing options (e.g. ECO, RHI). The assessment could then be broadly applied to the other blocks, all of which are very similar in design and build.

OUR APPROACH

We produced an estimate of the capital, operating costs and technical considerations of the different options considered for communal heating replacement.

This analysis enabled us to narrow down the technology choices for the communal heating replacement.

Detailed assessment and modelling of the carbon savings was completed. This was also used to inform the potential for ECO and RHI funding where applicable.

On one of the Exeter Road tower blocks we conducted a thorough carbon saving assessment by completing a detailed Standard Assessment Procedure (SAP) assessment.

OUR SOLUTION

Combining the work on capital and operating costs with our assessment of the ECO and RHI funding potential has enabled us to rank the communal heating replacement options and recommend an optimal way forward for Enfield Council.

We continued to support Enfield Council through the design, procurement and installation phases of the project.

Enfield Council eventually selected an innovative ground source heat pump design, with a communal loop feeding individual heat pumps in each dwelling.

AgilityEco also secured ECO funding for the heat pump contractor overseeing all compliance requirements for the energy company funder.

CASE STUDY

OFGEM

"We're really proud to have undertaken this piece of consultancy work for Ofgem. It is a really important first step in a process to ensure that nearly 160,000 people without direct connection to the electricity grid are able to apply for the same level of WHD as those who are. Park home residents are often elderly, vulnerable to adverse weather conditions and their homes are likely to be thermally inefficient. Their heating bills are typically very high as park homes are usually heated by expensive fuels such as bottled gas and electricity. This results in a high incidence of fuel poverty amongst park home residents. £140 of WHD support, combined with energy efficiency advice, will make a big difference for many hard-pressed residents. We're pleased to be involved in this industry initiative and that our quality energy consultancy was recognised by Ofgem."

Gearoid Lane
CEO
AgilityEco





Client
OfGEM

Sector
Businesses

Service
Energy Consulting

CLIENT OBJECTIVE

Advising Ofgem on a trial initiative to extend the Warm Home Discount to park home residents

AgilityEco was appointed by Ofgem to offer consultancy support in developing an important trial initiative to extend the availability of the Warm Home Discount (WHD) to residents of park homes. WHD is a key policy in the government's programme to tackle fuel poverty and the effects of rising energy prices on low income households. It is delivered as a £140 discount through eligible customers' winter electricity bills. As those living in park homes typically do not have a contract with any energy supplier, they have historically been excluded from receiving any WHD. Ofgem, the scheme administrator, has taken the lead to ensure that the opportunity to help park home residents is developed.

OUR APPROACH

The trial scheme aimed to deliver energy advice and offer a rebate of £140 to qualifying residents living in park homes.

Drawing on AgilityEco's extensive experience, Ofgem embarked on the creation of a park homes industry initiative, to be run by a third party delivery partner and with the support of at least one park home residents' association.

AgilityEco was identified to have the specific expertise and ability to deliver the required consultancy support to Ofgem. Following the appointment, AgilityEco was commissioned to project-manage the design and launch of the trial scheme, which is now successfully delivered and runs through until the end of March 2016.

OUR SOLUTION

On successful completion of the trial, it is expected that, subject to government's final scheme design for next year, and funding commitment from the energy suppliers, the trial will be scaled up to a full national roll-out.

AgilityEco is now working with Ofgem on a report detailing all the necessary steps to scale up the trial "Park Home Industry Initiative".

It has built a financial "value for money" case for the initiative, to demonstrate the cost effectiveness of extending the scheme to the wider park home resident community, as well as a more general report identifying the key steps involved in mobilising a group-funded Industry Initiative.

