

Cornwall Sustainable Energy Partnership *Spring 2005 Newsletter*

Dear Partners

Thanks to you and all the others who either play an active role in CSEP, or are just simply interested in its progress, the first third of 2005 has been one of busy consolidation, challenge and success. This newsletter provides an outline of what has been happening and what is planned. Four things for me to pick out: (i) success for all our Local Authorities in achieving Beacon Council Status - this was awarded because of their role in CSEP and the Energy Strategy; (ii) the delivery of the LPSA target; (iii) the development of the Energy in Buildings and Energy in Transport groups and (iv) the ENERGY IN REGENERATION conference. This is a UK (& European) event being held in Cornwall - make sure you register early...see you there.

Tim German,
CEP Manager

SA = Strategy Action (followed by No. of relevant action in the *Energy Strategy for Cornwall*)

Spring 2005 News (Feb - April)

SA1: CSEP welcomed **Pip Northcott** to the secretariat team in March. Pip is on secondment from Cornwall County Council's Planning, Transportation and Estates department and is providing the CSEP office with much needed administration assistance.

Contact: pip@csep.co.uk

SA1: We are delighted to announce that Cornwall County Council (CCC) together with the six District/Borough Councils and the Council of the Isles of Scilly have been awarded **Beacon Council** status for partnership working through CSEP on Sustainable Energy initiatives. Beacon Status lasts for a year, during which all the councils will be involved in a busy calendar of events to disseminate their good practice to other local authorities across the UK. The award will fund a new post at CSEP for a **Publicity and Promotion Officer**, advertised on the CSEP website (closing date: **12 May 2005**).

Web-link: <http://www.csep.co.uk/page52g.html>

SA1: *Community Energy Plus* (CEP) has been short-listed for the prestigious **Ashden Awards**. The judging panel's advisor visited CEP in April and the next stage is a panel interview in June. If successful it will enable CEP to enhance and expand its community outreach service for renewable energy and energy efficiency projects. Ashden Awards Website: <http://www.ashdenawards.org/>

Contact: dionne@csep.co.uk

SA1: Inter task group working has been progressed by the formation of a new **Transport Group** (focusing on alternative fuels) and a new **Energy in Buildings Group**. Scoping meetings were held in March and April for the new groups and Terms of Reference are being drawn up.

Contact: katy@csep.co.uk

SA2, SA13, SA14, SA15, SA19, SA20, SA21: CPR Regeneration has submitted a funding application to SWRDA to conduct a *Feasibility Study for a Sustainable Energy Infrastructure* in the **Camborne-Pool-Redruth** regeneration area. CSEP is the project manager for the study, which is being match-funded by EDF Energy. The Carbon Trust funded PB Power to write a brief for the study. Contact:

dionne@csep.co.uk

SA3a: Tim German attended the RegenSW County Champions meeting in April and gave input to the **Revision 2020 and Regional Spatial Strategy** consultation. CSEP submitted a response to the SW Housing Body's consultation on the **Regional Housing Strategy** in April. CSEP also submitted a detailed response from the Partnership to **DEFRA's Review of the UK Climate Change Programme** in February and assisted Impetus with research related to the review.

Websites: http://www.southwest-ra.gov.uk/swra/ourwork/RSS/RSS_index.shtml
<http://www.southwesthousingbody.org.uk/news.html>
Contact: tim@csep.co.uk

SA3b: CSEP Manager, Tim German is on the secretariat of the European Conference of Peripheral Maritime Regions Energy Working Group and represented Cornwall's interests at the group's last meeting in Brussels in April.

