



# Cornwall Sustainable Energy Partnership

## Summer 2006 Newsletter

Dear Partners

What a topsy-turvy world we live in! Recently CSEP has been praised at the highest level for its leadership locally, nationally and internationally. We are positioning ourselves for the challenges of the future. However, at the same time we have to deal with a funding issue caused by one government dept, namely HMRC (Treasury), clawing back funding designated by another (DEFRA).

In June the opportunity arose for CSEP and CEP to move into South Crofty House, a larger office on the Tolvaddon Energy Park. Our new office provides a more suitable work-base for CSEP to take on the challenges and opportunities that climate change and energy sustainability present to Cornwall's communities, businesses and environment. We are the key organisation to face these 'challenges', delivering major programmes such as the Local Area Agreement for micro-generation and ASPIRE the major Intelligent Energy Europe programme. All of our contact email addresses and phone numbers remain the same.

We also have a larger conference/ training room for the increasingly popular Partnership meetings. The new conference room is also available for hire in an area where meeting/ training venues of this size and quality are in short supply. There is also space for a related partner organisation to rent part of the premises. Please contact Katy Gibson (01209 614974) for information.

CSEP was honoured to arrange and host the first official visit of the European Commissioner for Energy, Andris Piebalgs, to Cornwall. During his visit he was accompanied by Bill Gillett, Head of the Unit for Renewable Energy at the European Commission and Graham Watson MEP, leader of the 3<sup>rd</sup> biggest political group at the European Parliament. The Commissioner officially opened our new office before visiting projects in Ludgvan and Penzance (see SA3b Europe section below).

During this exciting time the Energy Saving Trust (EST) has announced that it is cutting the Local Energy Support Programme (LESP) in England. This is despite the fact that the Programme has been very successful and levered in over £26 million for sustainable energy projects. We have estimated that approximately a quarter of this has been via CSEP. LESP has provided core funding for the secretariat for Partnership meetings. Importantly the funding has been used to assist Cornwall's local authorities in the development and delivery of the internationally acclaimed Energy Strategy for Cornwall, including the roll out of the Home Health programme and substantial reductions in every Cornish council's carbon emissions. All of these achievements, and others, importantly led to Beacon council status for all eight of our councils. The Energy Saving Trust was forced to make £5 million of programme cutbacks when HM Revenue and Customs changed their interpretation of the Trust's VAT status. Sadly, EST decided that LESP was not a priority nation-wide. CSEP is now seeking funding from Cornwall's LA's to allow it to continue its public sector support role.

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CEP = Community Energy Plus (the charity that manages and subsidises CSEP's work)

The partnership was restructured earlier this year and most of the new process and delivery groups have now had their inaugural meetings. CSEP has been working with the Cornwall & Isles of Scilly Economic Forum, the European Commission and Cornwall County Council to ensure sustainable energy integration will be a key feature of any funded capital works and to maximise the business opportunities that energy efficiency and renewable energy can bring to Cornwall's economy.

It is imperative that Cornwall has a robust approach to the effect that energy prices are having on its economy. In the last two years UK energy prices have risen by 40% and there is no sign of let up. In the summer, Imerys, Cornwall's largest private sector employer, announced 800 redundancies due to energy price rises. An increase in inflation of 2%<sup>1</sup> has been blamed on rising energy prices. The impact of energy on the economy has never been more apparent and the reason for Cornwall Sustainable Energy Partnership is now massively greater than it was when it was set up in 2001.

We are now planning our Annual Meeting in December (w/b 11<sup>th</sup> December). I look forward to seeing you at meetings between now and then but, with so many crucial issues, on the agenda, I hope to see you at this important annual occasion for CSEP. Please look out for the emails and notices of the meeting sent by Katy in the coming months.

Finally, as is normal in our newsletters I want to thank all the CSEP staff for the continuing passion and skills they bring to this important Partnership.

**Tim German**  
CSEP Director  
16th Aug 2006



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*Activities and updates since the last newsletter:*

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

## **(SA1) STAFFING**

**Will Wason** from Penzance started on 10 July as CSEP's Renewable Energy Technical Officer. Will's initial role is to lead delivery of Cornwall's 3 year LAA microgeneration stretch target. He comes from an engineering background in Cornwall's hot rocks project, the oil/gas industry and the heat pump sector.