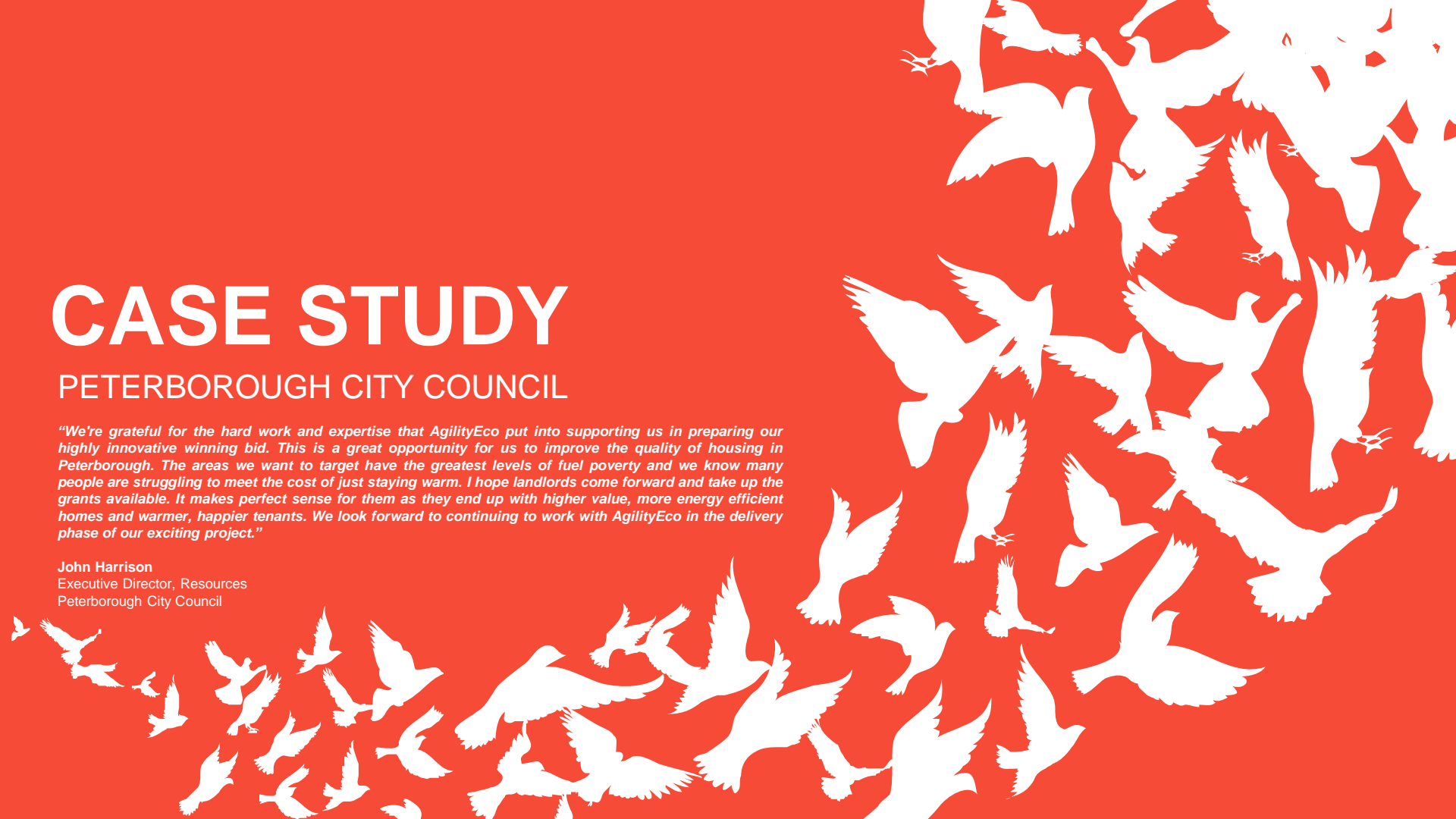
CASE STUDY

PETERBOROUGH CITY COUNCIL

"We're grateful for the hard work and expertise that AgilityEco put into supporting us in preparing our highly innovative winning bid. This is a great opportunity for us to improve the quality of housing in Peterborough. The areas we want to target have the greatest levels of fuel poverty and we know many people are struggling to meet the cost of just staying warm. I hope landlords come forward and take up the grants available. It makes perfect sense for them as they end up with higher value, more energy efficient homes and warmer, happier tenants. We look forward to continuing to work with AgilityEco in the delivery phase of our exciting project."

John Harrison

Executive Director, Resources
Peterborough City Council





Client
Peterborough City Council

Sector
Local Authority

Service
Green Deal,
Project Management

Project Value
£12 Million

CLIENT OBJECTIVE

Helping Peterborough City Council secure £4m from DECC's Green Deal Community Fund.

In 2013 DECC launched the Green Deal Communities Programme, and invited local authorities to bid for a share of an £88m capital fund. Peterborough City Council was keen to submit a bid in order to achieve a number of their HECA plan objectives. But their lack of knowledge and experience in the Green Deal programmes and tight resource constraints was a significant hindrance to preparing a compelling, deliverable bid.

OUR APPROACH

AgilityEco was selected to lead and resource the bid process because of its deep understanding of the Green Deal and ECO market place, its relationship with the DECC team and its knowledge of the regulatory and political drivers influencing the selection process.

AgilityEco led this bid from the front, developing a novel, leading edge proposal that caught the attention of the DECC funding team.

We conducted a rapid assessment of the property stock and housing situation/issues in the city and the programmes already in place, liaising across the housing, environmental, legal and strategic teams in the council as well as their existing strategic ECO partner.

The results were then cross-matched with the objectives and pre-requisites of the Green Deal Communities Programme (including State Aid rules) and a recommendation was made.

OUR SOLUTION

We prepared the full bid on behalf of the council. It focused on a large deprived area of the city with an ethnically diverse population living as private tenants mainly in old solid wall properties with poor insulation and heating.

We devised a financial proposition to attract both private landlord and tenant as well as owner occupiers using Green Deal Finance, ECO contributions and the money from the capital fund, together with the marketing strategy and support programme.

Peterborough City Council was awarded the full £4m fund they applied for.

AgilityEco was then appointed to provide the roll-out and management of the programme for the following 15 months.



Building Efficiency

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