SA3b, SA15, SA21: CSEP is hosting a strategic Conference on 11 July 2005 in conjunction with Cornwall Plus and supported by EDF Energy. The conference, entitled '*Energy in Regeneration: is Energy the Cinderella of regeneration?*' includes workshops that will inform decision making on future EU and national funds. It will take place at the CUC Tremough campus in Penryn. The conference has been advertised nationally and early booking is advised. A programme and booking form is available on the CSEP website: <http://www.csep.co.uk/page59g.html>
Contact: katy@csep.co.uk

SA3a: The Feb 2005 regional Survey of renewable electricity and heat projects in the South West is now available on the RegenSW website. Cornwall has the region's highest level of installed capacity for renewable electricity, accounting for 43% of the SW total. However, the survey shows that Cornwall's installed capacity has fallen from 49 to 46MW in the last year. We have asked RegenSW to determine why. The report states that Devon is set to overtake Cornwall as the SW's lead county for RE in the next 2 years because it has 100MW of proposals in the planning pipeline. Cornwall has the 2nd highest installed capacity of 'green heat' projects in the SW (Devon leads). The survey can be viewed at: <http://www.regensw.co.uk/press/news-read.asp?id=30>

SA4, SA9: CSEP submitted a very positive end of year LPSA1 progress report to Cornwall County Council in April. All four target indicators have now been achieved, with Home Health currently accounting for 82% of the 3000 'stretch'. This fantastic progress has come about through increased partnership-working between CSEP's local authority, housing association, EEAC, PCT, utility and community partners on Home Health projects (managed by CEP) and other background initiatives to increase the take up of free domestic energy efficiency measures in vulnerable homes. Thanks to all involved. CSEP has now submitted an exit strategy to the LA Chief Executive's group regarding allocation of the anticipated £951,000 reward funding to enable the continued roll out of Home Health projects from April 2006 and achievement of a new LPSA2 target for RE solutions in rural areas. Web-link: <http://www.csep.co.uk/page60g.html> Contact: dionne@csep.co.uk

SA9: Since its inception in 2001 the Home Health programme has achieved the following results: 3012 referrals generated, 5036 homes accessed, of which 3023 homes have had at least 1 major energy efficiency measure installed. 1326 referrals have been made to charity partners for additional help. Work has started on 2 new SRB6-funded zones in Hayle (Penwith) and St Day (Kerrier). Mapping and contractual agreements are in progress for new 05-06yr Home Health Plus projects in Caradon, Carrick, North Cornwall and Restormel. CEP has taken on project management of all new Home Health projects (a role previously performed by Eaga). Contact: dionne@csep.co.uk
Web link: <http://www.csep.co.uk/page48g.html>

SA11, SA13, SA14, SA15, SA16, SA21: CSEP has submitted a proposal to Cornwall's 5 Local Strategic Partnerships for a 2nd generation LPSA target to address energy deprivation and social exclusion in Cornwall by increasing the take-up of renewable energy and low carbon measures in domestic and (possibly) community buildings. The proposal is a key project for the new CSEP Energy in Buildings Task Group to progress. Contact: dionne@csep.co.uk

SA14, SA21: The Well Being Centre in Illogan installed a 4.8kWp photovoltaic array in February. The grid connected PV panels were funded by generous support from *EDF Energy Trust* and the *DTI PV* scheme. CEP and CSEP staff assisted with grant applications, technical advice and community consultation. The community education centre celebrated with a free Green Feast Day on Sunday **1st May** (11am - 4pm), which included a sustainable energy talk and exhibition by CEP and test-driving of electric cars. The centre is investigating the possibility of purchasing an electric car (powered by the

PV array) for loan to the local community. Web-link: <http://www.csep.co.uk/page32g.html>
Contact: alec@cep.org.uk

SA14: The Eden Project will host the launch of the **Cornwall Switch Campaign** on 12 May. Surplus income will be donated to Oxfam, Water Aid and a new local sustainable energy grants programme (The Cornwall Green Communities Fund) run in partnership with CEP and Cornwall Community Foundation. Contact: alec@cep.org.uk

SA15: Kerrier District Council held a concept design competition for the **Tuckingmill Valley Centre of Excellence**. Three architects submitted proposals in April, which are currently being assessed. CEP and CSEP staff advised on the energy aspects of the proposed building. Contact: dionne@csep.co.uk

SA17: The results of the **Wave Hub** feasibility study were presented to the CSEP Marine Renewables stakeholder Group in February. The study concluded that the project is technically viable. SWRDA has appointed Halcrow to undertake an Environmental Impact Assessment (EIA) during 2005. An initial stakeholder meeting at CSEP HQ was held in April to discuss the EIA. The feasibility study and EIA consultation leaflet is available on the CSEP website at: <http://www.csep.co.uk/page51g.html>
Contact katy@csep.co.uk