Contact: [will@csep.co.uk](mailto:will@csep.co.uk)

**Peter Ssali** volunteered for CSEP for 2 weeks in July. Peter has just completed the first year of *Cornwall College's* Renewable Energy foundation degree. He has produced a number of case studies on projects in Cornwall. See: <http://www.csep.co.uk/page109g.html>

**Kieran Highman** joined CSEP as Research Assistant on 24 July for a 2 month summer work placement funded by the LAA and *CUC*. Kieran is researching the renewable energy manufacturing potential in the CPR area and assisting with the development and improvement of CSEP's information resources.

## **(SA3a) NATIONAL & REGIONAL STRATEGIES**

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<sup>1</sup> See <http://news.bbc.co.uk/1/hi/business/5242344.stm> and <http://news.bbc.co.uk/1/hi/business/4985300.stm> for inflation rise news stories.

## DTI Energy Review 2006

CSEP has posted a simple guide highlighting the main points on its new Planning and Policy web page: <http://www.csep.co.uk/page134g.html>

## Aligning National and Local Energy Policy

CSEP is working on a 2 year research project for the new *Department for Culture and Local Government* (D-CLOG) to assist four government departments (*DTI/DEFRA/DFT & D-CLOG*) on policy development. The work will concentrate on aligning departmental energy objectives to achieve more effective methodologies for local delivery.

## SW Wind Protocol

CSEP is supporting the signing and implementation of the 'South West Public Engagement Protocol and Guidance for Wind Energy' by Cornwall's local authorities. *Restormel Borough Council* is the first Council in Cornwall to sign it.

Weblink: <http://www.regensw.co.uk/press/docs-info.asp?catid=23&id=181>

## Nottingham Declaration

CSEP is also supporting the sign up of all of Cornwall's local authorities to the Nottingham Declaration. *Penwith District Council* is the first to sign it.

<http://www.est.org.uk/housingbuildings/localauthorities/NottinghamDeclaration/>

## District Energy Data

The *DTI* has released indicators showing energy consumption and carbon dioxide emissions for each district council in the UK. Statistics are available on gas sales and customers, electricity consumption, road and other fuel consumption.

See: <http://www.dti.gov.uk/energy/statistics/regional/index.html>

## (SA3b) EUROPE

### ASPIRE (Achieving Sustainability in Peripheral Regions of Europe)

CSEP's application to the Intelligent Energy Europe programme for the **ASPIRE** project has been approved. It was the 4<sup>th</sup> highest scoring bid the EU received this year. The project will develop a delivery pathway for creating a sustainable energy community in less densely populated areas where large-scale centralised district energy is not viable. For the UK component, it will draw on the issues in the CPR regeneration area in Kerrier. It involves 13 partners in Cornwall, Latvia, Finland, Italy, Sweden, the Czech Republic, Spain, Romania, Estonia and Bulgaria. *Cornwall County Council* is the Lead Partner.

Contact: [lindsay@csep.co.uk](mailto:lindsay@csep.co.uk)

### Kyoto in the Home (KitH)

This is a 13-partner European project to develop renewable energy teaching tools for schools. The *CEP* community team has drafted a wind module for the project and it is currently going through 2nd stage consideration by the project partners before it is due to be finalised and translated this autumn. The team have also started identifying schools for initial trials of the full booklet (to start in 01/07) and will be organising a meeting of those primary schools in Cornwall already involved in the Eco-Schools programme to invite them to be involved in the KITH pilot. Contact: [ben@cep.org.uk](mailto:ben@cep.org.uk)

Weblink: <http://www.csep.co.uk/page108g.html> and [www.kyotoinhome.info](http://www.kyotoinhome.info)

### Energy Commissioner visit

Cornwall was the venue for European Energy Commissioner Andris Piebalgs' first official visit to South West UK. The Commissioner, who is ultimately responsible for European energy

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policy and programmes across the 25 Member States, visited Camborne, Penzance and the village of Ludgvan to gain first hand experience of the pioneering work undertaken by membership organisations of Cornwall Sustainable Energy Partnership (CSEP). Commissioner Piebalgs, who before joining the European Commission was a Minister in the Latvian Government, began his visit by meeting leading executives from Cornwall and the South West at a meeting in Tolvaddon Energy Park, Camborne, where he officially opened the new office of CEP and CSEP. He said he was 'hugely impressed' by the work undertaken by the Public/Private Sector Partnership and that it is an 'exemplar' to other regions in Europe. During his visit, the Commissioner, who is a master of various languages, was presented with a Cornish dictionary and various locally made goodies.



