

Report of the External Funding Manager

Subject: Applications for Consideration

Members are requested to review the 12 applications and come to a decision in respect of the requests for grant funding.

The summary and eligibility check for each application follows.

Summary table

Project Type	Ref	Organisation	Funding Sought £
A	SDF/102022/1	Begelly Kilgetty Community Association	13,529
A	SDF/102022/2	St John Ambulance Cymru	17,176
A	SDF/102022/3	Lamphey Village Hall	7,296
A	SDF/102022/4	White Hart Community Inn	9,525
A	SDF/102022/5	Haverfordwest Rugby Football Club	9,623
B	SDF/102022/6	Canolfan Clydau	11,663
D	SDF/102022/7	1st Johnston Scout Group	1,610
D	SDF/102022/8	The Pater Hall Community Trust	3,016
D	SDF/102022/9	Ffynnone - community resilience in North East Pembrokeshire	25,000
D	SDF/102022/10	PCNPA Dark Skies £20,002 yr 1, £20,718 yr 2, £20,914 yr 3	£61,634
D	SDF/102022/11	Tenby Museum and Art Gallery	10,624
D	SDF/102022/12	Ecodewi	19,760
		Total funding sought	190,456

2.1 Renewable Energy generation projects (A)

Project Summary: *Install Solar Panels on the Community Centre 8kw PV system, inverter, and Power Wall battery 13.5KWH and a solar boost for hot water cylinder.*

Ref: SDF /102022/1

Project Title: Install Solar Panels on the Community Centre

Applicant: Begelly Kilgetty Community Association

Location of project: Kilgetty

Project description: The Community Association manage and maintain the community centre in Kilgetty. Many groups from the surrounding community use the two halls during the week including the Golden Age group who have over 60 members, many over 80 and other groups including the Friendship Club, two Bridge clubs, Shooting Club, Short Mat bowls and three Arts & Craft groups plus the Community Council meet once a month.

Funding is requested to install solar panels and a battery to reduce energy and costs. Stating, “if we don’t reduce the energy costs, we will have to increase the cost to hire the halls”.

40% of the groups meet in the evening, therefore a battery is crucial.

Impact measurement: Compare energy costs before and after installation of the solar panels to show impact on the running costs for the community centre.

Sustainability: The reduction in energy costs will allow investment of any savings to go back in the community centre for the benefit of the whole community.

The group propose to share the impact of the project with the community and promote renewables. A permanent display in the hall will show the energy generated and costs saved.

Total budget £16,912
Total requesting from SDF £13,529

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Voluntary Organisation
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		Total Match funding from own reserves £3,383
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		2 quotes have been supplied. Solar panel and battery storage Total £16,912
Can be delivered in 6 -18 months	Y		Yes, project to start as soon as possible.
Planning consent	N/A		Under permitted development.
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Community centre just outside the National Park. Installation of PV panels and battery, to generate energy. There is evidence of how the project will reduce carbon and how they will measure this.

Project Summary: *Install 8.47Kw solar photovoltaic system with 10kWh battery storage on the roof of the training centre.*

Ref: SDF /102022/2

Project Title: St John Ambulance Cymru – Sustainable Solar

Applicant: St John Ambulance Cymru

Location of project: Haverfordwest

Project description: The community training centre is a hive of activity hosting volunteer inductions, weekly volunteer training courses for businesses and external organisations and is the local office for voluntary managers in Pembrokeshire. The installation of 22 solar panels will generate electricity and reduce environmental impact. The organisation trains and treats thousands of people each year. Many activities happen within the National Park as well as many volunteers live within or near the National Park. The proposed system will exceed current energy requirements, enabling surplus to go back the grid, the battery storage system will be particularly useful in winter months and for evening meetings and training.

Impact measurement: The 10 kw battery will enable lighting for 50 hours. Impact will be measured monthly by recording electricity generated, used and fed back to the National Grid. From this information the amount of carbon saved will be determined. Comparisons will be made from previous years. Expert advice from the contractor on the best way to record and report the energy efficiency savings will be sought.

Sustainability: The project will be mostly self-sufficient with little maintenance required for at least 10 years. Any maintenance repairs or improvement works will be undertaken using the charity reserves or fundraising. The battery storage has a 10-year guarantee, the solar panels have a 12-year product warranty and 25-year performance warranty. The property is owned by the Charity.

The project will be communicated through a range of channels including a press release to local media and the possibility of coverage on PureWest radio, as well as on the website, social media and supporter's newsletter. Energy information will be displayed in the entrance for all visitors who come into the building.

Total budget £ 21,470

Total requesting from SDF £17,176

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Registered Charity 250523
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		100 hrs volunteer time £2,200 Own reserves £2,094 Total Match funding: £4,294
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		Only 1 quote has been supplied. Panels battery storage electrical items including installation and testing £19,270 100 hrs liaison with contractor(s) before, during and post works, training on how the system works, recording of information and any other associated

			tasks with the installation and running of the solar system £2,200 Total £21,470
Can be delivered in 6 -18 months	Y		
Planning consent	N/A		
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Pembrokeshire based organisation delivering an important service and volunteer opportunities for communities in Pembrokeshire and the National Park. Installation of PV panels and battery, to generate energy and reduce costs, contributing to the sustainability of the charity. There is evidence of how the project will reduce carbon and how they will measure this and communicate it widely.

