

REPORT OF SDF ADMINISTRATOR

SUBJECT: SUSTAINABLE DEVELOPMENT FUND UPDATE REPORT

Background

The Sustainable Development Fund (SDF) supports innovative sustainable projects that develop and test new ways of achieving a more sustainable living for current and future generations. The funding is to assist projects that focus on demonstrating practical solutions relevant to environmental, social, cultural and economic aspects of life. Pembrokeshire Coast National Park Authority (PCNPA) administers the fund to projects which may range from locally based to those applying across the National Park or a wider area. National Park Authority Members who sit on the SDF Committee are responsible for considering all applications for financial assistance in connection with the SDF and to monitor and review the scheme

Project Applications

There are three new applications for consideration:-

SDF 0372 – Native Oyster Restoration Aquaculture Trial MRes

Funding is requested for Tethys Oysters Ltd to provide support for a Swansea University based student to undertake a 1 year research Masters on native oyster “Restoration Aquaculture” in Angle Bay.

Funding is requested over two financial years, 2017/18 and 2018/19.

SDF 0373 – South Pembrokeshire Woodland Services

Funding is requested to purchase an eight wheeled low footprint timber forwarder that will allow the extension of an existing forestry business to deliver low impact woodland and hedgerow management services in addition to providing wood-fuel and, where possible, saw grade timber to meet a growing local market.

Funding is requested in this financial year: 2017/18.

Any financial assistance awarded to this project would be State Aid and as such offered in line with Commission Regulation (EC) No 1407/2013 of 24 December 2013 on the application of Articles 107 and 108 of the Treaty to de minimis aid.

SDF 0374 – Heritage Guardians/Arwyr Amser

Funding is requested to work with local primary schools to ‘adopt’ a local heritage monument to help improve the appearance, access awareness monitoring and interpretation of sites in the National Park.

Funding is requested over three financial years, 2017/18, 2018/19 and 2019/20.

SDF Financial position

£200,000 was allocated to the SDF for the 2017-18 financial year and £19,218 of unclaimed funding was carried forward from 2016-17 to 2017-18 giving a total of £219,218 of funding available to support projects this financial year. £178,930 has already been committed, which leaves £40,288 of uncommitted funding available for new projects. Applications received are requesting £25,475 in 2017-18, £7,972 in 2018-19 and £4,782 in 2019-20. Therefore, if deemed worthy there is sufficient funding available to support all the project applications received and there would still remain £14,813 of uncommitted funding available for additional new applications.

A detailed breakdown of project funding can be viewed in Appendix 1.

The following table gives the summary financial position for the fund:-

	2016/17 (£)	2017/18 (£)	2018/19 (£)	2019/20 (£)
SDF grant	121,390	200,000		
Funding carried forward	42,385	19,218		
Total Funding available	163,775	219,218		
Little Green Grant	5,920	5,092*		
SDF committed spend	156,248	173,838	56,760	
Projects for consideration		25,475	7,972	4,782
Total paid to SDF Projects	144,557	24,999**		
Balance/Uncommitted	19,218	14,813		

* LGG projects plus PAVS administration allowance at £8.45/hr

** Paid to date i.e. 26/09/17. Next claims are due 16/10/17 for period up to 30/09/17

The funding requested by the four applications under consideration is tabulated below:-

Application Reference	Planned 17-18 (£)	Planned 18-19 (£)	Planned 19-20 (£)	Total (£)
SDF0372	2,750	1,250		4,000
SDF0373	22,500			22,500
SDF0374	225	6,722	4,782	11,729
Total	25,475	7,972	4,782	38,229

Project Progress

Summary detail of all projects, including Little Green Grants, is provided in Appendix 3. More detail on any project is available upon request.

Little Green Grant – Funding for a sustainable Pembrokeshire

The **Little Green Grant (LGG)** helps to deliver the fundamental principles of the SDF. Applicants may apply for up to £1,500 towards a project. Administration of the LGG is undertaken by Pembrokeshire Association of Voluntary Services (PAVS).

Three applications have been received to date in 2017-18 as shown below:-

Ref	Project Title	Applicant	Decision	Funding approved 2017-18 (£)
LGG-67	Bird watching platform and walkway	Support the Boardwalk	Approved	1,500
LGG - 68	Passport to Pembrokeshire	Clybiau Plant Cymru Kids' Clubs	Pending	(1,312)
LGG -69	Surplus Food Café	Pembroke 21C	Pending	(1,358)
			TOTAL	1,500

One application has been approved and two, submitted by the September 2017 deadline, are at the time of writing this report under consideration. There remains £3,000 committed for allocation to LGG projects. The next application deadline for LGG applications is 12th January 2018.