SA19: On 25 February, CSEP Manager, Tim German, presented a talk on '*Sustainable Energy in Cornwall*' at a **Farm Energy Exhibition** in Wadebridge organised by the Farm Environment Link Project team of FWAG (Farming and Wildlife Advisory Group). CSEP had a stall offering technical and funding advice at the event, which was attended by 175 farmers. The event was supported by the Environment Agency, Cornwall County Council, Objective One (EAGGF) and DEFRA.
Web-link: <http://www.csep.co.uk/page46g.html>

SA19: The **Bioscope** feasibility study for New County Hall is nearing completion and will be presented to key stakeholders in June. Contact: dionne@csep.co.uk
Web link: <http://www.csep.co.uk/page46g.html>

SA21: **KyotointheHome** - CSEP has submitted an application for European funding from the Intelligent Energy Europe programme. The project aims to develop a European consensus on how to train teachers, educate students, inform families and train the persons who train the teachers. It involves 17 partners in 11 countries. Contact: lindsay@csep.co.uk

SA21: **Carn Yorth** outdoor education centre near St Just has successfully been awarded *Community Chest* funding matched with CEP in-kind funding, to install educational and fun renewables such as a pedal cinema and solar 'bubbles' fountain along with solar showers for campers. CEP and CSEP staff assisted the centre with funding applications for solar PV & Solar hot water systems for the main building. The building has been designed by Cornwall County Council. Contact: neil@cep.org.uk

SA21: **Sennen Ground Force** project - CEP is leading an energy education project in Penwith funded by the *Community Learning Chest*. Two fountains powered by micro-wind & solar photovoltaic panels have been installed, awaiting final wiring up when the garden is completed. Pupils will carry out a monitoring experiment on the fountains designed to increase their understanding of renewable energy. Contact: neil@cep.org.uk Web link: <http://www.cep.org.uk/communityrenewable.php>

SA21: Building work has started on a sustainably constructed show house at **Colliford Lake Park** near Bodmin Moor. The building is an offsite (German) manufactured house by the Haas company of Bavaria. The show house will have a complete wood pellet central heating system, solar PV & solar thermal and hopefully a micro wind turbine. It will house a permanent display of the construction methods and different renewable energy and energy saving systems. It is planned to erect the shell in 2 days (including all walls, windows and roof construction) at the beginning of June and to finish the fitting out within 4 - 6 weeks. Colliford Lake Park attracts 30,000 visitors a year.
Contact: mskinley@samapro.co.uk (CSEP Renewable Energy Task Group)

SA21: **Green Week 2005** takes place from 31 May - 3 June with the theme 'getting to grips with climate change'. Green Week is an annual event organised by the European Commission's Directorate General for the Environment. A series of seminars will be held during the week, bringing stakeholders

and experts together to provide the Commission with the knowledge and views to help further develop climate change policies. CSEP has been selected as a best practice partnership to participate in this year's exhibition, which attracts some 4,000 people each year.

Contact: lindsay@csep.co.uk

Web-site: http://europa.eu.int/comm/environment/greenweek/index_en.htm

SA21: The British Council/British Embassy are proposing to organise a **conference in Brussels** during the UK Presidency on the theme of renewable energy, focused around best practice in the UK and Belgium. The event is primarily aimed at developing closer links between Belgium and the UK, and transferring best practice between the countries, but will be profiled as a European conference. CSEP and Cornwall County Council have expressed an interest in taking part. Contact: tim@csep.co.uk

SA21: CSEP and the Beacon Councils will be exhibiting in a marquee opposite the Cornwall County Council stand at the **Royal Cornwall Show** on 9-11th June 2005. CSEP partners are invited to book low cost exhibition space in the marquee with katy@csep.co.uk by **6 May**.

SA21: In February CEP gave a sustainable energy presentation with interactive RE gadgets to students from Cape Cornwall School at the new **St Just Youth and Community Project Office**.