Project Summary: *Install a heat storage battery in replace of gas boiler for heating water. To work with existing solar panels.*

Ref: SDF /102022/3

Project Title: Sustainable eco-friendly hot water

Applicant: Lamphey Village Hall

Location of project: Lamphey (on the edge of the National Park)

Project description: The hall is used for many community activities, tailored to all age groups. A gas boiler which was installed in 2007 when the hall was rebuilt is coming to the end of its working life and the committee wish to install a heat storage battery in its place to heat all water used in the kitchen and toilets. The battery will take its power from existing solar panels. The battery produces 0 carbon dioxide, its contents are also recyclable and it has a life cycle of 20 years.

Impact measurement: Energy bills will be monitored as the solar panels will be generating the electricity which is then stored in the batteries. Carbon dioxide from the gas boiler will no longer exist and no maintenance is required for this system therefore there will be annual savings as the boiler service will no longer be required.

Sustainability: The heat storage battery has a recognised life of at least 20 years. The storage battery is entirely recyclable including the food grade chemical within. The project information will be shared with the hall users (including many large organisations such as young farmers and women's institute) as well as local media and newspapers.

Total budget £ 9,122

Total requesting from SDF £7,296

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Registered Charity 524438
Sufficient project detail supplied on/with application form	Y		

Minimum 20% match funding secured	Y		Total Match funding using own funds £1,826
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		Only 1 quote has been supplied. They have struggled obtaining more than 1 quote Total £9,122
Can be delivered in 6 -18 months	Y		Project will take 2 weeks.
Planning consent	N/A		
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Frequently used, relatively modern community hall on the edge of National Park. There is evidence of how the project will reduce carbon and how they will measure this.

Project Summary: **Roof insulation and solar panels**

Ref: SDF /102022/4

Project Title: Roof insulation and solar panels

Applicant: The White Hart Community Inn (St Dogmaels)Ltd/Tafarn Cymunedol Yr Hydd Gwyn (Llandudoch)Cyfnedol

Location of project: The White Hart Community Inn, St Dogmaels (within the National Park)

Project description: The White Hart is a community pub, bought by the community for the community. Insulation is required to conserve heat and reduce energy loss as well as 4kw solar panels and a 5kw battery.

By taking both these steps the carbon footprint of the building will reduce greatly as less energy will be required to keep the community pub functioning. The insulation and solar panels will be installed by professional companies.

Impact measurement: A month by month comparison of energy consumption will be undertaken and comparison with energy use prior to installation.

The project will be promoted via social media platforms, website, posters in the shop and post office and through their quarterly newsletter delivered to all households by volunteers.

Sustainability: The community pub plans to set up a warm place for pensioners (via a luncheon club) and mothers and children (via an after school club). But any other person will be welcomed to a warm and safe place. The insulation and solar panels will help this by reducing the energy costs.

Total budget £ 11,906

Total requesting from SDF £9,525

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Community Benefit Society Registration Number 008153
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		Reserve Account of the White Hart Community Total Match funding: £2,381
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		Only 1 quote has been supplied. Insulation £1,748.00 Solar's £10,158.00 Total £11,906.00
Can be delivered in 6 -18 months	Y		
Planning consent	N/A		Under permitted developments, applicant requested to check.
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Not for profit organisation on the edge of National Park looking at reducing energy and generating from renewables. There is evidence of how the project will reduce carbon and how they will measure this and share this information with the community.

Project Summary: *Install solar PV panels at club house*

Ref: SDF /102022/5

Project Title: Improving sustainability for Haverfordwest RFC

Applicant: Haverfordwest RFC

Location of project: Haverfordwest

Project description: Haverfordwest RFC are looking to install 4.6 Kwh solar PV panels to become an environmentally friendly club. Solar panels are phase 1 followed by phase 2 LED lighting for pitch floodlights which reduce carbon emissions by half. Phase 3 will be a wind turbine and replacement of gas boiler with a ground source heat pump. The solar PV panels will allow the club to potentially reduce carbon emissions by a possible minimum of 1.3 tonnes a year (the equivalent of charging 607,904 mobile phones). The standard solar PV systems over a time span of 30 years eliminates 39 tons of carbon dioxide. This is the same as 2,365 seedling trees growing over a time span of 10 years. The whole club will be involved in gaining knowledge of the benefits and progress of this project.

Impact measurement: Comparing the energy generation.

Sustainability: The panels will be maintained and cleaned regularly using a soft rag and biodegradable soap (no harsh substances will be used to avoid any damage). An annual inspection to monitor the condition will be conducted. It's estimated that the payback will be 4 years and life expectancy is 25 years.

The club will promote the project, raising awareness of renewables. Once the solar panels have been installed a press release will be written.