A summary of the LGG finances is show in the table below:-

	2012/13 £	2013/14 £	2014/15 £	2015/16 £	2016/17 £	2017/18 £
Committed to PAVS for LGG Projects	6,000	6,000	4,500	7,025	5,920	4,500
Committed to PAVS for Admin						592
Refund -unspent LGG				686		3,000
Money committed to approved projects	7,554	4,343	4,500	7,712	5,920	1,500
PAVS admin payment made						114
Balance	-1,554	1,657	£0	0	0	3,477

SDF Committee Membership and Policy Review

Following an advertisement and recruitment process in accordance with the SDF Policy, two new Advisory Members have been appointed to the SDF Committee representing the Business/Private sector and two Advisory Members representing the Voluntary/Community Sector have been re-appointed. The term of appointment for all Advisory Members is four years. The Advisory Members representing the Public sector remain unchanged.

Detail of the SDF Committee membership is provided in Appendix 2

SDF and LGG Leaflets

The new LGG and SDF leaflets are now available in both hard copy and electronically on the website. Copies are available upon request for SDF Committee Members to distribute.

Royal Welsh

The SDF was showcased at the Royal Welsh Show in July 2017, in a partnership event with the other two Welsh National Parks and the Areas of Outstanding Natural Beauty (AONBs). Project Officers from Arborculture attended the event together with the SDF Administrator, PCNPA Chief Executive and PCNPA Chairman. The innovation and benefits of Arborculture's 'Using Compost Heat Recovery to kiln dry firewood' project, were presented to Minister Lesley Griffiths.

Arborculture (formerly LM Tree Solutions), a small National Park based tree surgery and woodland management business is receiving funding towards the design and construction of an ecologically heated firewood kiln. The aim is to secure the successful sustainable diversification and expansion of a small rural enterprise. This will also benefit the National Park by helping to retain money in the locality and preserve our rural communities, offer future training and employment opportunities and provide ongoing sustainable woodland management thus protecting habitats and wildlife.

SDF Annual Report 2016-17

The SDF end of year 2016-17 Annual Report is complete and has been circulated to the SDF Committee.

To summarise, in 2016-17 the SDF contributed £144,557 to support 19 (including 5LGG) projects. These projects covered a number of key work areas that are important to our protected landscape and achieving PCNPA Management Plan and Improvement Plan objectives. The £144,557 of funding attracted match funding of £320,709 and contributed to projects with an overall value of £465,266. All the projects supported delivered one or more of the principles of sustainable development helping to improve the economic, social, environmental and cultural well-being of the Pembrokeshire Coast National Park and our communities.

