



M&S ENERGY

**COMMUNITY
ENERGY FUND REPORT
2016**

M&S

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Spend it Well





M&S has a long tradition of supporting the local communities where we operate. We believe that a successful economy is entirely dependent on a successful society – and strong communities are integral to this. Which is why, when we launched Plan A 2025 earlier this year, we committed to helping transform the communities we serve. Projects like the M&S Energy Community Energy Fund show the lasting difference we can make to people’s lives – thanks to the community groups who apply and the public voting in support of them. Together, through the M&S Energy Community Fund, we want to help at least 200 communities to reduce their carbon footprint through the installation of renewable energy generation or energy efficient measures by 2025.”

MIKE BARRY,
DIRECTOR OF PLAN A



THE M&S ENERGY COMMUNITY ENERGY FUND

WELCOME

IN 2016, THE M&S ENERGY COMMUNITY ENERGY FUND (CEF) RETURNED FOR ITS SECOND YEAR WITH £350,000 AVAILABLE FOR PROJECTS INTENDING TO INSTALL RENEWABLE TECHNOLOGY AND ENERGY EFFICIENT PRODUCTS IN THEIR COMMUNITIES. ALONGSIDE CAMPAIGNING FOR VOTES, THE 2016 COMPETITION ALSO SAW 37 PROJECTS CROWDFUND AND RAISE AN ADDITIONAL £24,673 TO HELP FUND COMMUNITY ENERGY INITIATIVES.

The M&S Energy CEF has played a key role in our Plan A programme and ties in with the work we have done over the past ten years to improve our social and environmental impact, both in our stores and the communities we serve.

Earlier this year we launched Plan A 2025, which set M&S Energy the target of helping at least 200 communities to reduce their carbon footprint through the installation of renewable energy generation or energy efficiency measures, including battery storage.

As a business, we're determined to play an active role in enabling our customers to have a positive impact in their communities by giving something back. For every M&S Energy account, we donate £1 to the M&S Energy CEF each year*, to support community energy projects and initiatives.

PARTNERSHIP

To support with the delivery of the competition we partnered again with Energysshare, who played a key role in supporting the projects as they went through the various stages of the competition. Their expertise and knowledge was particularly helpful to those projects who this year decided to crowdfund. The 2016 competition also saw us work with The Social Innovation Partnership, who carried out analysis on the additional impact that each of the installations had on the local community. Further information about their findings can be found on the following pages.



HOW DOES IT WORK?

This year there were two funding pots available to support projects that wanted to use renewable energy or technologies to provide community benefits:

1. 19 regional funding pots for projects which required a maximum of £12,500. In total, £201,653.40 was awarded to the regional winners.
2. Any remaining funds from the regional winners funding were awarded to the most inspiring projects, as judged by a panel of renewable energy experts. £71,996.43 was awarded to 6 Judges' Prize winners.



As a 100% green energy supplier, supporting those who share our vision of a sustainable future through renewable energy is really important to M&S Energy. Following the successful launch of the M&S Energy Community Energy Fund last year, we wanted to ensure that this year even more projects and communities reaped the benefits. Through the hard work and dedication of communities across the UK, we're immensely proud that this year saw a record number of projects apply, with an unprecedented amount of carbon savings and votes cast."

JONATHAN HAZELDINE,
HEAD OF M&S ENERGY

THE COMPETITION

WHAT WERE THE OUTCOMES?

THE RESULTS

IN TOTAL, 199 COMMUNITY GROUPS FROM ACROSS ENGLAND, SCOTLAND AND WALES ENTERED THE COMPETITION. INITIAL SHORTLISTING WAS CARRIED OUT BY THE M&S ENERGY COMMUNITY ENERGY FUND TEAM AND LED TO 125 PROJECTS FROM 19 DIFFERENT REGIONS BEING SHORTLISTED FOR THE VOTING STAGE OF THE COMPETITION.

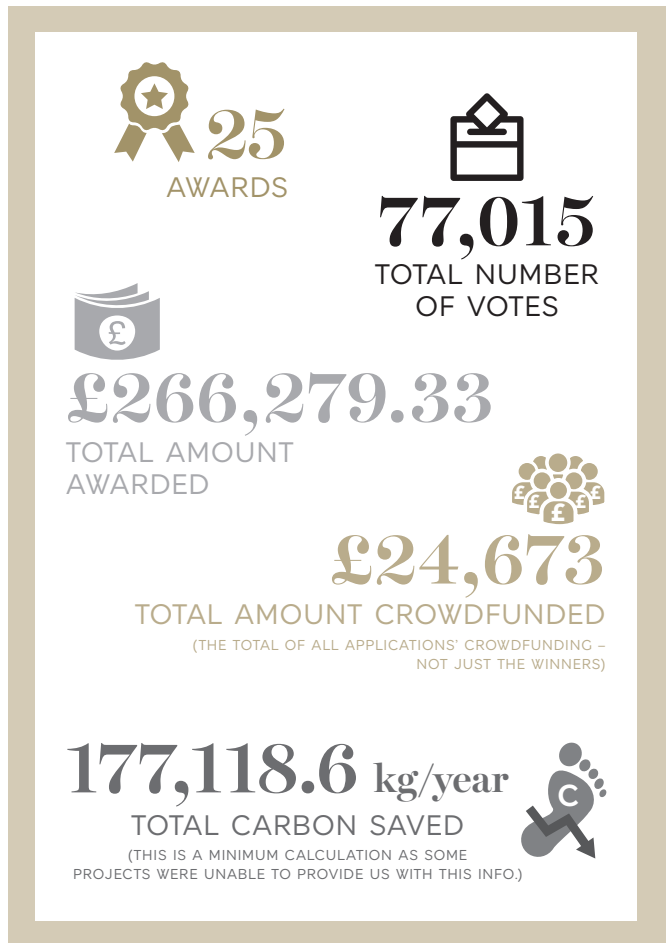
The winners, like the previous year, were again decided by public vote. Over the next 46 days, projects campaigned to top the leaderboard in their region. As part of their campaigning, many projects visited their local M&S store to showcase their project and encourage shoppers to pledge their support. This year's competition also saw several projects come up with creative and innovative social media campaigns to promote their project online.

Over 78,000 votes were eventually cast from across the UK to decide the winning projects, with some receiving over 3500 votes. As you will see in the following pages, the 19 winning projects proved to be worthy winners, with a diverse range of technology and energy efficiency schemes topping the leaderboards across the county.

THE JUDGE'S PRIZE

In addition to the 19 winners from the public vote, the M&S Energy Team shortlisted 20 projects for further review by the judging panel. Following much debate and discussion, the judges awarded funding to 6 projects that most reflected the M&S core brand values of integrity, innovation, inspiration and being in touch with their community.

You can read all about all our winners and the impact that the M&S Energy CEF has had on their communities over the following pages.



REGIONAL WINNERS

DIVERSE PROJECTS TOPPING THE LEADERBOARD



REGIONAL WINNERS

CASE STUDY

HOME COUNTIES NORTH

GLAMIS HALL ROOFTOP SOLAR PANELS

GROUP SUMMARY

GLAMIS HALL IS A COMMUNITY CENTRE IN WELLINGBOROUGH, NORTHAMPTONSHIRE.

It consists of a wellbeing centre for the over 50s, a large sports hall with a kitchen and servery, a community meeting room, and sports changing rooms. After being closed by Wellingborough Council in 2014, Glamis Hall reopened as a charity run by volunteers and relatives of clients in January 2015.

The Hall's many daily visitors, who range in age from 51 to 103, help to decide the programming. Regular activities include a Monday to Friday lunch club, yoga, raffles, and bingo. They have a shop on site and host visits from hairdressers, optometrists and district nurses– making it easy for their clients to access the services they need with minimal travel. Glamis Hall's mission is to provide an affordable community hub for the residents of the Borough of Wellingborough and the surrounding areas.

“Glamis Hall are able to keep their charges low because of the money they will save in electricity costs.” SURVEY RESPONSE FROM COMMUNITY MEMBER

Since it reopened, costs at Glamis Hall have been kept low at less than half the cost of other day centres nearby. With energy prices on the rise, costs for the organisation were likely to increase, and as the running costs are mostly funded by the payments from clients, so were the costs for the clients. Since Glamis Hall is intent on being an ethical and sustainable organisation, it was a “no brainer” to look into installing solar panels.

They came across the M&S Energy CEF as they were looking for funding to help them keep costs down. In order to engage the community and secure votes in the competition, Glamis Hall made use of the banner provided by M&S, letting it stay up during the various events and functions hosted at the hall in order to spread the word. They were able to draw on a strong network of supporters from the local community, including clients' family members and a large pool of volunteers.

A grant from the M&S Energy CEF enabled Glamis Hall to install solar panels on the roof of the centre. The installation took roughly one week and the first switch-on happened on the same day as the annual staff, volunteer and client Christmas party, where they made a big announcement to everyone who came.

For many residents, the installation offered a chance to learn more about energy efficiency in general and solar panels in particular. Many have since gone on to make changes in their own lives, such as having smart meters installed.