Total budget £ 12,029
Total requesting from SDF £9,623

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		Own reserves Total Match funding: £2,406
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		Only 1 quote has been supplied. Total £12,029
Can be delivered in 6 -18 months	Y		
Planning consent	N/A		Under permitted development
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Not for profit organisation outside the National Park generating renewable energy. There is evidence of how the project will reduce carbon and how they will measure this and share this information with the community. Recommend display panel showing energy generated.

2.2 An initiative to promote reduction in carbon emissions in transport i.e. installing an electric charging point for bikes or cars or by supporting access to non-individual travel (B)

Project Summary: **Create solar powered clothes drying room and covered secure bike shelter**

Ref: SDF /102022/6

Project Title: Clydau Solar Bike Shelter / Lloches Solar Beiciau Clydau

Applicant: Canolfan Clydau

Location of project: Canolfan Clydau, Tegryn (just outside the NP)

Project description: To provide solar powered clothes drying room with an attached covered secure bike shelter with charging facilities for electric bicycles.

The intention is to clear the main hall which is currently storing unused equipment, bikes and clothing, to make space for a warm hub room this winter. The grant will pay for a 20-foot shipping container which will be sited adjacent to the car park at the rear of the hall and would be used to store the equipment while simultaneously providing a drying room for cycle clothing. The shipping container would be insulated and possibly lined to reduced condensation and damp inside. A humidistat extractor fan / dehumidifier will also be purchased to help keep the contents free from moisture and to aid drying. Solar

photovoltaic panels will be installed on the roof of the container along with simple battery storage and inverter to allow for the provision of light and power for the container itself but also for the benefit of any outdoor events or workshops being held in the hall. A hoop roof will be installed between this shipping container and existing shipping container owned/used by the primary school next door to provide a covered area for the secure parking of bikes as well as a charging points for electric bikes, and covered space shelter. Current Hall tenants Cwm Arian Renewable Energy (CARE) have five members of staff who cycle to work and as such are great advocates for active travel. This project, in partnership with CARE who are already trialling an electric bike and car club with Dolyn Teifi, aims to actively encourage and promote active travel within the local and wider communities, fostering a low carbon sustainable transportation hub for the wider community.

The use of solar photovoltaic panels and battery storage will demonstrate the real-world use of renewables and at the same time provide an opportunity for education and promoting awareness with the primary school and the local communities on the benefits of these technologies. The use of solar PV will also reduce reliance on mains electricity and minimise ongoing energy costs. The community hall committee will lead on the project.

Impact measurement: Feedback will be sought from hall users to see whether they have cycled to events and workshops. Children, parents, and teachers who attend Ysgol Clydau will be encouraged to cycle to school. Feedback each term will measure uptake. The hall in partnership with CARE will run open days to increase awareness of renewable energy and low impact travel feedback will be sought from attendees. The use of the warm room hub will also be monitored and reported on. The amount of energy produced by the solar system will be recorded and publicised on the halls website and Facebook page.

Sustainability: The provision of secure bike stands and electric bike charging points will demonstrate and encourage active travel. CARE will be running bicycle repair workshops in a neighbouring village in 2023 the new Hall services will be promoted at these workshops. Working closely with the primary school next door to promote the cycle shelter and drying space will ensure they are well used and integrated in future education providing healthy nature-based activities that promote well-being for future generations.

The activities and opportunities for engagement and utilisation will be widely promoted digitally via social media and e-mail newsletters, promotion in local papers and radio stations, poster campaigns locally on notice boards. Canolfan Clydau is a member of the Pembrokeshire community buildings forum and will offer other members guided visits to the new development and offer support for replicating the project. Learning will be shared via the forums online padlet managed by PAVS, all communications will be bilingual.

Total budget	£ 14,579
Total requesting from SDF	£11,663

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Registered Charity 1158731
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		Own reserves Total Match funding: £2,916
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		A quote has been supplied. Shipping container and hoop roof kit £9,440 10 bike secure rack £645 Dehumidifier £330 PV panels & battery £4,164 Total £14,579
Can be delivered in 6 -18 months	Y		December 2022 – June 2023
Planning consent	N/A		
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Innovative project on the edge of the National Park, benefiting the local community and providing a great example of community renewables. A good application, they have demonstrated how they will measure impact and communicate their work.

2.3 Any other community-based carbon reduction initiative (D)

Project Summary: **Car Park Solar Lighting at the Scout Hall**
Ref: SDF /102022/7
Project Title: Hill Mountain Hall Development Plan -external lighting
Applicant: 1st Johnston Scout Group
Location of project: Hill Mountain

Project description: The Scout Group agreed a 25-year lease on the redundant Wesleyan Chapel in Hill Mountain at the end of 2014 and gained access at the beginning of 2015. Since then, they have been refurbishing the premises and grounds to offer a social recreational facility for the community and a home for the Scout Group.

Initially, the focus was upon creating a viable space for activities to promote use, engagement, and a profile in the wider community, being mindful of the environmental impact. The grounds are being developed in a manner intended to enhance the flora and fauna. Hedging and Pembrokeshire banks which surround the rear of the property are being protected and the grassed area within is being seeded to create meadow.