Contact: neil@cep.org.uk or jyccp@tesco.net

SA22, SA29: CSEP and Cornwall Business School (CBS), part of Cornwall College, have submitted a partnership application to the Devon & Cornwall Learning and Skills Council (LSC) to provide **environmental management training for SMEs**. The application has been made in response to a tender specification published by the LSC at the beginning of April. If successful, CSEP and CBS will work together to promote the wider economic benefits of improved environmental management and to encourage SMEs and their employees to participate in accredited environmental training courses, which will be offered through the project at highly subsidised rates. Contact: lindsay@csep.co.uk

SA23: In April CSEP organised a seminar for 40 local authority and housing association officers on the revised *Part L Building Regulations* and *Directive 2002/91/EC on the Energy Performance of Buildings* (EPB), which comes into force in Jan 2006. Gordon Smith, Director of Faber Maunsell led the seminar. All buildings (new and existing) that are constructed, sold or rented will need to comply with the new regulations. It will also apply to renovation work valued at over £8k. The revision adopts a carbon performance standard as the primary measure of compliance. New buildings will be required to emit 20-25% less carbon than the equivalent building constructed under the year 2000 regulations and if renewable energy measures are installed this will result in a positive credit.

http://www.odpm.gov.uk/stellent/groups/odpm_buildreg/documents/divisionhomepage/br0032.hcsp
http://www.practicalhelp.org.uk/downloads/eu_buildings_directive_bn.pdf

SA23: ESD (Energy for Sustainable Development) held an open day on *Ground Source Heat Pumps* for Housing Associations at Ludgvan Community Hall. Penwith Housing Association presented their experience of installing GSHP's in new-build and retrofit situations. Seven housing associations from around the UK attended. Ludgvan residents came for lunch and the visitors were able to look over the fourteen Ludgvan retrofit installations.

News on Cornwall Energy Efficiency Advice Centre and Community Energy Plus:

CEP's EEAC and Community teams have been reorganised to enhance the customer experience for Home Health projects and community initiatives. The Community team now consists of Alec Rice (Community Team Manager), Neil Farrington (Outreach and Training officer) and John Edwards (Technical Officer). The EEAC team now consists of Julia Tibbett (EEAC Manager), Brian Hayes (Energy Advisor), Phill Cross (Energy Advisor), Andy Mackenzie (Project Officer) and Jaqui Sheils (Project Officer) who starts on 3rd May. Hayley Uren is now on maternity leave and will join Jerry Board in the Director's team on her return. For more news from the **Cornwall Energy Efficiency Advice Centre** and the community team at **Community Energy Plus** please see www.cep.org.uk

Renewables News:

If any partners are able to assist with sourcing potential funding for the following projects, please contact: dionne@csep.co.uk

Atlantis project - proposed HQ for Westcountry Rivers Trust, new build incorporating sustainable energy design and technologies. See: <http://www.wrt.org.uk/projects/atlantis.htm>
Cornwall County Council - proposal to install biomass heating in a number of new-build school Child Care Centres across Cornwall.
Royal Cornwall Hospitals Trust - proposal to install a 1MW wood fuel boiler at Treliske Hospital.
Falmouth Docks - £15,000 match-funding is being sought for a full feasibility study for a CHP proposal for the docks, town centre, leisure pool and hotels; including biomass and waste oil potential.
Tuckingmill Valley Centre - proposal to incorporate sustainable energy design and technologies into a new BTCV HQ and community facility in Kerrier.

Geoscience has recently completed **Ground Source Heat Pump (GSHP)** schemes at the new Walker Lines Business Unit at Bodmin (for North Cornwall District Council), a new dental surgery at Liskeard (for Caradon District Council). Drilling has been completed for a GSHP installation for a new Technical Design Centre under construction at Camborne School.

The **Clear Skies** national summary lists a number of grants awarded to schemes in Cornwall, including: *Wendron Cricket Club* (GSHP); *Eden Project* (biomass); *Constantine pre-school* (GSHP); *Cornwall Wildlife Trust* (solar thermal); *Blisland Community Association* (GSHP), *Caradon DC - dentists* (GSHP); *South Wheatley Environmental Trust* (wind), *Pendeen PPMI* (GSHP), *Penwith Housing Association* (GSHP). 273 awards are listed on the Clear Skies summary, of which 58 are in the South East, 40 South West (15%), 28 East Midlands, 23 Yorks & Humber, 21 in London, 21 Wales, 20 Eastern, 17 West Midlands, 16 Northern Ireland, 15 North West, 14 North East.