Since the installation, Glamis Hall are generating much of their own energy – helping to reduce the cost pressure and ensuring funds can be spent on projects for local people. The installation also enabled Glamis Hall to secure a further grant in order to purchase electric cars that can be used to transport clients to and from the hall and on excursions.



“The reduction in cost means that we can give more to clients, which makes employees and volunteers happier.”

SASHA, EMPLOYEE

Glamis Hall doesn't plan to stop here – already, they are thinking about further changes that would help make the centre even more energy efficient. In future, they hope to switch to low energy LED lighting throughout the facility and double glazed windows. Hopefully this is just the beginning.

THE VIEW FROM THE COMMUNITY

Of the **33 community members** who completed a survey about the project's impact:

64% reported that the project had inspired them to take steps to reduce their own energy use

45% reported that they had personally benefited from the project

88% reported that the community had benefited from the project

These community members also reported:

24% increase in knowledge about solar panels

23% increase in knowledge about the benefits of saving energy

30% increase in knowledge about ways of saving energy

18% increase in motivation to save energy

REGIONAL WINNERS

CENTRAL EAST

POWER TO OLLERTON

GROUP SUMMARY

THE LIFSPRING CENTRE IN NEW OLLERTON IS AIMING TO DEVELOP THEIR PREMISES AS A “GREEN” FOCAL POINT WITHIN THE COMMUNITY, IN TURN ENABLING THE CENTRE TO ACHIEVE MORE SUSTAINABILITY.

Equipping the Centre with solar power using the M&S Energy CEF Grant money will enable the Centre to be sustainable for the next generation and beyond and heighten awareness of the importance of green energy.

They have redeveloped an old Methodist Church into a multi-purpose community hub. Much thought has been put into the design in order to meet community needs, be that accommodating more than one group at a time or providing a break-out space for a group. The whole project cost £650,000 to complete. They now trade through the café, rent rooms and run a memory café for people with dementia.



GROUP COMMENTS

“ Through participation in the competition we increased social engagement and interacting with the community through campaigning and getting votes and tracking them; we also developed IT skills such as using Facebook and email.”

VOTES:	1661
AWARD:	REGIONAL
REGION:	CENTRAL EAST
AMOUNT AWARDED:	£2,500
AMOUNT CROWDFUNDED:	£530
CARBON SAVINGS:	4725.8 kg/year
INSTALLATION/SIZE:	SOLAR PV 9mw
HOW MANY PEOPLE USE THE FACILITY?	14,455

CENTRAL WEST

DON'T LET THE SpArC GO OUT

GROUP SUMMARY

SPARC LEISURE THEATRE SERVES THE TOWN OF BISHOP'S CASTLE AND WIDER COMMUNITY OF VILLAGES, HAMLETS AND NUMEROUS SMALL SCHOOLS IN RURAL SHROPSHIRE AS A SPORTS CENTRE AND STUDIO THEATRE.

With the daunting prospect of losing Council funding in March 2017, SpArC looked to the M&S Energy CEF to install a swimming pool cover to reduce overnight heat loss by up to 15%, sustainably cutting running costs to keep the pool open for children to learn to swim. They estimate to save 63,500 kWh annually, with a payback in 3.4 years.



The centre's journey to running a more sustainable operation began with installing 200 solar panels and commissioning a survey of energy saving opportunities across the whole centre. The survey covered heating, lighting, office equipment and leisure equipment and included payback on technological changes. The survey identified the pool cover as their second best energy saving target as it is a self-contained project with significant savings and a short pay-back period.

SpArc are a proactive group running a range of community based income generating projects including a fun-run, sponsored swim and charity cycle-ride and an orchestral concert. Their efforts toward bringing their community together to save and nurture a sustainable centre for health and entertainment make them a well deserved winner.

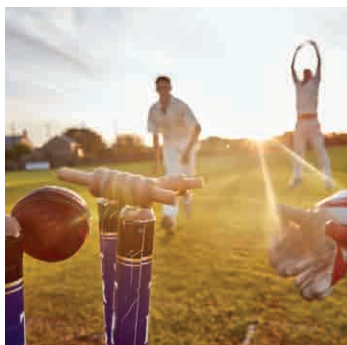
VOTES:	2133
AWARD:	REGIONAL
REGION:	CENTRAL WEST
AMOUNT AWARDED:	£12,500
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	4576 kg/year
INSTALLATION/SIZE:	INSULATED SWIMMING POOL COVER
HOW MANY PEOPLE USE THE FACILITY?	19,560

REGIONAL WINNERS

CORNWALL

WENDRON CRICKET CLUB

GROUP SUMMARY



THE THRIVING RURAL WENDRON CRICKET CLUB ARE DETERMINED TO MAXIMISE THE USAGE OF THEIR GREEN FACILITIES AND TO SET AN EXAMPLE FOR OTHER COMMUNITY BASED CLUBS THROUGH THEIR EFFORTS TO KEEP WORKING ON THE NEED TO CONSERVE ENERGY.

They proposed to keep their green dream alive by using the M&S Energy CEF to fit a battery storage system to harness the output of their 38kW and 148 panel solar arrays. The energy stored will, in turn, help to power their air source and ground source heat pumps currently used to heat and provide heated water to their football changing room block and separate club cricket changing room, social and recreation building.

They have already installed a ground source heat pump in their football changing room complex, an air source heat pump on their main clubhouse and a 24 panel solar array on the roof of the clubhouse whilst fitting 120 solar panels on the disabled viewing and covered walkway running alongside the main football pitch. The purpose of the battery installation is to maximise the use of power generation capabilities they already have in place, reducing wastage of power and further reducing the annual energy bill of the whole club.

GROUP COMMENTS

“The battery installation has been shown to a large cross section of the membership, particularly the youth football section, enhancing their appreciation of energy saving within the community. In the 19 weeks since installation, the batteries have already provided 2,326 kWh of electricity and thereby reduced the club's energy bill by over £300.”

VOTES:	1000
AWARD:	REGIONAL
REGION:	CORNWALL
AMOUNT AWARDED:	£12,500
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	2530 kg/year
INSTALLATION/SIZE:	ENERGY STORAGE BATTERY 5kW with 15kWh useable energy, one cycle per day, 5,475kWh per year
HOW MANY PEOPLE USE THE FACILITY?	30,000

EAST ANGLIA

THORNHAM VILLAGE

GROUP SUMMARY

THORNHAM VILLAGE HALL WAS SUCCESSFULLY COMPLETED AND OPENED IN 2013 THANKS TO A GRANT OF £475,000 FROM THE NATIONAL LOTTERY, THE SALE OF THEIR OLD VILLAGE HALL AND NUMEROUS FUNDRAISING EVENTS OVER A FIVE YEAR PERIOD.

The Hall was designed and built to include eco-friendly systems, including ground source heating and a greywater system. Facilities have been included to aid the disabled and the deaf.



Since opening, the Hall and Playing Field has gone from strength to strength and they now host nearly 500 events annually. They have re-established the village football team (who won promotion this season) and are now running two cricket teams. The Village Hall is once again the vibrant hub of the community and is used by all age and social groups, including the many tourists in a small village of 500 residents.

In the course of seeking to provide a variety of activities for the community to improve conditions of life, and the physical, emotional/social health and well-being of the participants, Thornham Village Hall are increasingly aware of their carbon footprint. They were keen to install solar panels as another source of renewable energy, to ensure the continued environmental and financial sustainability of the Hall.

VOTES:	2088
AWARD:	REGIONAL
REGION:	EAST ANGLIA
AMOUNT AWARDED:	£12,500
AMOUNT CROWDFUNDED:	£245
CARBON SAVINGS:	5700 kg/year
INSTALLATION/SIZE:	SOLAR PV
HOW MANY PEOPLE USE THE FACILITY?	15,000

REGIONAL WINNERS

HOME COUNTIES

SPELTHORNE GYMNASTICS CLUB

GROUP SUMMARY

WITH A MEMBERSHIP OF OVER 1,000 CHILDREN, SPELTHORNE GYMNASTICS WERE UNFORTUNATELY HANDED AN EVICTION NOTICE IN 2013 ON THEIR CURRENT GYMNASTICS FACILITY TO MAKE WAY FOR A NEW HOUSING DEVELOPMENT.

They applied for funds to help towards building a new energy efficient gymnastics and sports facility to rehouse their well-loved club.

The whole building has put green technology at the heart of its design. They have installed an air source heat pump to provide hot water and fitted the building with energy efficient lighting.

They rallied the support of the gymnasts' families with an incredible social media campaign, gathering together a fantastic 2,730 votes in total.

This brand new eco-efficient building will allow expansion of membership for the club from 1,000 to 2,000 children. Also, it will provide a valuable joint usage facility with the Bishop Wand School which has a further 1,000 students.