It is proposed to install 2 solar lamps with on/off switches and motion sensors, providing illumination to improve safe access from the car park at the rear to the main entrance at the front of the hall.

Advice and information has been sought on the impact of the light on both biodiversity and the general social environment in deciding upon the light system. The specific lights were chosen to ensure fewer of them are needed and to allow adjustment in height, intensity, duration of illumination and defined field of illumination to address the issues of light pollution, social nuisance and biodiversity.

Impact measurement: The lighting system is intended to offer safer mobility and access for users within the grounds whilst also offering improved security. This will be measured by an improved experience for users with an associated reduction in personal risk. The specific solar system has been chosen to ensure that neighbours are not disturbed by the additional lighting introduced having on/off switch as well as a variety of responses to motion sensors. This necessary contribution to the hall development programme will be achieved with renewable energy generation reducing their carbon footprint.

Sustainability: It is envisaged that this is the first step in a transition to more energy efficient supply. The development of the Hall is a long-term project for the group with an emphasis upon community engagement and shared environmental responsibility.

The presence of the hall within the community allows for the ethos adopted by Scouting and the Hall's executive committee to be readily communicated through the activities offered whilst also attracting interest over time in the actual developments themselves.

Total budget £2,012
Total requesting from SDF £1,610

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Scout Association UK - 306101
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		Own funds Total Match funding: £402 A quote has been supplied
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		Lighting £1,746 Poles £102 Base plates/ accessories £164 Total £2,012
Can be delivered in 6 -18 months	Y		
Planning consent	N/A		PCC planning advised that it was not required and referenced "permitted development."
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Lighting and safety are important and it is great that they will be generating energy using solar for this, however we would encourage the group to consider further energy generation for the hall.

Project Summary: *Insulation in Community Hall*

Ref: SDF /102022/8

Project Title: Carbon reduction in community building

Applicant: The Pater Hall Community Trust

Location of project: Pembroke Dock

Project description: At present, the Pater Hall relies totally on gas for its heating and has little or no insulation in the roof space. Some insulation has been done, but more is required (recommended 300mm). The hall is a large, well used building therefore the insulation will result in a considerable reduction in carbon emissions.

Impact measurement: The impact of this project will be measured in the reduction in energy usage in this busy community facility. This project, together with replacing existing lights with LED and installing time switches on the water heaters will considerably reduce bought in energy and gas for heating.

Sustainability: The trustees are committed to operating the complex in as environmentally friendly way as possible both for financial and efficiency reasons. All users will be made aware of the project.

Total budget £ 3,770

Total requesting from SDF £3,016

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Registered Charity 1105080 Company 05039651
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		Own reserves Total Match funding: £754
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		one quote has been supplied. Insulation £3,770
Can be delivered in 6 -18 months	Y		
Planning consent	N/A		
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Busy community hall outside the National Park looking at how to reduce energy. They have looked at how they will measure the impact and share this information with the community.

Project Summary: *To deliver food growing events for the community based on a successful pilot phase*

Ref: SDF /102022/9

Project Title: Peas and Love

Applicant: Ffynnone - community resilience in North East Pembrokeshire.

Location of project: 4 sites - Cilgeran Peas and Love (new regenerative horticulture site), Cilgerran Fruit and Nut (existing project), Field of Beans (Blaenffos, existing), Clynfyw garden (new site but with an existing garden)

Project description: Deliver the same overarching aims as the pilot project which are, local community carbon reduction and resilience through growing food, but taking into account feedback from the pilot and building on successes.

The aim of the project is to deliver food growing events for the community to:-

- Provide low/no cost access to food production and volunteer support.
- Developing a new site in Cilgerran, for food growing
- Create a community resource at Clynfyw – Clynfyw already have an established growing area, they would like their resources to be better used by the local community, they also have a new garden group that would benefit from being involved in this project.
- Run 10 days of courses e.g., grafting, medicinal gardening, foraging, food preservation, kids gardening.
- Run 20 supported sessions for new growers - When new volunteers are recruited, they need to be introduced to tools, equipment, growing spaces, systems of work, recording, risk assessments etc. After the supported sessions the new grower becomes fully fledged and joins the garden and can attend at any time they wish.
- Run 5 events – open days and wellbeing days. These were very successful in the pilot, so the group wish to continue with these.

4 Sites where the project will be delivered: -

1. Fruit and Nuts Cilgerran - community orchard, meeting place. Space used by community for social and wellbeing activities.
2. Field of Beans - regenerative horticulture/foodbank supplies Blaenffos: growing, learning, food sharing, produce swaps, preserving.
3. Peas and Love-new Garden, as above, Cilgerran.
4. Community Growing at Clynfyw - Clynfyw Care Farm promote inclusivity and equality. Turning established veg plot and orchard into community resource. Commercial kitchen for community food preparation, processing gluts. Onsite shop links growers and makers for community resilience. Buildings for courses and events.

The project will:

- Sequester carbon in soil, trees, meadows.
- Reduce carbon emissions of food production, transport.
- Increase local resilience to climate change by shortening food chains.
- Provide skills to feed ourselves locally: many people are suffering from poor diet, no access to healthy food.