Above: Ian Smith, Tim German, David Whalley CC, Andris Piebalgs, Graham Watson MEP, Jill Ferrett, and Julia Goldsworthy MP toasting the new CEP and CSEP office at South Crofty House, Tolvaddon Energy Park.

CSEP Europe web page: <http://www.csep.co.uk/page110g.html>

## (SA5) COMMUNITY STRATEGIES, PARISH PLANS, LSP'S

CSEP is represented by Tim German, Ian Smith, Dionne Jones and Alec Rice on 5 of Cornwall's 6 **Local Strategic Partnerships** - *Cornwall Strategic Partnership*, *West Cornwall Together*, *Carrick LSP*, *Restormel LSP (Sustainability & Culture Sub Group)* and *Caradon LSP*. Tim German is Cornwall's sustainability sector representative on Cornwall Strategic Partnership (the county LSP).

## (SA7) GIS MAPPING

### 'Home Health HotSpots'

This fuel poverty targeting project is being delivered in partnership with *Carrick District Council* and is funded by the *Energy Saving Trust's* Innovations programme. So far 900 letters have been sent to a test zone in Carrick and the datasets have been improved accordingly. A second major mailshot and launch event will take place this autumn. Contact: [andy@cep.org.uk](mailto:andy@cep.org.uk)

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## (SA8) FUEL POVERTY & ENERGY EFFICIENCY

### Cornwall Fuel Poverty and Energy Efficiency Action Plan

The Centre for Sustainable Energy report that the new Fuel Poverty Indicator will now be ready in October (i.e. the actual data), with county maps coming out in December/January. The FPI figures are needed in order to finalise the FPEEAP research that CSEP commissioned CSE to carry out in 2004.

### Health & Community Group

CSEP's new Health and Community Group met for the first time in June. The meeting set the scene and discussed key issues for the group to tackle. Information has been exchanged on in-house energy best practice, *Cornwall Rural Community Council's* Green Housekeeping Policy and *CEP's* 'Climate Digest' information sheet. Next meeting: 14:00 on **Friday 13 October** at South Crofty House, Tolvaddon Energy Park. Contact: [alec@cep.org.uk](mailto:alec@cep.org.uk)  
Web page: <http://www.csep.co.uk/page95g.html>

### CSEP Domestic Energy Discussion Forum

The first Forum meeting will bring together local authority housing officers with health, social services and voluntary sector agencies to explore ways in which the identification and referral of vulnerable households for insulation and heating can be further "mainstreamed" into the activities, targets and performance indicators of all these agencies. The event takes place on **Thursday 7 September**. For more details please contact: [katy@csep.co.uk](mailto:katy@csep.co.uk)

### EDF Energy Fuel Poverty Scheme

*Cornwall EEAC* is working with *EDF Energy Trust* on a pilot project to assist fuel poor homes in Cornwall. The Cornwall EEAC team are providing home visits where they give in-situ energy efficiency advice to households referred via the Trust, which provides financial assistance to EDF Energy customers in fuel debt. Contact: [julia@cep.org.uk](mailto:julia@cep.org.uk)

### Free Energy and Health Conference

The date of *Cornwall Energy Efficiency Advice Centre's* free energy and health conference has been put back to **24 October 2006**. The event entitled 'Bring energy into your practice' will take place at the Knowledge Spa, Treliske Hospital. This is a great opportunity for community and health organisations to get involved with policies, programmes and strategies to help eliminate fuel poverty and address climate change. The event is aimed at health and social care practitioners, community nurses, health visitors, local government personnel, police and paramedics. The day is being sponsored by *Community Energy Plus*, *SW Peninsula Strategic Health Authority* and the *EAGA Partnership*. It will be chaired by Ian Smith and Dr Jonathan Stead. Guest speakers include Sgt. David Aynsley, and Hazel Stuteley O.B.E.