VOTES:	2730
AWARD:	REGIONAL
REGION:	HOME COUNTIES SOUTH
AMOUNT AWARDED:	£12,500
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	1246 kg/year
INSTALLATION/SIZE:	AIR SOURCE HEAT PUMPS AND ENERGY EFFICIENT LIGHTING
HOW MANY PEOPLE USE THE FACILITY?	1055

LANCASHIRE

R.O.S.A AND DARWEN TENNIS CLUB

GROUP SUMMARY

FORMED IN 2004 BY LOCAL RESIDENTS, R.O.S.A (RESIDENTS OF SUNNYHURST ASSOCIATION) TEAMED UP WITH THE DARWEN TENNIS CLUB TO USE THEIR CLUBHOUSE AS A MEETING POINT TO SUPPORT THEIR NEIGHBOURS, ESPECIALLY THOSE WHO ARE VULNERABLE OR LONELY.



Over the years many events and activities have been held to include every age, gender or disability. Their events have proved extremely popular with locals and those even from further afield. Before the renovation of the clubhouse they would hold their events outside, and many had to be cancelled because of poor weather conditions.

It had become increasingly apparent that the whole building was in a bad state of repair. Together, they funded the renovation of the building into a warm and welcoming hub to be enjoyed for many more years to come. This is where the M&S Energy CEF came in to provide funding for the latest in infrared heating: immediate, silent and controllable warmth which doesn't take up valuable space and can be fitted on ceilings and walls. With mould, damp and condensation inhibiting properties it is far more economical than their previous electric convector heaters, with no maintenance costs.

VOTES:	456
AWARD:	REGIONAL
REGION:	LANCASHIRE
AMOUNT AWARDED:	£4,500
AMOUNT CROWDFUNDED:	£20
CARBON SAVINGS:	N/A
INSTALLATION/SIZE:	INFRARED RADIATORS
HOW MANY PEOPLE USE THE FACILITY?	344

REGIONAL WINNERS

CASE STUDY

SOUTH WEST

OKEHAMPTON COMMUNITY COLLEGE

GROUP SUMMARY

OKEHAMPTON COMMUNITY COLLEGE IS A LARGE COMPREHENSIVE SCHOOL AND SIXTH FORM IN OKEHAMPTON, DEVON.

The school has a strong commitment to using clean, green energy and, before they entered the competition, had already installed solar panels, a small wind turbine, bio mass heating and monitoring systems that ensure that energy is only used when necessary. These initiatives had not only helped the school to become more environmentally friendly, but had also helped them to save money – something that is increasingly important as school budgets get tighter.

A £12,000 grant from the M&S Energy CEF enabled the school to replace 30kW of older lights with 15kW of LED products – thereby saving 15kW of power draw.

The sensors fitted in most rooms can control the lights based on whether anyone is in the vicinity, turning lights off if the room has been empty for a certain amount of time. This is especially useful in areas that are used intermittently, such as the staff room, and there are large savings to be gained by ensuring that lighting is only used when needed.

Students and staff alike report that the level of lighting has improved and that this has helped to create a more pleasant environment.



“The installation of LEDs has been beneficial to the college. It helps in how the school presents itself.”

BEN BOWLES, STUDENT

The school has also started a campaign for staff and students in rooms where sensors are not in place to highlight the importance of turning off lights when leaving a room. Staff members note that this is something that has made them more aware of their own energy usage, both at work and at home.

The educational efforts being made around the lights reflect a broader tendency to use the technology in the school as a learning opportunity. Students are taught about energy efficiency and shown how particular technologies are working in practice in the school. Students can then introduce their parents to the technology and what they have learned, which helps to raise awareness in the wider community. Parents have spoken to the technology coordinator to say that they have decided to take measures to improve their own energy efficiency as a result of what they've learned from their children's projects in school.

Over recent years the school has reduced its annual import of electricity from 649,000 kWh to 320,000 kWh through energy efficiency, renewable energy and through behaviour change. It has also helped over 200 other schools (directly and indirectly) by hosting visits, running programmes and presenting at various events schools attend. By spreading the word about their new installation, Okehampton Community College hopes to inspire others to make the change to LED.

THE VIEW FROM THE COMMUNITY

Of the **50 community members** who completed a survey about the project's impact:

88% reported that the project had inspired them to take steps to reduce their own energy use

90% reported that they had personally benefited from the project

98% reported that the community had benefited from the project

These community members also reported:

20% increase in knowledge about LED lighting

10% increase in knowledge about the benefits of saving energy

12% increase in knowledge about ways of saving energy

8% increase in motivation to save energy

“The amount of energy and money that can be saved by relatively simple measures is inspiring.”

SURVEY RESPONSE FROM COMMUNITY MEMBER

REGIONAL WINNERS

NORTH EAST
COXHOE VILLAGE HALL

GROUP SUMMARY

COXHOE VILLAGE HALL WAS OPENED IN 1932 AS A PERMANENT WAR MEMORIAL TO WW1 WITH FUNDS RAISED BY THE COMMUNITY AND IT HAS ALWAYS BEEN OWNED AND MANAGED BY COMMUNITY MEMBERS.



In 2013, a group of new volunteers took over responsibility of the Hall and have carried out a comprehensive programme of refurbishment, with one of the main priorities to explore how to reduce overheads through a Green Building Project. The M&S Energy CEF will enable Coxhoe to install solar panels and in turn continue to preserve local heritage and enhance their community.



One of the main priorities was to reduce overheads through a Green Building Project, with advice from Durham County Council Sustainability and Climate Change Officer. They have raised funds and installed roof and wall insulation and LED lighting (County Durham Community Foundation £4,713) and a new fully controlled energy efficient heating system (Biffa Award £31,750). The only outstanding item to complete their Green Building project is solar panels.

GROUP COMMENTS

“Our aim has always been to ensure Coxhoe Village Hall has a sustainable future and is fit for the 21st century. To achieve this aim we consistently develop, implement, monitor and review our action plan.”

VOTES:	2889
AWARD:	REGIONAL
REGION:	NORTH EAST
AMOUNT AWARDED:	£9,966
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	1180 kg/year
INSTALLATION/SIZE:	SOLAR PV
HOW MANY PEOPLE USE THE FACILITY?	1000

MERSEYSIDE,
CHESHIRE

POWERING NEUROMUSCULAR CENTRE

GROUP SUMMARY

THE NEUROMUSCULAR CENTRE (NMC), IS EXPANDING ITS BUILDING FROM WHICH IT DELIVERS SPECIALIST SERVICES FOR MUSCULAR DYSTROPHY (MD) – WITH A COMMITMENT TO ENERGY EFFICIENCY.

The NMC applied for a grant to install solar technology on its roofs, which will enable NMC to be more energy efficient and save money. As a charity NMC has to generate funding in order to deliver its services. Saving money on energy means that more money can be spent on services for people with MD.

The NMC provides a range of unique services and specialist advice with the sole aim of improving the quality of life for adults with MD and other neuromuscular conditions. The charity was founded in 1990.

GROUP COMMENTS

“We are all about enabling people to have options to have more fulfilling and productive lives.”



VOTES:	3191
AWARD:	REGIONAL
REGION:	MERSEYSIDE, CHESHIRE & NORTH WALES
AMOUNT AWARDED:	£6,000
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	1648 kg/year
INSTALLATION/SIZE:	4.00kW SOLAR PV SYSTEM
HOW MANY PEOPLE USE THE FACILITY?	500

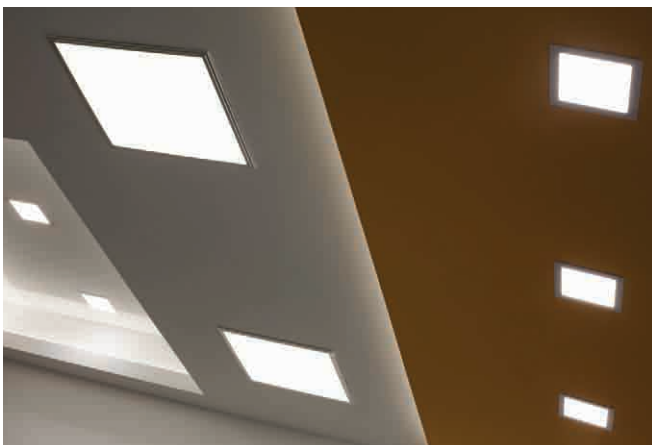
REGIONAL WINNERS

NORTH WEST

BROADOAK PRIMARY SCHOOL

GROUP SUMMARY

THIS YEAR, LED BY THEIR ELECTRONS TEAM, BROADOAK PRIMARY SCHOOL LAUNCHED THEIR MOST AMBITIOUS PROJECT YET – TO RAISE ENOUGH FUNDS TO UPGRADE THE LIGHTS IN THEIR KS2 CLASSROOMS TO LED LIGHTS.



Success in the M&S Energy CEF gave them £12,500 towards this work. Not only are LEDs better for the environment, but are proved to enhance learning too.

They have already successfully installed LED lighting in 4 of their 14 classrooms so were seeking funding to extend this programme to a further 4 classrooms to bring the same standards to the remainder of their KS2 block.

Receiving the grant money has helped them to meet their Eco Code goals which include, in the children's own words, "helping to save the planet through saving energy, saving money on our electricity bills which could be used for fun things, improving our learning space for us and future children."