- Preparing for the future and mitigating the worst effects climate and ecological emergency.
- Create food security for everyone: enabling people to feed themselves and others by developing skills and access to land.
- Demonstrates small-scale agro-ecological food production and inspire others.
- Provide shared spaces to meet safely, doing meaningful work, enhancing mental and physical wellbeing.
- Work with and contribute to other local/national organisations including CARE, Grwp Resilience, LWA, Llafur Ni, Naturewise.
- Support 100 volunteers, 100 participants on courses, 50 foodbank users & 10 teachers.

The team has a range of professional skills which contribute to the success of the project. Zoe Hope (Head of Legal Operations HMRC, retired), Jim Bowen (Manager Clynyw Care Farm), Rosie Gillam (project manager, Director Egni Coop), Michael Shakib (Industrial Lecturer, Swansea University), Tracey Styles (Tutor, Coppicewood College), Erin Mcairt (artist), John Allen (timber framer), David Easton (NHS physiotherapist), Bob Weatherhead (agroecological land manager), Kat Budd (Social and Therapeutic Horticulture Project Coordinator), Kate Harnott (former charity database administrator, small business owner).

Impact measurement:

- Amount of food provided to foodbank.
- Number and diversity of retained and new volunteers.
- Number and diversity of retained and new core group members.
- Number and diversity of attendees at events.
- Number of new projects assisted to start/progress.
- Number of new pieces of land offered locally for similar projects.

Using community feedback to gauge impact:

- Course and event feedback forms.
- Forms provided in foodbank boxes.
- Focused feedback activities at events.
- Input from community via online pages, open and closed groups and public meetings.
- Engage elected representatives for feedback and collaboration.
- Assessing engagement metrics online.

Assessing the feedback through:

- Steering group bi-monthly review meetings to gauge impact and review approaches.
- Steering group project end meeting to assess targets, achievements, next steps.
- Working with other groups to share learning and best practice and to assist overarching organisations to measure the impact of local projects.

Sustainability: This funding will support the organisation to grow, to reach new people, nurture small business. Additional grant funding will be sourced as need arises. The organisation has 10 dedicated committee members, with professional expertise in relevant fields, three additional core group members joined. New core members will be trained to ensure succession planning. There are 67 garden volunteers and new ones are encouraged. Supported work sessions and fun sessions nurture volunteers.

Increase collaboration with community gardens e.g. Naturewise and the facilitation of cottage industries at sites e.g. flower sales, nursery plants, chilli chutney, commercial seed saving.

Core volunteers’ “Rewards programme” - Develop core group: committed to regular time in gardens - Preferential access to courses: booking first and low fees - Growing manager teaching horticultural skills, tailoring sessions to core volunteers’ interests - Subsidised external courses, educational trips.

Develop wider volunteer group: - Food sharing events strengthen bonds - Supported sessions for sporadic participants - Tailor meetings and focus groups to local interests

The project will be advertised using social media, press, contacting elected representatives, local noticeboards, foodbanks, mailing list of 275+, collaboration with local organisations, events, word-of-mouth.

The group is building up reserves by crowdfunding, Local Giving, donations, and is considering charging a fee for use of tool and book library, asking business start ups to donate for use of site, tools etc. issuing share offer.

Total budget £56,120
Total requesting from SDF £25,000

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Currently an unincorporated association, but in the process of becoming a CIC.
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		Volunteer project management & coordinator support 416 hrs £8,320 Volunteers 2400 hrs £22,800 Total Match funding: £31,120
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		Volunteer project management & coordinator support 416 hrs £8,320 Volunteers 2400 hrs £22,800 Project manager 312 hrs £5,460 Grower manager 312 hrs £5,460 Coordinator 97.5 hrs £1,462.50 Events (speakers, hall hire, equipment rental) £3,000 Courses (specialist teachers & course material) £3,500 Tools, materials, compost, seed, watering system £5,117.50 Volunteer development (courses, relevant education visit) £1,000 Total £ 56,120
Can be delivered in 6 -18 months	Y		January 2023 – June 2024 (18m)
Planning consent	N/A		

Eligibility checks completed	Y	4 sites, Field of Beans Blaenffos have 10-year lease agreement. Cilgerran Fruit and Nut have licence from community council till 2025 – requesting extension of lease. Other 2 sites (Cilgerran Peas and Love & Clynyfw) in the process of creating a land use agreement. Waiting for the group to become a CIC.
------------------------------	---	---

Officers Recommendation – Approve subject to the successful completion of pilot project

Rationale: This initial application was significantly scaled back and the SDF Committee requested that a successful pilot be completed before resubmitting for a larger scale project which is what the group have done. They have provided an interim report on the pilot and claim form.

The project is an innovative approach to community growing, supporting volunteers and growers as well as working on land to ensure growing can happen. The group is experienced and well networked with local organisation and has provided information on how the project will run, impact measured and communicated.