Date of Future SDF Committee Meetings

January 24th 2018

April 18th 2018

Appendix I

	SDF Projects	Project value	SDF funding	Intervention rate	SDF paid to date	Planned 15/16	Planned 16/17	Planned 17/18	Planned 18/19	
343	A stitch in Time PCNPA	51625.90	25318.25	49.04%	24140.45	23622.35	1177.80	0.00		
345	Biomass Firewood Kiln LM Tree Solutions	27720.00	11760.00	42.42%	7647.11	11760.00	5567.63	4112.89		
346	Solva Care Solva Community Council	94038.00	26788.04	28.49%	21514.38	12704.00	14084.04	0.00		
347	Off Grid Street Food Pemb's Beach Food Co Ltd	10240.69	5120.69	50.00%	5120.69	5120.69	0.00	0.00		
348	Medieval Kiln Newport Memorial Hall	131150.00	15000.00	11.44%	13500.00	15000.00	15000.00	1500.00		
349	Dr Beynon's Bug Farm Phase 3 Dr Beynon's Bug Farm Ltd	132063.00	32034.00	24.26%	32034.00	32034.00	0.00	0.00		
351	Marine Energy - Education and Fisheries Pembrokeshire Coastal Forum	10286.55	4981.55	48.43%	4828.16	4981.55	0.00	0.00		
352	Bee Wild West Wales BBCT	70493.00	20824.00	29.54%	12874.13	6497.33	7905.00	6022.54	1927.33	
354	Pembrokeshire Sustainable Shellfish Pilot Initiative Pemb's Marine SAC	40851.35	20237.35	49.54%	14451.33	5436.02	15189.81	5786.02		
355	Strumble Tidal Flow TBG	31374.00	14775.00	47.09%	16252.50	0.00	14775.00	0.00		
356	On the Trail of Wild Honey Jordanston Mountain	22475.00	10080.00	44.85%	10080.00	10080.00	2876.00	0.00		
357	Compost Heat Recovery LM Tree Solutions	59478.84	29928.84	50.32%	25661.47	0.00	29928.84	6623.67		
358	Pembrokeshire Park Play, Our Way Clybiau Plant Cymru Kid's Clubs	10194.13	5045.76	49.50%	5045.76	0.00	5045.76	0.00		
359	Pembrokeshire Outdoor Schools PCNPA	40427.00	18637.00	46.10%	4687.60	0.00	9257.00	13949.40		
360	Naturally Connected PCNPA	15675.00	7800.00	49.76%	4170.22	0.00	7500.00	3629.78		
361	Coastal Curriculum - Marine Energy PCF	6990.25	3490.25	49.93%	3490.25	0.00	3490.25	0.00		
362	Coleg Y Mor Sea Trust	75751.50	25525.70	33.70%	26965.35	0.00	18530.75	6994.95		
364	Solva Care - Development Solva CC	74461.00	21421.00	28.77%	2655.30	0.00	0.00	10710.50	10710.50	
365	Slipper Limpet Hemocyanin Study Mikota Ltd	129975.56	34413.25	26.48%	0.00	0.00	0.00	16839.51	7908.98	
366	Sustainable Seaweed Management Greenseas Resources Ltd	85000.00	40000.00	47.06%	14375.00	0.00	0.00	40000.00	0.00	
367	Well-being KWT	18830.00	6000.00	31.86%	0.00	0.00	0.00	6000.00	0.00	
368	MRE Supply Chain PCF	57518.27	17255.48	30.00%	0.00	0.00	0.00	17255.48	0.00	
369	Brynberian Community Centre Brynberian Community Centre	81900.00	38500.00	47.01%	0.00	0.00	0.00	20950.00	17550.00	
371	Coleg y Mor - Phase 2 Sea Trust	93100.00	32127.00	34.51%	0.00	0.00	0.00	13463.50	18663.50	
	TOTALS	1487159.92	524904.04		266128.61	127235.94	150327.88	173838.24	56760.31	0.00
	SDF Deferred Projects									
	Total									
	Projects for consideration					Planned 15-16	Planned 16-17	Planned 17-18	Planned 18-19	Planned 19-20
372	Native Oyster Restoration Aquaculture							2750	1250	
373	South Pembrokeshire Woodland Services							22500		
374	Heritage Guardians PCNPA							225.4	6721.6	4781.6
	Total					0.00	0.00	25,475.40	7,971.60	4,781.60

Appendix 2

Name	Date of Appointment	Substitute name	Date of Appointment	Organisation
Authority Members				
Mr Ted Sangster				PCNPA
Mrs Julie James	June 2017			PCNPA
Cllr Michael Williams				PCNPA
Cllr Kevin Doolin	June 2017			PCNPA
Cllr Mike James				PCNPA
Cllr Steve Yelland	June 2017			PCNPA
Advisory Members				
Public Sector				
Mr Peter Howe	Aug. 2015	Mr Martin White	Aug 2012	Pembrokeshire County Council
Mr Glyn Lloyd-Jones	Jan 2017	Mr Robert Phillips	Jan 2017	Natural Resources Wales
Private/Business Sector				
Mrs Julia Mansfield	Sept 2017			Private business
Ms Sarah Green	Sept 2017			Private business
Voluntary/Community				
Ms Lorna Livock	Aug 2012 July 2014 Sept 2017	Vanessa John	July 2014 Sept 2017	Pembrokeshire Association of Voluntary Services
Mr Steven Bradley	Nov 2015 Sept 2017	Jess Morgan/Karen Scott	Sept 2017	PLANED

SDF Projects – Summary Table

Appendix 3

Ref SDF	Project	Description and Progress	Total Project Value (£)	Grant Approved (£)	Grant Paid to 26-09-17 (£)
Active Projects 2017-18					
345	Biomass Firewood Kiln (Arborculture <i>formerly known as LM Tree Solutions</i>)	SDF funding is contributing towards a firewood kiln that is integral to the sustainable expansion of a local tree surgery business. The kiln will be heated by an innovative patented compost heat recovery system that is also being part funded by SDF. The start of this project was delayed to resolve site suitability and planning permission issues but work is now progressing. The groundworks have been undertaken, the kiln purchased and insulated and underfloor heating installed. Fitting the unit heaters/ventilation remains outstanding but should take place in forthcoming weeks once the kiln is enclosed and weather proof.	27,720	11,760	7,647
348	Newport Medieval Kiln – Conservation and Interpretation (Newport Memorial)	The community aim is to create a new cultural heritage attraction by conserving a medieval pottery kiln (15 th Century), registered as a scheduled Ancient Monument by opening it up to the public. Essential structural changes will improve environmental conditions currently threatening the fabric of the kiln. This work will also allow public access and provide a multi-purpose education resource area with interpretation of the kiln and medieval Newport. The start of this project was significantly delayed but ground work for access and work to create a Marketing, Interpretation and Education Plan is now progressing. Archaeologists have to conduct a 3d-scan of the now uncovered kiln before conservation work will begin.	131,150	15,000	13,500
352	Bee Wild West Wales	Through learning and participation this project will use fun and interactive ways to engage, promote and enable action to make	70,493	20,824	12,874