Running the program also helped the teacher leading the project learn how to use social media to publicise their campaign.

GROUP COMMENTS

“ We currently have 480 children on roll. Our aim is to provide all children with meaningful and engaging learning experiences that will prepare them for life in the 21st century.”

VOTES:	1068
AWARD:	REGIONAL
REGION:	NORTH WEST
AMOUNT AWARDED:	£12,500
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	4682 kg/year
INSTALLATION/SIZE:	LED LIGHT FITTINGS
HOW MANY PEOPLE USE THE FACILITY?	600

NORTHUMBERLAND & NEWCASTLE

SOUTH TYNESIDE GYMNASTICS CENTRE

GROUP SUMMARY

SOUTH TYNESIDE GYMNASTICS AND WELLBEING CENTRE ARE SEEKING INVESTMENT TO IMPROVE THE ENERGY EFFICIENCY OF THEIR OUT-DATED CENTRE LIGHTING, MEANING THAT THEY CAN FOCUS AND INVEST THEIR SAVINGS INTO GROWING CHAMPIONS INSTEAD.

The project involves replacing low efficiency light fittings with high efficiency LED equivalents. The proposal also includes lighting controls. This reduction in electricity for the centre will reduce the energy and maintenance costs (replacing lamps) so that savings can be directed to providing more sporting activities to a greater number of people. The use of LED light fittings will be seen by the local community/children and will encourage them to look at their own homes and workplaces to apply similar energy saving measures.



VOTES:	1325
AWARD:	REGIONAL
REGION:	NORTHUMBERLAND & NEWCASTLE
AMOUNT AWARDED:	£9,650
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	825 kg/year
INSTALLATION/SIZE:	LED LIGHT FITTINGS
HOW MANY PEOPLE USE THE FACILITY?	500

REGIONAL WINNERS

SOUTH WEST & WALES

CARDIGAN SOLAR POOL

GROUP SUMMARY

CARDIGAN SWIMMING POOL & LEISURE COMPLEX IS A HUB OF COMMUNITY LIFE IN THE AREA, KEEPING PEOPLE FIT AND CONNECTED. IT IS A CHARITABLY OPERATED SOCIAL ENTERPRISE THAT OPENED IN 1977.

Over the years it has expanded to include a gym, hydrotherapy pool and sauna, and it offers a range of activities for local schools and people of all ages.



The M&S Energy CEF has helped to install solar PV to reduce the complex's running costs, which has meant they have been able to keep this community facility open.

It has made a massive difference in helping the pool become a sustainable business – as well as significantly reducing their carbon emissions. It has helped them to continue to provide a vital community service, improving health and social inclusion in their area.

GROUP COMMENTS

“ The impact on our community has been so positive. It has caused a huge feeling of community spirit and brought everyone together. It has provided a real buzz in our town and has brought more people into our complex. The Solar PV has just gone up so we are unable to provide actual money saving figures but it is projected that our electricity bills will be greatly reduced in due course.”

VOTES:	3399
AWARD:	REGIONAL
REGION:	SOUTH WEST AND WALES
AMOUNT AWARDED:	£12,125
AMOUNT CROWDFUNDED:	£320
CARBON SAVINGS:	4576 kg/year
INSTALLATION/SIZE:	SOLAR PV 12kW
HOW MANY PEOPLE USE THE FACILITY?	8000

SOUTH

THE BIG LEMON SOLAR BUS PROJECT

GROUP SUMMARY

THIS WAS A PIONEERING COMMUNITY PROJECT TO POWER ZERO-EMISSION ELECTRIC BUSES WITH SOLAR PANELS ON THE ROOF OF THE BIG LEMON'S BUS DEPOT IN BRIGHTON.

Using an innovative combination of three renewable technologies, the project generates clean energy during the day, stores it in a battery and then charges up the solar buses overnight.

On Friday 28 April 2017 the project launched the UK's first ever solar powered electric bus "Om Shanti" to a tremendous reception at their depot in East Brighton.

The team put an amazing effort into raising the money to bring this project to life: alongside applying for the M&S Energy CEF, the project crowdfunded a fantastic £13,325, and just before applying for the M&S Energy CEF the project also raised £250,000 from the sale of community bonds.

As a result of this project and the coverage it received in both the local and national press, they found their local community is even more engaged in what The Big Lemon does. The project was received with excitement and their local residents are looking forward to riding on the first solar powered bus in Brighton.

GROUP COMMENTS

“ This installation was a first for everyone! We worked collaboratively with local organisations in order to write the bid and we learnt a lot about what the possibilities are if you dream big and are brave enough to take steps into the unknown!”



VOTES:	1473
AWARD:	REGIONAL
REGION:	SOUTH
AMOUNT AWARDED:	£12,500
AMOUNT CROWDFUNDED:	£13,325
CARBON SAVINGS:	14,760 kg/year
INSTALLATION/SIZE:	SOLAR PV 28.6500kW
HOW MANY PEOPLE USE THE FACILITY?	45,000

REGIONAL WINNERS

CASE STUDY

LONDON

LONDON STRAW BUILD – HOLY TRINITY CHURCH, TULSE HILL

GROUP SUMMARY

HOLY TRINITY CHURCH IS LOCATED IN TULSE HILL, SOUTH LONDON. THE PARISH MEMBERS, ALONG WITH LOCAL VOLUNTEERS, ARE BUILDING A NEIGHBOURHOOD HUB TO THE REAR OF THE CHURCH. THE EXTENSION WILL BE THE FIRST STRAW-BALE CHURCH BUILDING IN EUROPE AND THE LARGEST STRAW-BALE BUILDING IN LONDON.

The parish is in the 10% most deprived areas of England. The project addresses this reality in practical and lasting ways, with training and community cohesion in the construction stage and a permanent affordable community resource when they have finished.

The church aims to create a building that is as sustainable as possible and to build it in a way that involves the community and helps local people to build skills.

The building is being developed through a hands-on community build, with open opportunities for volunteers of all ages to contribute to tasks like laying the building's car tyre foundations, assembling straw bales and lifting them into place to make walls. With training and supervision from straw bale specialists, the church hopes that volunteers will be able to complete most of the building work themselves.

Solar panels are essential to the environmental vision of their building, making good use of the large south-facing roof and enabling them to follow the Lean, Clean and Green policy of the London Plan. The parish looked for support from the M&S Energy CEF to help them realise this vision.

“Solar panels ticked all the boxes. Good for the environment and our economy.”

REVEREND RICHARD DORMANDY

In order to secure votes in the competition, those involved in the project got out into the community. The project team particularly enjoyed the opportunity to promote themselves in their local M&S store, as this gave them an opportunity to reach out to more people and in some cases change the perception of the church or the wider religious community. Some of the volunteers currently working on the building were not connected to the church before the project started, but found out about the build and decided to help in the construction.

“Informing the wider community about the project [in our local M&S store] gave an opportunity to change people's perceptions about the church.”

JOY, COMMUNITY MEMBER



The church's PV-covered roof will more than supply the daytime electric use and generate around 12,000kWh annually. Any unused power will be fed back into the grid, offering a small amount of additional income, which will be used to further improve the services offered to the community. Keeping costs down is especially important, as it allows the church to keep rental costs to a minimum, ensuring that the community space is as accessible as possible.

A heat pump will cover all their warming and cooling needs as well as saving c3,000kg of carbon dioxide per year. Rainwater harvesting will provide for most of their toilet flushing needs and the thermal properties of straw will help them to keep their energy needs to a minimum.

This project is ambitious yet achievable, and aims to inspire other community groups across the UK. To keep the community informed of the progress of the construction of the community space, occasional videos are produced and shown to parishioners during Sunday church services. The church also maintains a website and a blog about their progress.

“It is great to see this investment in this community project and the way it is inspiring other members of our community to become more engaged in energy conservative living.”

SURVEY COMMENT FROM COMMUNITY MEMBER

THE VIEW FROM THE COMMUNITY

Of the **33 community members** who completed a survey about the project's impact:

67% reported that the project had inspired them to take steps to reduce their own energy use

77% reported that they had personally benefited from the project

88% reported that the community had benefited from the project

These community members also reported:

13% increase in knowledge about solar panels

7% increase in knowledge about the benefits of saving energy

12% increase in knowledge about ways of saving energy

10% increase in motivation to save energy

REGIONAL WINNERS

SOUTH EAST

PROSPECTS HOUSE

GROUP SUMMARY

THE SUSSEX COMMUNITY DEVELOPMENT ASSOCIATION (SCDA) HAS BEEN INVOLVED FOR SEVERAL YEARS WITH THE COUNCIL-LED FUEL POVERTY PROGRAMMES ACROSS EAST SUSSEX.



The evidence from these schemes has shown that the most effective ways to affect the public attitude to energy saving measures is to be able to practically demonstrate their effectiveness and assist people in making the changes that are appropriate to them. Energy saving improvements in their community centre aim to inspire others to kick-start measures to address fuel poverty in the community.

They have recently installed the solar panels, to coincide with other renovations of the building, and they are also using the remainder of the funds to replace old lighting with LEDs. The solar panels should produce enough energy to meet all needs of the building with an annual saving of approx. £2300.