Project Summary: *Funding for a dark skies’ implementation officer*

Ref: SDF /102022/10

Project Title: Dark Skies Pembrokeshire (part of the Prosiect Nos initiative)

Applicant: Pembrokeshire Coast National Park Authority

Location of project: Locations across the National Park and relevant areas of Pembrokeshire.

Project description: Light pollution disrupts the life cycles of a wide range of species and robs people by stealth of their cultural and spiritual connections to the night sky. In 2021, with funding from the Sustainable Landscapes, Sustainable Places fund, PCNPA and PCC commissioned a report on possible routes to Dark Sky Reserve designation or equivalent status for areas of the National Park and Pembrokeshire. The report was completed by Cundall Light4. It includes an inventory of key lighting issues, associated remediation costs and a detailed case study for a major installation on the Waterway.

A three-year pilot project is proposed. It will create an implementation officer post with budget for engagement, technical advice, and lighting adaptations. The implementation officer will work with farmers / land managers, highways, military / defence, caravan and camping sites, hotels and restaurants, and the oil and gas industry to reduce inappropriate lighting and its associated energy use and carbon emissions. Communities and volunteers will be involved in monitoring impact using sky quality meters. There is potential to identify, develop and celebrate community-scale "darkscales" through the project.

The project will reduce carbon emissions and light pollution through a targeted programme of light adjustment, removal, or refitting. (For example, an activity centre in Snowdonia National Park was able to reduce carbon emissions by 2 tonnes p.a. with assistance from Prosiect Nos.) Some lighting issues may be solved with simple physical and / or timing adjustments.

The project will prioritise key sources of light pollution in and affecting the National Park identified in the feasibility study referred to above. There will be a particular focus on sites where the work will also benefit nature conservation. The project will reduce light wastage in potential core and periphery dark sky zones. This will help restore nocturnal corridors and aid species resilience in the face of climate change. Electricity costs are a significant burden. The move to electric vehicles may put further demands on electricity supply.

The project will potentially mitigate business costs by reducing electricity use.

Complementarity The project will add value locally to Prosiect Nos, which has 3 years of successful collaboration across protected landscapes in North Wales. Prosiect Nos is expanding to cover all 8 of Wales' designated landscapes via a bid for Sustainable Landscapes, Sustainable Places (SLSP) funding. In preparing this SDF application we have worked with relevant officers (Landscapes Wales, National Park authorities, Areas of Outstanding Natural Beauty, Pembrokeshire County Council) so as to complement Prosiect Nos, and enhance the scale of effort locally, by virtue of having an officer for Pembrokeshire Coast National Park. This SDF proposal is independent of the outcome of the Prosiect Nos SLSP bid.

Impact measurement: Reduction in electricity consumption associated with relevant light sources (e.g. external lighting) kWh pre- and post-intervention.

Impact: Night sky quality Sky Quality Meter readings, involving volunteers, pre- and post-intervention. (A sky quality meter measures how much light strikes the meter's sensor. This amount is automatically converted into units of magnitudes per square arc-second. The larger the meter reading, the darker the sky.)

Impact - ecological / species benefits The Prosiect Nos SLSP bid includes an element for pre- and post- ecological survey for the 8 designated landscapes which will provide useful contextual insight, (depending on the timing of the first survey and start of this project). Please note that this would be conditional on SLSP funding being received (application submitted September 2022).

Sustainability: There will be greater recognition of the importance of dark skies and appropriate lighting among those who use lighting. There will be broader community awareness of light pollution, adding to public momentum for dark skies. Individuals will be enabled to monitor sky quality, providing a source of objective, long term measurement. Businesses will be advised / assisted where appropriate to invest in sympathetic, fit-for-purpose, lighting solutions. If the pilot is successful, there is potential to embed elements of the work within the Authority's future work programme.

The project will engage and work with a broad range of individuals and organisations to reduce light and carbon emissions. The project will engage with volunteers, including astronomy groups. The project will make use of the Authority's established communication channels and presences, including social media. Interim project reports and a final report (to include the impact measures listed above).

Total budget	£ 103,843 (£34,071 year 1, £34,788 year 2, £34,984 year 3)
Total requesting from SDF	£61,634 (£20,002 year 1, £20,718 year 2, £20,914 year 3)

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Local Authority
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		Match funding for the 3 years PCNPA funding (landscape support) £7,209 SLSP Wild Coast project (capital funding) £35,000 Total Match funding £42,209
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		Costs below are for the 3 years Dark Skies Officer, 3 years at SO1 SCP23*, 3 day week £63,843 Lighting advice £15,000 Capital assistance £20,000 Volunteer training and equipment £5,000. Total £103,843
Can be delivered in 6 -18 months	Y		Requesting funding for 3 years. (2022 – 2025)
Planning consent	N/A		
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Innovative project looking at light pollution and reduction of light pollution to reduce carbon, benefit wildlife and communities. Well written project which identifies impact measurements and communication of the project. If successful, the darks skies officer would also be able to support initiatives identified through the SDF grant such as Llanteg Hall car park lighting.