Ref SDF	Project	Description and Progress	Total Project Value (£)	Grant Approved (£)	Grant Paid to 26-09-17 (£)
	(Bumblebee Conservation Trust (BBCT))	PCNP a buzzing haven for bumblebees. Working with communities, BBCT will explain the importance of bees and what can be done to protect them. They will achieve this through citizen science, conservation work parties, events, an education and activity programme and a toolkit for community groups, which will help to make green spaces more bee friendly. A factsheet, identification card, leaflets ('Shrill carder bee', 'About bumblebees' and 'Gardening for bees') and six activity sheets have been produced. Mapping/survey work, events training and conservation work parties are all taking place.			
354	Pembrokeshire Sustainable Shellfish Pilot Initiative (Pembs Marine SAC)	This project aims to demonstrate, through education, raising awareness and the introduction of a series of practical measures that it is possible to improve the sustainability of static fishing gear off the Pembrokeshire Coast and consequently reduce the negative impact that lost gear is having on the marine environment and local economy. 21 local fishermen are participating in the pilot and they are being encouraged to introduce one or more voluntary initiatives into their fishing practice to help to test ways to reduce their impact on the environment and demonstrate a proactive solution to some of the recognised issues. At the start of the project a film was made and launched to raise the profile of the initiative with other fishermen. The gear trial and monitoring is ongoing with pots going back out again after being brought in for the winter.	40,851	20,237	14,451
357	Compost Heat Recovery (Arborculture formerly known as LM Tree Solutions)	To enable the expansion of a National Park based tree surgery business this project will use an innovative compost heat recovery (CHR) system as an environmentally friendly source of heat for a kiln to dry firewood. Virgin timber woodchip arising from tree surgery operations will be composted in a specially constructed composting area incorporating a patented compost aeration and heat recovery	59,479	29,929	25,661

Ref SDF	Project	Description and Progress	Total Project Value (£)	Grant Approved (£)	Grant Paid to 26-09-17 (£)
		system. In addition to using a renewable source of heat to heat the kiln the project will secure a sustainable local business, future training and employment opportunities and ongoing sustainable woodland management protecting habitats and wildlife. Preparatory groundwork for the heat exchange house, building the heat exchange house and system design work are complete and installation of the CHR system is in progress.			
359	Pembrokeshire Outdoor Schools (PCNPA)	Funding for a part time Pembrokeshire Outdoor Schools project coordinator will contribute towards the development and delivery of a new programme of training and support for schools. This will assist them to become more effective in delivering outdoor education. The programme will focus on a wide range of cross-curricular learning opportunities, whilst also promoting a greater understanding of and empathy with PCNP and more generally, the natural world. Despite a delay in appointing the Coordinator the project is delivering training for teachers, including:- Digital competence in the outdoors, Introduction to Outdoor schools and Foundation Phase Outdoor Schools. 8 different partner organisations contributed to the training and a total of 100 teachers attended training between Jan and March 2017.	40,427	18,637	4,688
360	Naturally Connected (PCNPA)	PCNPA will work with an ecologist to pilot a new engagement initiative with tourism business who own land in the PCNP. Specialist information on 'wildlife friendly' land management practices, wildlife value and wildlife experiences within the immediate locality will be provided to participating businesses to benefit both the environment and the businesses. Assistance will be provided to implement any recommendations for enhancement of land and buildings for wildlife. To date information packs have been written for the seven tourism businesses engaged in the pilot and biodiversity projects discussed	15,675	7,800	4,170