GROUP COMMENTS

“The focus on energy efficiency has made us all more conscientious at work. Extra effort is being made to turn off lights when not needed and to make sure everything is switched off at the end of the working day. The competition encouraged us to re-look at how we communicate with users and supporters, especially in relation to mail-outs. We have also developed a working knowledge of solar panels and their installation which will be considered in future building projects if funding permits.”

VOTES:	267
AWARD:	REGIONAL
REGION:	SOUTH EAST
AMOUNT AWARDED:	£11,784.40
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	4442 kg/year
INSTALLATION/SIZE:	SOLAR PV 4501kW AND LED LIGHTING
HOW MANY PEOPLE USE THE FACILITY?	37,500

WEST

GORDANO SCHOOL

GROUP SUMMARY

GORDANO SCHOOL IS RAISING FUNDS TO REPLACE INEFFICIENT STRIP LIGHTING WITH ENERGY SAVING LED LIGHTS THROUGHOUT THE SCHOOL.

They aim to reduce their carbon footprint and make savings that can be spent directly on education. Pupils can also use the project as an example of sustainable building design and the pupils' environment group were fully involved in publicising the project during the voting stage.



GROUP COMMENTS

“This project will reduce our carbon footprint and perhaps more importantly, the project is a strong educational message for our students as an example of sustainable building design.”



“Through taking part in the competition, we developed networking and campaigning skills and also did an infrared energy survey of the school in combination with a local environmental group, to see where we were losing most heat.”

VOTES:	1355
AWARD:	REGIONAL
REGION:	WEST
AMOUNT AWARDED:	£12,500
AMOUNT CROWDFUNDED:	£110
CARBON SAVINGS:	5000 kg/year
INSTALLATION/SIZE:	54w OR 32w 1200mm LED LIGHTS
HOW MANY PEOPLE USE THE FACILITY?	2000

REGIONAL WINNERS

YORKSHIRE

LEARN LIFE FOR ENTERPRISE

GROUP SUMMARY

BY INSTALLING SOLAR PANELS ON THEIR COMMUNITY LEARNING CENTRE, THE LEARN FOR LIFE ENTERPRISE WILL GENERATE SAVINGS TO EDUCATE AND TO IMPROVE SOCIAL WELFARE, INTEGRATION, COHESION AND WELL-BEING.

The group's goals are to create a warm, safe and friendly social area for people to integrate, share knowledge and improve community cohesion by providing four comfortable and welcoming classrooms, which can be used to improve the skills of the local community.

Installing Solar PV panels will enable them to make their facilities more energy efficient, better, and available for longer each day. This will help them to improve education, social cohesion and integration for the community and enable them to run extra classes that teach people household budgeting and how to make energy savings in their own homes. They also aim to improve mental and physical health, and wellbeing, by providing additional support to those in need.



VOTES:	3570
AWARD:	REGIONAL
REGION:	YORKSHIRE
AMOUNT AWARDED:	£9753
AMOUNT CROWDFUNDED:	£1365
CARBON SAVINGS:	3418 kg/year
INSTALLATION/SIZE:	SOLAR PV
HOW MANY PEOPLE USE THE FACILITY?	950

JUDGE'S DAY

TO HELP OUR MONEY GO A LITTLE BIT FURTHER



JUDGE'S DAY

THE PANEL

THE 2016 JUDGES' DAY, HOSTED BY HUGH FEARNLEY-WHITTINGSTALL, RETURNED TO RIVER COTTAGE IN DORSET, AS 20 PROJECTS WHO HAD MISSED OUT DURING THE VOTING STAGE WERE GIVEN A SECOND CHANCE TO SECURE FUNDING BY THE JUDGING PANEL. EACH PROJECT WAS CAREFULLY REVIEWED, WITH JUDGES BEING ASKED TO CONSIDER WHICH PROJECTS ALIGNED THEMSELVES MOST CLOSELY TO THE CORE M&S BRAND VALUES.

THE JUDGING PROCESS

The judges grouped the projects into the following categories – charity, community, innovation, food and education. These categories reflected the variety of community projects that had been submitted and ensured that there was at least one winner from each of these areas. The judging panel was made up of renewable technology and sustainability experts:

- Sir Ed Davey, Mongoose Energy and former Secretary of State at the DECC
- Giles Bristow, Forum for the Future
- Morven Smith, Head of Community Investment at SSE
- Nancy Sheterline, Winner from 2015 CEF – Exeter Phoenix
- Jindi Pank, Community Energy Manager M&S Energy
- Rob Love (Chairman), Crowdfunder UK

The judges were also joined by the following facilitators:

- Oli Sleeman and Si Walker – Crowdfunder UK
- Jonathan Hazeldine – Head of M&S Energy

Following a day of intense discussion and debate, the judges awarded the remaining funding for this year's CEF to the following six projects.

“It's been an absolute pleasure to be involved in the judging panel for the M&S Energy Community Energy Fund. All the winners will make a real difference to their local communities, made possible through this fund. The level of support during the voting stages is clear confirmation that community energy is thriving and communities around Great Britain want and need it – more so at this time of uncertainty in the community energy field. The judges' prizes were for stand out projects, presenting some unique and innovative ways to think about energy saving and generation, and now even storage.”

SIR ED DAVEY, MONGOOSE ENERGY



JUDGES' WINNERS

THE ANGLERS REST

CASE STUDY

GROUP SUMMARY

THE ANGLERS REST HAS A LONG HISTORY, HAVING ORIGINALLY OPENED AS THE ANGLERS INN IN 1870. ALTHOUGH INITIALLY POPULAR, USE GRADUALLY DECLINED. OVER TIME, THROUGH A LACK OF INVESTMENT AND A SUCCESSION OF SHORT-TERM TENANTS, THE PUB FOUND ITSELF UNDER THREAT.

Determined to save an important community asset, local residents rallied together to purchase it. In 2013, The Anglers Rest became the first community pub in Derbyshire through a community share offer. More than 75% of the 300+ investors live within five miles of the pub.

The building is now run for and by the community and has taken on a wider remit – “Not just a pub, a community hub.” The Anglers Rest now offers a café, pub and a village post office under one roof. The pub and café are regularly used for group meet-ups such as quiz nights and an after-yoga club. They also offer a natural meeting point where community members can meet new people, or just relax.



To significantly lower the running costs of the building, the group applied for £5,500 of funding from the M&S Energy CEF to fit 3,600kW of ground-mounted solar panels.

“If the solar panels keep energy costs down for The Angler's, there is more likelihood that the pub/café will stay open and we can continue to use it, as we do now.”

SURVEY RESPONSE FROM COMMUNITY MEMBER

So as to make space for the panels, the group brought together volunteers to clear an area that had been overgrown. Once the hedges were cleared away, the group discovered there was more space than expected. This has now been turned into a kitchen garden, where they've planted potatoes, herbs and gooseberries. The resulting produce will hopefully be served in the pub or the café.

The community is involved in the improvements of the building to a high degree, regularly doing maintenance or small construction tasks. The frames for the solar panels, for instance, were built by members of the community, and some previous building insulation work was also undertaken by community members.

The latest installation has helped the Anglers Rest to achieve the Peak District Environmental Quality Mark, a high standard of green ecological certification. More generally, the installation has served to improve the profile of the pub, as it incites curiosity from first-time and returning visitors.

“People visit the pub to see their solar panels, there's a pride in the installation.”

SALLY SOADY, COMPANY SECRETARY

The Anglers Rest hope that their installation will inspire other organisations in the area, where some have previously been resistant to solar panels.

“It is great to have the solar panels in the village – I think it is a really innovative use of the space; brilliant for reducing costs for the community pub and inspiring for the people in the village.”

SURVEY RESPONSE FROM COMMUNITY MEMBER

The Anglers Rest hope to further improve their sustainability in future. Their plans include installing LED floodlights outside, improving the building's insulation, and efforts to make the kitchen more energy efficient.

THE VIEW FROM THE COMMUNITY

Of the **41 community members** who completed a survey about the project's impact:

61% reported that the project had inspired them to take steps to reduce their own energy use

73% reported that they had personally benefited from the project

93% reported that the community had benefited from the project

These community members also reported:

11% increase in knowledge about solar panels

10% increase in knowledge about the benefits of saving energy

13% increase in knowledge about ways of saving energy

11% increase in motivation to save energy

JUDGES' WINNERS

PAPWORTH TRUST

GROUP SUMMARY

PAPWORTH TRUST HAVE APPLIED FOR THE M&S ENERGY CEF TWO YEARS IN A ROW, AND CAUGHT THE JUDGES' EYE WITH THEIR INSPIRING DETERMINATION TO ACHIEVE FUNDING.



They had shown some clear progress since last year's application, showing some developments in becoming a more sustainable organisation through LED installations and refurbishments using recycled materials. But more so, Papworth came back this year with a real grasp on how to launch a successful marketing campaign and secured a huge amount of support with 1,545 votes – much more than last year.