Latest CSEP Website Statistics (Jan to Mar 2005):

Total visits to the site for the quarter = 9948 (Jan = 3166, Feb = 3276, Mar = 3506).
Average No. of visits per day for the quarter = 111 (Jan = 102, Feb = 117, Mar = 113).
Most popular page: Home Page (Jan, Feb & Mar).
The most popular task group page is the Renewable Energy Task Group.

Forthcoming Diary Dates 2005:

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|-----------------|--|
| 6 May | Deadline for partner bookings for exhibition space in the CSEP and Beacon Council Royal Cornwall Show marquee. katy@csep.co.uk |
| 9 May | Business Sector Task Group - CSEP HQ, Tolvaddon. katy@csep.co.uk |
| 12 May | Cornwall Switch Campaign launch - Eden Project. alec@cep.org.uk |
| 20 May | Transport Task Group - CSEP HQ. katy@csep.co.uk |
| 20 May | Renewable Energy Task group - CSEP HQ. katy@csep.co.uk |
| 23 May | ESCO workshop - 'The next step for energy services in Cornwall' - CSEP HQ, led by Practical Help. katy@csep.co.uk |
| 25 May | Bioenergy Working Group - CSEP HQ. katy@csep.co.uk |
| 31 May - 3 June | Green Week, Brussels - CSEP exhibit. lindsay@csep.co.uk |
| 6 June | 'Energie Cities' - an introduction to the European Campaign for the display of information on energy performance of municipal buildings. Particularly relevant to energy managers. CSEP HQ. katy@csep.co.uk |
| 9 - 11 June | Royal Cornwall Show - CSEP and Beacon Council exhibition. katy@csep.co.uk |
| 16 June | Public Sector Task Group - CSEP HQ. katy@csep.co.uk |
| 21 June | Energy in Buildings Group - CSEP HQ. katy@csep.co.uk |

- 24 June 'Energy it's my Future': CSEP is assisting Cornwall College in a 6th form conference on energy issues. The 2 best student speakers from the debate will be picked to speak at a workshop, '*It's our future...should Young People be the key to decision making about the role of energy in our communities?*' at the Energy in Regeneration Conference in July. katy@csep.co.uk
- 10 July *CSEP Conference Dinner*, including a talk by Arctic Explorer Pen Hadow: '*Protecting the Arctic Ice Cap - The Race Against Time*'. katy@csep.co.uk
- 11 July '*Energy in Regeneration*' is the title of the CSEP 2005 conference. It will address the important energy generation and energy efficiency opportunities posed by urban and rural regeneration programmes. Venue: Combined Universities in Cornwall. Sponsor: *EDF Energy*. Conference programme and booking form at: <http://www.csep.co.uk/page59g.html>
Contact: katy@csep.co.uk

There is an Events Calendar on the CSEP web-site: <http://www.csep.co.uk/page59g.html>

Contact CSEP:

Tim German, Manager - tim@csep.co.uk
 Dionne Jones, R&D Officer/Funding (website) - dionne@csep.co.uk
 Katy Gibson, Partnership Coordinator - katy@csep.co.uk
 Lindsay Knuckey, European Funding Officer - lindsay@csep.co.uk
 Pip Northcott, Admin Assistant - pip@csep.co.uk

Telephone and Fax

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Postal address

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 2 The Setons, Tolvaddon Energy Park, Camborne, Cornwall TR14 OHX

If you have a story to submit to the newsletter and/or the CSEP website, please note the following:

- Next copy deadline for partner newsletter stories: Fri **22 July 2005**
- Quarterly newsletters due end: April - July - Oct - Jan.
- *Newsletter* items and queries should be directed to Katy Gibson, Partnership Coordinator: Tel. 01209 614974. Email. katy@csep.co.uk
- *CSEP website* stories and queries should be directed to Dionne Jones, R&D Officer: Tel. 01209 614974. Email: dionne@csep.co.uk
- To check which pages of the website have been updated recently see: <http://www.csep.co.uk/page50g.html>