To register please contact Julia Tibbet, on T. 01209 614975 or [julia@cep.org.uk](mailto:julia@cep.org.uk)

Flyer: <http://www.csep.co.uk/page116g.html>

For free impartial advice on energy efficiency and grants for insulation, please call the Cornwall EEAC on: **Freephone: 0800 512012**. (Cornwall EEAC is managed by CEP)

### The Heat is On - Energy Efficiency Advice DVD

*National Energy Action (NEA)*, the national fuel poverty charity, has produced an interactive DVD in 15 languages for vulnerable fuel consumers who do not use English as a first language. The DVD provides energy efficiency advice for people who face language difficulties that

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prevent them from accessing vital information to keep warm and well. Of course, one of the languages is English and makes the DVD a useful tool for every community. The DVD aims to:

- Produce and distribute energy advice to increase awareness of energy efficiency and its links to health and environmental issues
- Highlight the dangers of carbon monoxide
- Provide basic debt and money advice and signpost to grant assistance
- Increase the number of households applying for grant assistance (i.e. Warm Front and Energy Efficiency Commitment)

NEA hopes that community organisations, energy advisers and neighbours will take advantage of the free copyright on this disc to make it available to as many households as possible so that they can keep warm, save money and save energy too. Contact: Martin Eibl on 01752 235 183 or email [martin.eibl@nea.org.uk](mailto:martin.eibl@nea.org.uk).

## (SA9) HOME HEALTH

The *Home Health* programme for 2006-2007 is being rolled out using LPSA Reward funding awarded to CSEP, local authority Private Sector Renewal allocations and utility EEC match. The new projects are now branded "Home Health Priority" and this year will offer free insulation measures to private tenure households on entitlements, on a district-wide basis. The community outreach team are working with front-line community, social and health agencies to encourage 'priority' households to take part.

In the first quarter of 2006 (Apr-Jun) 453 homes had free insulation installed through the Home Health programme - 159 in North Cornwall, 114 in Caradon, 83 in Restormel 56 in Penwith and 41 in Carrick.

Householders can enquire about their eligibility for the Home Health scheme (and other schemes) by calling *Cornwall Energy Efficiency Advice Centre* on freephone 0800 512012

Weblink: <http://www.csep.co.uk/page104g.html> and <http://www.csep.co.uk/page103g.html>

## (SA11, SA13, SA14, SA15, SA16, SA21) RENEWABLE ENERGY/ HOUSING

### LAA Stretch Target

Meetings have been held with Cornwall's district/ borough councils and housing associations in Cornwall to encourage greater take-up of micro-renewables in social housing. Will Wason started with CSEP in July to lead delivery of the LAA stretch target. EiBG members, *Earth Energy Ltd.*, *Kensa Heat Pumps*, *Plug into the Sun and Solar Flair Ltd.*, assisted CSEP with data collection for the first quarterly LAA return. Between 1 April and 30 June, they fitted 19 private and social homes with microgeneration measures totalling 65.7kW of installed capacity. 6 installations were reported in Carrick District, 4 in Penwith District and 9 in North Cornwall District. This is 6% of the 1072 kW of new installations needed to achieve the 2009 stretch target (13% of the 146 extra installations needed). CEP handled 213 enquiries about renewable energy in the Apr-June quarter alone (the total for the whole of 2005 was 494 and 340 for 2004). Interest is definitely growing. Contact: [will@csep.co.uk](mailto:will@csep.co.uk)

Web: <http://www.csep.co.uk/page107g.html> and <http://www.csep.co.uk/page89g.html>

## New Grant for Microgeneration projects in Cornwall

CSEP is managing a small grants pot for microgeneration measures in domestic or community buildings in Cornwall. A one off call for proposals will be launched soon with an **October** deadline. Please contact Will Wason for further details - [will@csep.co.uk](mailto:will@csep.co.uk) or Tel. 01209 614974.