Papworth Trust offers essential support and care to disabled and older people as well as their families and carers throughout the East of England and beyond. They offer a huge range of services, including helping to find jobs for people with disabilities and disadvantages, and offering information for both employers and employees.

They received £12,500 to install 7.5Kw of solar panels in their Ipswich Centre. The potential annual saving of £500 per year can now be spent on valuable learning and leisure activities for the 950 people that use this centre in their community.

VOTES:	1545
AWARD:	JUDGES
REGION:	EAST ANGLIA
AMOUNT AWARDED:	£12,500
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	5255 kg
INSTALLATION/SIZE:	SOLAR PV 7.5 kW

55TH AYRSHIRE SCOUT GROUP

GROUP SUMMARY

THIS SCOUT HALL IN DALRY, A SMALL SCOTTISH TOWN IN THE GARNOCK VALLEY OF AYRSHIRE, HAS SERVED GENERATIONS OF SCOUTS FOR OVER 100 YEARS. HOWEVER, THE BUILDING HAD BECOME TOO DIFFICULT TO HEAT IN THE CHILLY SCOTTISH CLIMATE, FAILING TO MEET MODERN REQUIREMENTS.

The group applied to the M&S Energy CEF to install an energy efficient insulated roof at the Scout Hall as part of an exciting redevelopment. The benefits of the installation were not only keeping all the Scouts warmer, but reducing the group's fuel costs and carbon emissions, tying in with the Scout Association's wider environmental aims and educational programmes.

The judges commented that it was great that the Scout Group had already been bidding to raise money to complete their substantial refurbishment works, having been successful in raising almost two thirds of their funding already. It's good to see that the newly refurbished building will benefit the wider community and not just the Scouts, increasing its community purpose. It might not seem as glamorous but the Scout Group followed the essential rule in energy saving – to insulate first!

GROUP COMMENTS

“The competition helped develop our organisation and administration skills. Our committee are now well versed in organising construction projects. Some of this learning will be shared with other Scout Groups.”



VOTES:	436
AWARD:	JUDGES
REGION:	SCOTLAND
AMOUNT AWARDED:	£12,500
AMOUNT CROWDFUNDED:	£100
CARBON SAVINGS:	2815 kg/year
INSTALLATION/SIZE:	ENERGY EFFICIENT INSULATED ROOF
HOW MANY PEOPLE USE THE FACILITY?	3000

JUDGES' WINNERS

TOXTETH FOOD

CASE STUDY

GROUP SUMMARY

THIS NEW AND PIONEERING COMMUNITY-LED FOOD HUB INCLUDES AN AFFORDABLE FOOD STORE, CAFÉ, TRAINING SPACE AND GARDEN. THE TEAM AT TOXTETH FOOD CENTRAL RECOGNISE THAT WHILE FOOD IS AT THE HEART OF SOME OF OUR GREATEST PROBLEMS, IT'S ALSO A VITAL PART OF THE SOLUTION. THE HUB HOPES TO INSPIRE COMMUNITY MEMBERS TO LIVE HEALTHIER LIVES, WHILE AT THE SAME TIME BRINGING THE COMMUNITY TOGETHER.

Toxteth Food Central has evolved organically over the last 3 years. Its roots stem from a smaller local food initiative, community health organisation Squash Nutrition who, together with a group of 22 committed local residents – the Grapes Community Food Garden steering group – have worked to develop the concept.

In April 2015 Squash Nutrition successfully secured a capital grant of £382,573 from the Social Investment Business community assets fund to purchase a derelict brownfield site and to build a new community food hub on it for use by the whole neighbourhood. The building has been co-designed with input from local residents. Being located in one of the youngest and most diverse areas of Liverpool is seen as a real advantage, as it brings people of different backgrounds together, allowing people to learn from each other.

The team opted to build using recycled and innovative materials so as to achieve the highest quality with the smallest environmental footprint. Examples of this include the recycled wood floor from a sports hall and a novel type of insulation used below the building. The venture has already created new jobs in the area, in addition to the 20 volunteers currently involved with Squash Nutrition.

The grant from the M&S Energy CEF has been used to fit Solar PVs so that their ecologically friendly building can be powered by clean, renewable energy.

The whole community will benefit from the savings made by using solar energy, as the reduction in costs enables them to keep the building open longer and more often in order to reach and support more residents. Being a part of the competition has allowed Toxteth Food Central to reach new audiences and to connect to people further afield than they were previously able to.



THE VIEW FROM THE COMMUNITY

Community members described some of the benefits of the project in their own words:

“It’s made me see renewable energy as something that can be done in and around the community I live, as opposed to something that’s just done by people who have the extra capital to afford it.”

“It has really helped me understand the benefits of solar power more.”

“[I was inspired] after hearing about how solar panels work and how you can save money and put energy back in the national grid.”

“The competition to get votes allowed us to tell our story to a different audience.”

BECKY VIPOND, FOUNDER MEMBER

“The competition instilled a new sense of belonging and commitment to the cause.”

LISA AGATHA, COMMUNITY AND PROJECT MANAGER



JUDGES' WINNERS

TECKELS ANIMAL SANCTUARY

GROUP SUMMARY

TECKELS ANIMAL SANCTUARY, AN ANIMAL RESCUE CHARITY, USES A LARGE AMOUNT OF HOT WATER TO KEEP BEDDING AND BLANKETS CLEAN FOR THEIR ANIMALS IN CARE. THIS IS A VERY COSTLY AND ENERGY INTENSIVE OPERATION.

To lower their previous 76,000kWh per yr energy demand, they applied to the fund for money to install an air-sourced heat pump and LED lights. A reduced energy bill means they can invest funds to help more animals.

They will also include tappings to accommodate an under-floor heating circuit intended for dog kennels in the future. They also plan to use a nano-technology/glycol heat transfer fluid to improve the efficiency of the system.

The judges commented that there's no doubt that with over 3,000 votes Teckels Animal Sanctuaries pulled out all the stops, narrowly missing out on the regional win. Driving such community engagement, raising funding towards the installation by crowdfunding, and installing a brilliant technology such as an air source heat pump got the judges' attention.

GROUP COMMENTS

“ We have already cut our energy bill by at least one third which means we can afford to support more animals in need.”



AMERY SCHOOL

GROUP SUMMARY

ONE OF THE MOST INNOVATIVE PROJECTS IN THE COMPETITION THIS YEAR, THE JUDGES QUICKLY AGREED ON AWARDING THE SCHOOL £2,500, ONCE THEY SAW THE GREAT VIDEO MADE BY THE STUDENTS OF AMERY HILL SCHOOL.

The judges were impressed that a new form of technology had been proposed, but mostly were excited by the prospect of the whole school getting involved to power the school through just their footsteps.

They named their project 'Paving The Way' and proposed to install over 20 metres of kinetic energy tiles innovated by a company called Pavegen. The installation is designed to save electricity and encourage the pupils and staff to engage with a tangible energy solution. It helps them recognise the opportunities for an innovative off-grid energy technology within high footfall areas, regardless of the weather.

The energy harnessed and converted from students' footsteps demonstrates the effectiveness of Pavegen as a renewable energy. Not only does the system harvest energy, the tiles are also fitted with wireless technology which provides detailed real-time feedback to pupils, parents and staff on the power generated. The energy harvested can be used to power low-voltage local applications, and they plan to use the power to light the ICT corridor.



GROUP COMMENTS

“ Once installed in August 2017 we hope that the impact will be on community awareness of alternative renewable energy.”