Project Summary: ***Energy reduction; lighting and heating improvements***

Ref: SDF /102022/11

Project Title: Reducing our carbon footprint: heat & lights project

Applicant: Tenby Museum and Art Gallery

Location of project: Tenby

Project description: The museum currently has antiquated lighting and heating systems that generate high levels of carbon emissions. Funding is sought to update these systems in order to reduce the museum's carbon footprint. The project will, 1. Help provide better collections care for the important collections which have local, regional and, in some cases, national importance 2. It will improve the visitor experience 3. It will improve the museum's sustainability 4. It will drastically reduce the museum's carbon footprint. Based on estimates from the supplier, the new LED lighting will see a probable 65.5% reduction CO2 emissions for the first year and the heating will run on 38% consumption compared currently use. Helping the museum to reduce its carbon footprint, work towards Wales' decarbonised targets and help address climate change issues. This new system will be compatible with solar panels, which the museum are exploring. Local suppliers and electricians will be used supporting the local economy. The decision to undertake this project has been agreed by the full board of trustees and staff.

Impact measurement: Energy provider reports which will show a reduction in energy usage (and so a carbon reduction) in Kw/h. Bills over the same period will be looked at for comparison. It is estimated that the new heating will have a rate consumption of 38% of our existing system and the LED lighting in the galleries will show an estimated 65.5% reduction in carbon emissions in the first year for a more sustainable future. A future application for solar panels, run off the back of the new system, will be the second phase of the project's impact.

Sustainability: This project will be the first phase in a longer term project to becoming more sustainable. The lights and heating are designed to be more effective and economical and thus reduce energy consumption moving forward towards a greener museum.

The project will be communicated locally via local press, social media and website. The museum is also looking to participate, during days in the winter months when it would normally be closed, in the Living Well This Winter project. Inviting vulnerable people from the community into the museum to keep warm and save costs on their own electricity bills as part of a social event. This will be advertised widely and the new heating systems will be the main focal point of this.

Total budget £13,280
Total requesting from SDF £10,624

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Charity registration number: 1169435
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		Friends of Tenby Museum Total Match funding: £2,656
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		LED lighting in 2 galleries £4,524 New on peak radiators throughout the museum £4,556 Electrical work £4,200 Total £13,280
Can be delivered in 6 -18 months	Y		November 2022, planned completion December
Planning consent	N/A		
Eligibility checks completed	Y		

Officers Recommendation – Approve

Rationale: Project based in the National Park starting on their journey of becoming more sustainable and reducing their carbon impact. Good application showing the benefits of the project and how it will be communicated.

Project Summary: *18-month community project driving grassroots action to tackle climate change.*

Ref: SDF /102022/12

Project Title: Community-led decarbonisation

Applicant: EcoDewi

Location of project: St Davids Peninsula with an impact in surrounding areas across Pembrokeshire

Project description: EcoDewi exists to drive grassroots action to tackle the climate emergency and inspire community involvement and collaboration. In 2021, SDF funding enabled them to deliver local decarbonisation activities. Whilst successful, ongoing COVID restrictions hampered progress. Funding for Phase 2 will allow consolidation of initial elements, establishing sustainable activities to further reduce local carbon emissions, whilst responding to climate/biodiversity emergencies. The two core strands of the project are:

1. Engagement & Collaboration. Increase community engagement and build strong working relationships with stakeholders, through:
 - a. Annual events. Lead the Great Big Green Week for the peninsula, in collaboration with Climate Cymru, PCNPA and local partners, to celebrate action and inspire others to get involved. Investigate additional events.
 - b. Bi-monthly networking events. Reintroduce regular events, giving communities an opportunity to hear about local action, suggest new ideas and aid collaboration, with occasional educational talks.
 - c. Newsletter & social media. Continue these effective means of inspiring community decarbonisation and updating on projects.
 - d. Authorities & schools. Further develop relationships with local authorities, especially community councils; successful long-term partnerships take time. Build on the success of projects with Roch School and St Davids City Council; aim to expand.

2. Decarbonisation Action. The project reduces carbon emissions but with additional funding and time can do more and establish sustainable projects, including:
 - a. Reducing waste & circular economy schemes. Protect our oceans, critical heat/carbon sinks, through regular beach cleans. Achieve Plastic Free Community accreditation in Solva, St Davids and Llanhrian. Investigate opportunities: extra recycling schemes; repair/reuse schemes like the repair cafe and clothes swaps. Collaborate with Surfers Against Sewage, Keep Wales Tidy, TYF, Oriol y Parc and schools.
 - b. Land management change & sustainable land use. This takes time to deliver properly. Phase 2 will allow consolidation of Phase 1 work to improve how local land is managed to capture carbon, support greater biodiversity and benefit wellbeing. Focus on the Mini Meadows project, inspiring residents, schools and businesses to create meadows which are great carbon sinks and support nature recovery. Work with local authorities to change management of verges and amenity grass; begun in 2022 with St Davids City and PCC. Further tree and hedgerow planting. Lead a larger-scale project in St Davids which can accommodate a meadow, community orchard, woodland and be accessible to the community. Continue to collaborate with landowners, the Cathedral, Dr Beynon, Pembrokeshire Nature Partnership, PCNPA conservation staff.
 - c. Stretch Goal - Supporting community renewable energy. Research renewables for local community buildings and schools liaising with PCC, Awel Aman Tawe, CARE, WGES and CEP.