Ref SDF	Project	Description and Progress	Total Project Value (£)	Grant Approved (£)	Grant Paid to 26-09-17 (£)
		and agreed in principle with four businesses.			
362	Coleg y Mor (Sea Trust)	Funding is contributing towards the employment of a part time Project Development Officer to develop the concept of a financially viable Coleg y Mor/Marine Academy at the Ocean lab building in Goodwick. This Welsh centre of excellence will deliver education, scientific research, environmental monitoring and also be a visitor attraction housing a refurbished aquarium. Importantly the project will explore the possibilities for placing the important conservation and monitoring work currently undertaken by the Sea Trust on a more secure and sustainable footing, thus securing the delivery of much wider environmental, social and economic benefits into the future. The majority of the aquarium upgrade is now complete and proving successful. School activities continue to be delivered and a new course, part of a Porpoise Fin ID project is under development. The work undertaken is helping to attract more interns and volunteer graduates, resulting in more inquiries from schools and for accredited courses and should attract a higher number of visitors from April to September 2017.	75,752	29,962	26,965
364	Solva Care – Development (Solva CC)	Following completion of the pilot phase this project will build upon the best practice trialled and delivered to date. It will go further by integrating the new voluntary services with services being delivered by the local Authority or private domiciliary care providers. In addition this phase will extend the service user base and provide a more preventative service. Development of a website, vetting and recommending local tradespeople and investigating a model for future financial sustainability are other new work areas being undertaken as this project progresses.	74,461	21,421	2,655
365	Slipper Limpet Hemocyanin	This project is a research study to investigate the extraction of hemocyanin from the invasive non-native slipper limpet and compare	129,976	34,413	0

Ref SDF	Project	Description and Progress	Total Project Value (£)	Grant Approved (£)	Grant Paid to 26-09-17 (£)
	Study (Mikota Ltd)	it against existing hemocyanins used in pharma products. Hemocyanin is a crucial protein adjuvant for vaccines and other cancer therapies. It is known that slipper limpets contain hemocyanin but not known whether it can be extracted in commercial quantities, whether it is possible to purify it in a similar way to other extracted hemocyanins, or how it compares to other products. This project will determine this and in addition develop a plan for slipper limpet extraction and handling for fishermen who catch the limpet as a by-catch. In the future this project has the potential to bring significant environmental and economic benefits to the area.			
366	Sustainable Seaweed Management (Greenseas Resources Ltd)	This project focusses on the management of seaweed blooms in the Milford Haven Waterway as a way to address the issue of high nutrient levels affecting water quality. Project work will include an options appraisal and financial model for use of seaweed as feedstock for anaerobic digestion to produce biogas and fertiliser for local use. Also a feasibility study to explore how the management and growth of seaweed could pay a role in Payment for Ecosystems Services schemes such as "Ecobank", which is being piloted locally.	85,000	40,000	14,375
367	Well-being (KWT)	This project will increase the awareness and understanding of Welsh culture and heritage and improve access to Wellsprings (sacred springs, holy wells and medicinal spas) in the Pembrokeshire Coast National Park. The wells will be researched, investigated and surveyed to improve current records specifically around St Davids and Strumble Head. Local communities will be engaged to conserve and promote their local wells and in the longer term businesses will be encouraged to promote the tourism benefits of the wellsprings and their links to other heritage sites.	18,830	6,000	0
368	Marine Renewable	The Marine Renewable Supply Chain Development (MRESCD) project will assess the supply chain capabilities of Pembrokeshire	57,518	17,255	0

Ref SDF	Project	Description and Progress	Total Project Value (£)	Grant Approved (£)	Grant Paid to 26-09-17 (£)
	Energy Supply Chain (Pembs Coastal Forum)	companies with the potential to diversify into the Marine Renewable Energy (MRE) industry. It will also provide stakeholder engagement and 'Meet the Buyer' opportunities for these companies with the aim of helping them to diversify into a new and lucrative market. Providing the local supply chain a 'gateway' to develop in the emerging marine energy sector will help to provide long term economic, societal and environmental sustainability.			
369	Brynberian Community Centre (Brynberian Community Centre)	This project to refurbish Brynberian community centre, including the creation of a new Heritage Centre, will deliver a sustainable, fit for purpose social hub for the village and the surrounding area.	81,900	38,500	0
371	Coleg y Môr Phase 2 (Sea Trust)	Sea Trust will build upon the success of their Phase 1 project to expand their outdoor educational activities and in addition diversify into eco- tourism activities. This will complement their core conservation work, education activities and running the Sea Môr aquarium whilst assisting to secure longer term financial viability.	93,100	32,127	0
Little Green Grants 2017-18					
LGG-67	Bird Watching Platform (Support the Boardwalk)	This project will enhance the Broadhaven Slashpond Boardwalk visitor experience by erecting a bird viewing platform/hide and providing supporting information to increase the visitor's appreciation of the native wildlife. The new bird viewing area will be accessible to all allowing users to observe the habitat and its wildlife.	11,995	1,500	1,500