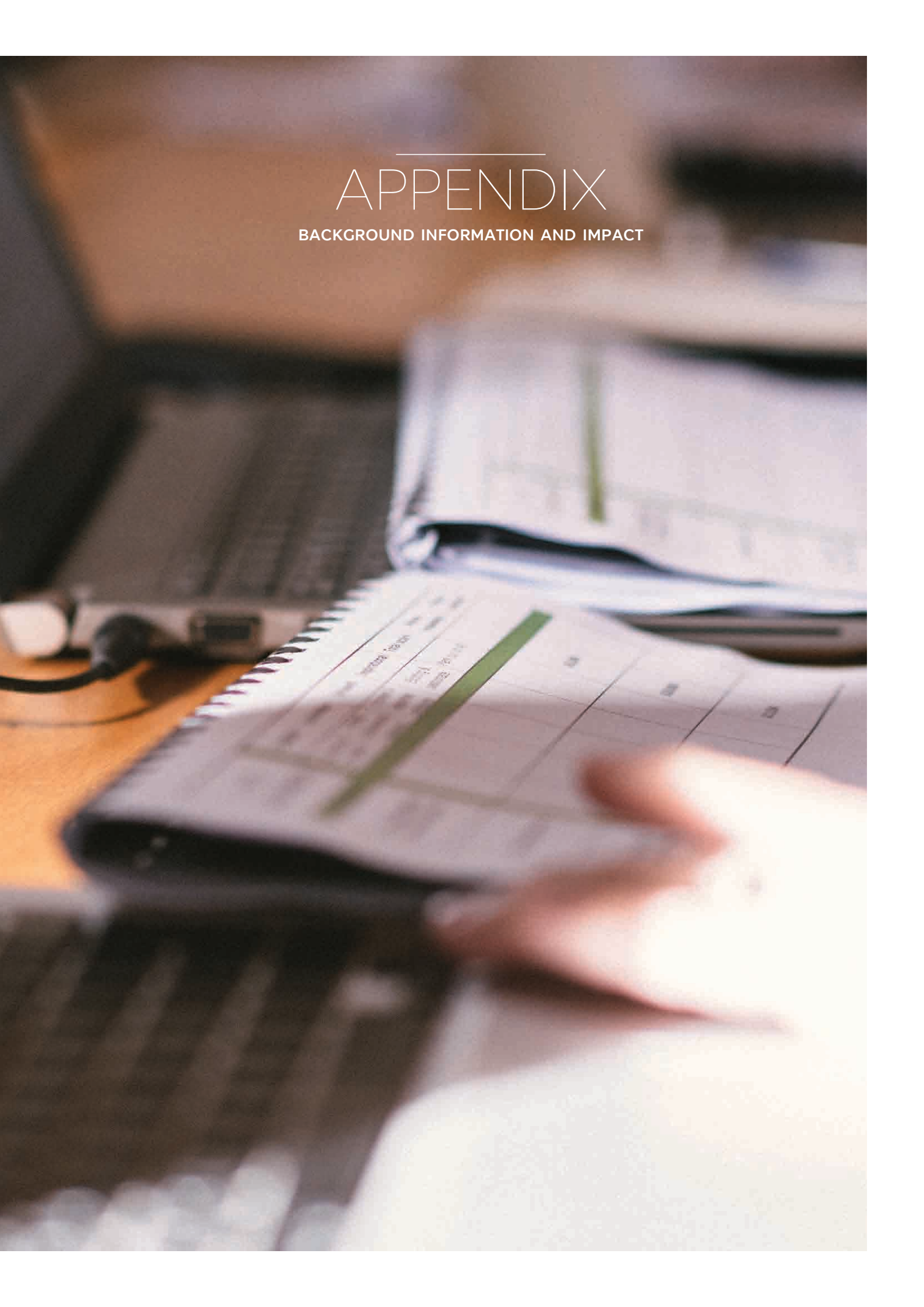


VOTES:	3001
AWARD:	JUDGES
REGION:	SOUTH WALES & WEST
AMOUNT AWARDED:	£12,399
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	3210 kg/year
INSTALLATION/SIZE:	AIR SOURCE HEAT PUMP 16kW / LED LIGHTS
HOW MANY PEOPLE USE THE FACILITY?	1000

VOTES:	2357
AWARD:	JUDGES
REGION:	HOME COUNTIES SOUTH
AMOUNT AWARDED:	£2,500
AMOUNT CROWDFUNDED:	N/A
CARBON SAVINGS:	N/A
INSTALLATION/SIZE:	KINETIC FLOOR TILES
HOW MANY PEOPLE USE THE FACILITY?	1000

APPENDIX

BACKGROUND INFORMATION AND IMPACT



APPENDIX

FINDINGS



SOCIAL IMPACT MEASUREMENT APPROACH

THE SOCIAL INNOVATION PARTNERSHIP (TSIP) WORKED WITH THE WINNING PROJECTS TO CAPTURE ADDITIONAL INFORMATION ABOUT THE IMPACT OF EACH INSTALLATION. THEIR ROLE WAS TO BETTER UNDERSTAND THE BENEFITS OF THE FUND IN A WAY THAT WOULD BE FEASIBLE, RELEVANT AND PROPORTIONATE GIVEN THE DIVERSITY OF PARTICIPATING ORGANISATIONS AND INSTALLATIONS.

TSIP developed the measurement approach in consultation with the team at M&S Energy and the winning projects. From projects' application forms and conversations with the winners and the team at M&S Energy, they identified three common aims across the winners:

- 1 Increasing awareness about sustainability in the local community and inspiring community members to take action
- 2 Increasing the profile of their community organisation in the local area
- 3 Increasing access to services and ensuring sustainability by managing costs

In addition to writing the case studies featured earlier in the report, TSIP developed two short surveys to capture feedback on these aims:

- 1 A survey for community members
- 2 A survey for project leads

FINDINGS

All 23 projects completed the project lead survey and secured at least some responses to the community member survey. The results paint a picture of the perceived benefits of the fund from the point of view of those closest to each installation.

CHANGES REPORTED BY COMMUNITY MEMBERS

A General

Across the 23 funded projects, **698 people completed the survey** for community members. Of these,

72% reported that they had personally benefited from the project in their area

86% reported that their community had benefited from the project in their area

B Increasing awareness about sustainability in the local community and inspiring community members to take action

67% of community members reported that the project in their area had inspired them to take steps to reduce their own energy use.

Community members also reported:

26% increase in knowledge about the installation technology

12% increase in knowledge about the benefits of saving energy

13% increase in knowledge about ways of saving energy

14% increase in motivation to save energy

C Increasing the profile of their community organisation in the local area

Among those who completed the survey, the reported changes in knowledge of and involvement with the community organisation were close to zero. This may reflect the fact that projects found it difficult to survey those that they did not have existing relationships with.

D Increasing access to services and ensuring sustainability by managing costs

Many community members highlighted the importance of the project in their area as a means of helping the community organisation to manage costs or generate income.

"This has helped save our pool which was threatened with closure."

COMMUNITY MEMBER SURVEYED ABOUT SPARC LEISURE CENTRE'S INSTALLATION

"The money saved means that extremely tight funding can be redirected, possibly for the costs of a teacher or on resources. Additional support for our students has a direct impact on our community."

COMMUNITY MEMBER SURVEYED IN RELATION TO OKEHAMPTON COLLEGE'S INSTALLATION

"This project has helped ensure the long term sustainability of the club that I have been associated with for 50 years."

COMMUNITY MEMBER SURVEYED ABOUT WENDRON CRICKET CLUB'S INSTALLATION.

CHANGES REPORTED BY PROJECT LEADS

A General

Across the project leads,

83% reported that they had personally benefited from the project

96% reported that the community had benefited from the project

B Increasing awareness about sustainability in the local community and inspiring community members to take action

Open-ended responses from project leads suggest that, for many, the fund provided an opportunity to deepen their own knowledge about sustainability and to spread the word among their community.

"My understanding of renewable energy has increased."

ABIGAIL BROOKS-DAW, TECKELS ANIMAL SANCTUARIES

"The installation will allow us to save money on our energy bills as well as helping to save the environment. It is also giving us opportunity to explain the benefits of saving energy with our service users."

HAYLEY NELSON, LEARN FOR LIFE ENTERPRISE

C Increasing the profile of their community organisation in the local area

Many project leads reported that they had been able to raise the profile of their work and to secure new supporters through their project. In particular, project leads highlighted the benefits of the competition format, which had encouraged them to get out into the community and speak to people about their work.

“We benefited hugely from extensive social media activity, promoting our participation in the M&S Energy CEF to secure votes enabled us to tell the local community about our work and the support that we are able to offer people living with disabilities in the local community.”

JO REVITT, PAPWORTH TRUST

D Increasing access to services and ensuring sustainability by managing costs

In an environment of rising energy prices and ongoing funding cuts, many project leads entered the competition needing to save money in order to be able to maintain services.

Across the funded projects, the anticipated yearly savings is £2,288 per organization. Project leads planned to use these funds to benefit people in their community – either by maintaining low prices over time, or investing in additional services.

“Our organisation exists to serve local people. Any savings on energy costs will enable us to run our community hall and fund other outreach projects.”

RICHARD DORMANDY, PROJECT LEAD FOR LONDON STRAW BUILD – HOLY TRINITY CHURCH

PROJECT LEVEL FINDINGS FROM THE COMMUNITY MEMBER SURVEY

The tables below includes project-level finding from the community member survey for all projects that secured at least 20 responses.