Impact measurement:

- a. Number of activities and events held attendee numbers (and further demographics where allowed) and where possible surveys before/after showing changes in knowledge, attitude and behaviours. In addition, number of households, businesses, organisations, community councils etc engaged with, as well as partner organisations.
- b. Information on volunteers and those engaging with projects – details such as number of volunteers (and variations through project), reasons for volunteering, new or previous experience, impact on wellbeing, whether volunteering has changed other behaviours; this will help show effectiveness of our community engagement, awareness of climate change and changes in behaviour towards it.
- c. Community reach – new newsletter sign-up, social media stats.
- d. Carbon capture data – we will record projects where trees are planted, meadows restored, beaches cleaned and at the end of the project attempt to quantify the amount of carbon sequestered.
- e. Publishing of data - Collated data can then be recorded and displayed through a range of techniques such as simple infographics (as done for our 2021 Great Big Green Week event), mapping of positive action across our area of operation, and a written report.

Sustainability: The Phase 1 application stated the aim was to change mindsets, educate, and inspire people. Since phase 1, over 50 landowners have created mini meadows, sequestered carbon and boosted biodiversity, but there is potential for more. A community group and a small business have been inspired to run their own beach cleans in separate locations, having received training from Ecodewi. This approach will continue.

Developing strong partnerships, and collaboratively raising the profile of the work of Ecodewi the group will continue to influence community councils, raising the profile of climate change on their agenda, hopefully resulting in spin off decarbonisation efforts. Phase 2 more people and organisations will be empowered to deliver their own projects.

Funded work is required to tackle the climate emergency locally. Phase 1 funding allowed Ecodewi to develop relationships and establish projects, but COVID restrictions impacted efforts to make them self-sustaining. Funding for Phase 2 will give Ecodewi the additional time and structured support to expand their volunteer base and develop volunteer leaders for each area of our work, to ensure it continues long term.

EcoDewi is beginning to be recognised across Pembrokeshire as an organisation that delivers projects that benefit our environment and are approached by residents and organisations for support, as well as being Runners Up in the UK-wide Park Protectors award, nominated by both PCNPA and the 'Friends of'. Strengthening this further will help with collaborative work and result in more volunteers and increased community action.

As highlighted, engaging with the community is a core part of all EcoDewi's work. Communication with the community includes the following means:

1. Face to face community engagement events.
2. Online presence – website & social media.
3. E-newsletter - sent out every 2 months to supporters, volunteers and partner organisations highlighting Ecodewi work, other community decarbonisation efforts and opportunities for volunteering etc.

4. Community newsletters & press - when suitable and relevant, articles are submitted to external news sources.
5. External talks & events - Phase 1 has led to approaches from external organisations for EcoDewi to speak about their work
6. Awards - keen for volunteers to receive recognition so will look in Phase 2 at entering local and national awards to highlight their work at a different level and raise the profile even more.

Total budget £ 25,000
Total requesting from SDF £19,760

ELIGIBILITY CRITERIA	Yes	No	Comments
Not for profit Organisations	Y		Charitable Incorporated Organisation. Constitution provided.
Sufficient project detail supplied on/with application form	Y		
Minimum 20% match funding secured	Y		EcoDewi will seek out cash match funding as it did for Phase 1. However, all match-funding can be achieved through in-kind, volunteering hours, if required due to the amount of volunteering work completed across the project. Total Match funding: £5,240
Copies of quotations enclosed (where relevant)/ Notes of costings)	Y		Project Leadership £19,600 Tools & equipment £650 Event costs & Community training £1,500 Admin & IT (office supplies, stationary) £500 Marketing (online, print etc) £1,000 Insurance £200 Mileage allowance (@45p per mile) £550 Native wildflower seed £300 Native trees, fruits & hedging £700 Total project cost £25,000
Can be delivered in 6 -18 months	Y		1st December 2022 (for 18 months)
Planning consent	N/A		Different aspects of the project will require consents, but nothing is required to commence with Phase 2 of the project. EcoDewi will always ensure the correct permissions are gained when required. They have a good working relationship with St Davids Cathedral. For a new project site in St David's they are working are legal aspects of land use. For schools they will liaise with heads and business managers/PCC. For verges etc they are working with community councils and PCC environmental waste teams as well as

			community consultation. For beach cleans they liaise with PCNPA, NT, PCC and private landowners.
Eligibility checks completed	Y		

Officers Recommendation – Approve subject to the successful completion of pilot project

Rationale: They have demonstrated that they can deliver a behaviour change community project, despite the difficulties experienced due to the pandemic. It is recommended that this project is funded, however suggest they use time in Phase 2 to develop a business/ income funding plan.

3. Date of Future SDF Committee Meetings

1st February 2023

26th April 2023

Background Documents:

Author: Jessica Morgan External Funding Manager 19/09/2022

jessciam@pembrokeshirecoast.org.uk 01646 624 811 / 07929 852 260