Project name	Changes reported by community members			
	...in knowledge about the installation technology	...in knowledge about the benefits of saving energy	...in knowledge about ways of saving energy	...in motivation to save energy
Amery Hill School	132% increase	8% increase	12% increase	15% increase
Broadoak Primary School	24% increase	22% increase	18% increase	14% increase
Coxhoe Village Hall Association	13% increase	11% increase	11% increase	15% increase
Darwen Tennis Club	106% increase	9% increase	16% increase	15% increase
Glamis Hall	24% increase	23% increase	30% increase	18% increase
Gordano School	10% increase	6% increase	4% increase	10% increase
Holy Trinity Church	13% increase	7% increase	12% increase	10% increase
Learn for Life Enterprise	28% increase	18% increase	20% increase	19% increase
Lifespring Centre	18% increase	11% increase	10% increase	12% increase
Okehampton Community College	20% increase	10% increase	12% increase	8% increase
Papworth Trust	18% increase	20% increase	18% increase	28% increase
SpArC Leisure Centre	32% increase	14% increase	15% increase	11% increase
Teckels Animal Sanctuaries	82% increase	15% increase	19% increase	27% increase
The Anglers Rest	11% increase	10% increase	13% increase	11% increase
Wendron Cricket Club	47% increase	20% increase	20% increase	16% increase

Project name	Has this project inspired you to take steps to reduce your own energy use?		
	% Yes	% No	% Not sure
Amery Hill School	65%	8%	27%
Broadoak Primary School	81%	7%	11%
Coxhoe Village Hall Association	68%	26%	5%
Darwen Tennis Club	68%	9%	23%
Glamis Hall	64%	6%	30%
Gordano School	46%	33%	21%
Holy Trinity Church	67%	9%	24%
Learn for Life Enterprise	91%	0%	9%
Lifespring Centre	74%	9%	18%
Okehampton Community College	88%	6%	6%
Papworth Trust	70%	14%	16%
SpArC Leisure Centre	56%	18%	26%
Teckels Animal Sanctuaries	72%	16%	12%
The Anglers Rest	61%	24%	15%
Wendron Cricket Club	97%	3%	0%

Project name	Do you think you have benefited from this project in any way?		
	% Yes	% No	% Not sure
Amery Hill School	77%	2%	21%
Broadoak Primary School	85%	4%	11%
Coxhoe Village Hall Association	63%	8%	29%
Darwen Tennis Club	73%	9%	18%
Glamis Hall	45%	12%	42%
Gordano School	60%	23%	16%
Holy Trinity Church	76%	3%	21%
Learn for Life Enterprise	94%	0%	6%
Lifespring Centre	65%	6%	29%
Okehampton Community College	90%	6%	4%
Papworth Trust	57%	19%	24%
SpArC Leisure Centre	85%	6%	9%
Teckels Animal Sanctuaries	68%	16%	16%
The Anglers Rest	73%	7%	20%
Wendron Cricket Club	76%	14%	10%

Project name	Do you think your community has benefited from this project in any way?		
	% Yes	% No	% Not sure
Amery Hill School	77%	2%	21%
Broadoak Primary School	96%	0%	4%
Coxhoe Village Hall Association	89%	3%	8%
Darwen Tennis Club	95%	0%	5%
Glamis Hall	88%	3%	9%
Gordano School	67%	15%	18%
Holy Trinity Church	88%	3%	9%
Learn for Life Enterprise	100%	0%	0%
Lifespring Centre	91%	0%	9%
Okehampton Community College	98%	2%	0%
Papworth Trust	65%	3%	32%
SpArC Leisure Centre	91%	6%	3%
Teckels Animal Sanctuaries	84%	4%	12%
The Anglers Rest	93%	5%	2%
Wendron Cricket Club	97%	0%	3%

APPENDIX

TOTAL CARBON SAVINGS MADE

AS A PART OF THE M&S ENERGY FUNDING WE EXPECT TO ACHIEVE A TOTAL SAVING OF 3679.02 TONNES OF CO₂ OVER THE NEXT 20 YEARS. THIS WILL RESULT IN A TOTAL POTENTIAL INCOME FROM THE RENEWABLE TECHNOLOGY INSTALLATIONS OF £901,820.00 FOR THE COMMUNITY GROUPS AS A WHOLE OVER THE NEXT 20 YEARS – ALMOST TRIPLING OUR INITIAL INPUT.

Status	Project name	Region	Technology type	Grant received	Size of installation (kW)	Estimated annual carbon savings (kg)	Estimated annual savings	Potential annual income
Regional Winner	Power to Ollerton	Central East	Solar PV	£12,500	N/A	4725	N/A	£453
Regional Winner	Don't let the SpArC go out	Central West	Energy efficiency	£12,500	N/A	4576	£3,730	N/A
Regional Winner	Wendron Cricket Club solar power battery storage system	Cornwall	Storage	£12,500	15	2530	N/A	N/A
Regional Winner	Thornham Village Hall and Playing Field	East Anglia	Solar PV	£12,500	N/A	5700	£1,800	N/A
Regional Winner	Clamis Hall Rooftop Solar Panels	Home Counties North	Solar PV	£12,500	20	8421	N/A	N/A
Regional Winner	Spelthorne Gymnastics – New Sports Centre	Home Counties South	Energy efficiency	£12,500	N/A	1246	£2,382	N/A
Regional Winner	R.O.S.A and Darwen Tennis Club	Lancashire	Energy efficiency	£4,500	N/A	N/A	£1,400	N/A
Regional Winner	London Straw Build – Holy Trinity Church, Tulse Hill	London	Solar PV	£12,500	12	4400	£640	£718
Regional Winner	Powering the Neuromuscular Centre	Merseyside, Cheshire & North Wales	Solar PV	£6,000	4	1648	£460	N/A
Regional Winner	A Greener Brighter Future for Coxhoe Village Hall	North East	Solar PV	£9,966	N/A	1180	£1,500	£590
Regional Winner	Broadoak Primary School Eco Council LED Lighting Upgrades	North West	Energy efficiency	£12,500	N/A	4682	£950	N/A
Regional Winner	South Tyneside Gymnastics Centre	Northumberland & Newcastle	Energy efficiency	£9,280	N/A	825	£1,600	N/A
Regional Winner	Cardigan Pool Solar	South Wales & West	Solar PV	£12,500	N/A	4576	£888	N/A
Regional Winner	The Big Lemon Solar Bus Project	South	Solar PV	£12,500	28	14760	£878	£650
Regional Winner	Prospects House – Energy efficiency	South East	Energy efficiency	£11,784	4507	4442	£2,300	N/A
Regional Winner	Okehampton College	South West	Energy efficiency	£12,500	15	N/A	£3,000	N/A
Regional Winner	Gordano School LED Project	West	Energy efficiency	£12,500	54	5000	£1,400	N/A
Regional Winner	Learn for Life Enterprise	Yorkshire	Solar PV	£9,753	N/A	3418	£1,135	N/A
Judge's Prize	Papworth Trust Solar Panel Fund	East Anglia	Solar PV	£12,500	75	5255	N/A	£437
Judge's Prize	55 Ayrshire (Dalry) Scout Group	Scotland	Energy efficiency	£12,500	N/A	2815	£725	N/A
Judge's Prize	Amery School	Home Counties South	Energy efficiency	£12,500	N/A	N/A	£1,000 - £2,000	£0
Judge's Prize	Power to the Anglers	Yorkshire	Solar PV	£5,500	N/A	1400	£200	N/A
Judge's Prize	Toxteth Food Central	Merseyside, Cheshire and North Wales	Solar PV	£9,597	3365	1830.8	£306	£145
Judge's Prize	Teckels Animal Sanctuaries Renewable Energy Campaign	South Wales & West	Heat pump	£12,399	N/A	3210	N/A	£1,347

APPENDIX

MATCHING BACK OUR ELECTRICITY

TO MATCH 100% OF OUR ELECTRICITY SUPPLY WITH RENEWABLE SOURCES* SINCE JUNE 2015. WE ARE COMMITTED TO TRANSPARENCY IN M&S ENERGY AND HERE YOU CAN FIND A DATA SUMMARY ON OUR CUSTOMER'S ELECTRICITY USAGE – THAT IS MATCHED BACK BY OUR SUPPLIER, SSE'S RENEWABLE ENERGY GENERATION CAPACITY FROM THE 46 HYDRO POWER STATIONS BASED IN SCOTLAND.

M&S ENERGY ELECTRICITY CUSTOMER USAGE APRIL 2016 TO MARCH 2017

Month	kWh
Apr 2016	58,214,884
May 2016	54,502,681
Jun 2016	48,912,490
Jul 2016	48,730,373
Aug 2016	49,527,764
Sep 2016	50,084,340
Oct 2016	55,571,365
Nov 2016	58,765,872
Dec 2017	64,431,880
Jan 2017	65,813,814
Feb 2017	57,454,615
Mar 2017	56,879,069
Total	668,889,149



The M&S Community Energy Fund gets right to the heart of supporting our communities by providing communities with the opportunity to generate renewable energy and become environmentally and financially sustainable. It's been a huge privilege to support the delivery of the M&S Community Energy Fund. I was fortunate enough to visit a number of this year's winning projects and the dedication of the volunteers never ceased to amaze me. I want to thank everyone who participated in this year's fund and I'm looking forward to seeing how the fund is helping generate green energy for the local community."

CIARAN McCARTAN,
OPERATIONS MANAGER M&S ENERGY

*The electricity consumed by M&S Energy customers is matched by electricity that has the Renewable Electricity Guarantee of Origin (REGO). The annual consumption of electricity used by M&S Energy customers is matched with the equivalent amount of electricity generated from large scale hydro sourced input to the National Grid.

*M&S Energy will donate £1 per annum to its Community Energy Fund for every M&S Energy account like from 1 April 2017 to 31 March 2018. The Community Energy Fund will run a community energy grant funding competition; it will enable not-for-profit community projects in Great Britain to enter the competition with the chance to win funding to install renewable energy technologies and become environmentally and financially sustainable when compared to having such renewable energy technology installed. The types of projects are dependent on applications.

M&S Energy is unavailable in the Channel Islands, Isle of Man, Ireland and Northern Ireland. Terms and conditions apply.

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