## Penwith House (Redruth, Kerrier)

*Coastline Housing* has converted this former hostel to provide 12 flats for homeless families. The energy efficiency of the building will be improved with dry lining and loft insulation alongside a proposal to install sixteen 1kw micro-wind turbines to heat the electric hot water system in each flat. Planning applications have been submitted, with a proposed start date of November. Solar technologies are also under consideration. *CSEP* is assisting with technical advice, facilitation support and a £46,564 contribution from LPSA Reward funding.

Contact: [will@csep.co.uk](mailto:will@csep.co.uk)

## CRHA Homes in Delabole (North Cornwall)

*Cornwall Rural Housing Association* will install six 3.5kW and four 5kW Calorex ground source heat pumps into 10 new build affordable homes at Delabole. *Earth Energy Systems* drilled the holes for the pumps this July and final installation of the heat pumps is scheduled for April 2007, once the buildings are complete. The properties have also been designed to maximise passive solar gain in order to reduce heating requirements. CRHA is aiming to achieve an EcoHomes rating of "Very Good". Funders: *CRHA, Housing Corporation, Powergen* HeatPlant scheme. *North Cornwall District Council* contributed free land for the project.

## Domestic Wind

As a result of advice given by *Cornwall EEAC* and *CEP*, Mr Charles Hall had a 5kW Iskra wind turbine installed on his property at Lanivet (nr. Bodmin). He held an open day for people interested in seeing the turbine on Sat 6th May 2006. It cost £17,000 to install with a £5000 subsidy coming from the Clear Skies scheme. There were no difficulties with planning and no objections. Weblink: <http://www.iskrawind.com/index.htm> (Iskra website)

## Otterham Wind Farm

*Wind Electric* has submitted a planning application for a wind farm at Otterham in North Cornwall. It comprises 5 X 800kW turbines and is the same as submitted by Powergen in 2002. Although recommended for approval by planning officers, the proposal was refused by the planning members in 2002. Public consultation has now shown that some of the closest households who previously opposed the application are now supporting it.

## (SA16, SA23) PLANNING POLICY/ PUBLIC SECTOR TRAINING

The new **CSEP Sustainable Energy Planning Group** met for the first time on 23 May. It was well attended by Planning/ Building Control officers from *Cornwall County Council*, the 6 *district/ borough councils* and the *Council of the Isles of Scilly*. The group are considering setting a higher percentage for the minimum requirement for renewable technology integration than the 10% proposed in the draft Regional Spatial Strategy (RSS). The minimum requirement is expected to be around 15% integration. The next meeting is on **14 September 2006**.

## Isles of Scilly Energy Strategy

CSEP commissioned Richard Hoggett to help the Isles of Scilly finalise their draft sustainable energy strategy. A national consultation on the strategy has ended and a large number of detailed responses were received. These are currently being analysed to enable the CSEP to recommend an effective way forward for the islands. Funder: *The Council of the Isles of Scilly*.

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## (SA17) SEA POWER

### Wave Hub

The Wave Hub Project was presented at a public meeting in Hayle for principal stakeholders on 27 June. This was followed with a public open day on 28 June to which over 100 members of the public attended.

Weblink: <http://www.wavehub.co.uk/> (SWRDA Wave Hub web page)

CSEP Marine Renewables web-page: <http://www.csep.co.uk/page91g.html>

Contact: [katy@csep.co.uk](mailto:katy@csep.co.uk)

## (SA19, SA20, SA27, SA30) BIOMASS & TRANSPORT

### CSEP Bioenergy Working Group

The group submitted a response to the Cornwall County Council Waste Development Framework consultation. *Cornwall Agricultural Council*, the *Farming and Wildlife Advisory Group* and *CSEP* are hosting an event aimed at promoting renewable energy to farmers and land owners. The **Cornwall Farming and Sustainable Energy Conference** will highlight case studies of farmers who have implemented renewable energy technologies on their farms. It takes place on **25<sup>th</sup> October** at the Eden project. Contact: [katy@csep.co.uk](mailto:katy@csep.co.uk)

Web page: <http://www.csep.co.uk/page88g.html>

### Eden Bio-Boiler

The Eden Project's 300kW biomass boiler is due to be started up in August. It will replace the attraction's old LPG boiler, providing baseline heat for the development, and a local market for biomass (Miscanthus and woodchip). Funding: *DEFRA* and *Objective One* (£76,000), *Clear Skies* (£64,000), *Eden Project* (£35,000). Weblink:

<http://www.edenproject.com/about/990.html>

### Biodiesel projects

Mark Hensor, Matt Watts and David Parrish (who are all studying on the *University of Exeter, Cornwall campus* Renewable Energy degree course) are conducting a biodiesel research project in partnership with CSEP's Transport Group. The project is being led by Neil Wood, lecturer on the course, and is funded by the *CUC Business support Programme*. The students successfully prepared and demonstrated a pure **biodiesel small jet turbine** for the European Commissioner for Energy, Andris Piebalgs, during his visit to Cornwall in July. Research is also underway into **licensing barriers for biodiesel production** (for production over 5000ltr/yr the process to gain a Prevention of Pollution Control Licence from the Environment Agency can end up costing more than the plant). The project will result in a handbook for biodiesel producers and explore ways of simplifying the licensing process.



Left: Neil Wood, Graham Watson MEP, Commissioner Andris Piebalgs, Bill Gillett, University of Exeter RE Student

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Neil Wood is also leading a project for *DEFRA* and the *Sea Fish Authority* to trial a **biodiesel fishing vessel** ('ma gan dole'). The vessel, which is currently based at Newlyn will be run on recovered vegetable oil. The project will also involve the demonstration of a range of low cost production, including construction of a mobile biodiesel processing plant which can be shared and moved between ports and local farms. The boat trial will run until the end of September 2007. Funder: *DEFRA* (100%).

## (SA21) RENEWABLE ENERGY AWARENESS

### Renewable Energy Forum

CSEP is holding a RE Forum on **28 September 2006** in Delabole. The theme of the day is Microgeneration and it will include talks on individual technologies, the LAA stretch target, case studies, funding possibilities, planning issues, a microgeneration exhibition and pre-bookable soap box slots. Tickets cost £10 and must be booked by 11<sup>th</sup> Sept. Bookings: Alison Palmer - [alison@csep.co.uk](mailto:alison@csep.co.uk) or Tel. 01209 614974.

Website: <http://www.csep.co.uk/page116g.html>

### Microgeneration Monitoring

The CSEP Energy in Buildings Group have developed a microgeneration monitoring project which is being led by the *University of Exeter*. *Carrick Housing* and *Penwith Housing Association* are providing properties to be monitored. *Cornwall College* is providing student power and data loggers to assist with in-situ data gathering. *Cornwall County Council* is funding this research project which will help provide much needed impartial data on the performance of microgeneration technologies and will be of national significance (helping to promote Cornwall's knowledge economy in the sector). Contact: [dionne@csep.co.uk](mailto:dionne@csep.co.uk)

### Cornwall Switch Campaign

The campaign was launched at the *Eden Project* on 12 May 2005. To date, 123 households have switched to green energy. Once the threshold of around 150 switches has been reached, 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](mailto:alec@cep.org.uk)

Website: <http://www.cornwall-switch.org/>

### Royal Cornwall Show

The *CEP / CSEP* Royal Cornwall Show stand this year included a major big top stand in which the visitors were challenged to check their carbon footprint and find out how much they are contributing to Climate Change. The thousands of people who passed through the stand also had the opportunity to find out what they can do to reduce their impact on global warming and talk to energy efficiency, wind power, solar power, earth-energy and bio-fuel specialists.

Weblink: <http://www.csep.co.uk/page100g.html>

Contact: [jasmine@csep.co.uk](mailto:jasmine@csep.co.uk)



Left: CEP's Ben Simpson explains to show-goers what kind of future we can expect if everyone lived a lifestyle requiring the resources of 2-planet Earths (the UK average)

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## Multi Faith Forum

The *CEP* Multi Faith Forum continues to meet at 6 weekly intervals. Forum members published a climate change newsletter in June which was distributed at the Royal Cornwall Show and led training on the 'Keep Cool' climate change game with youth groups. Forum members also sign-post their faith communities to CEP for help and advice on energy issues. A bid to DEFRA's Climate Challenge Fund to support the Forum's work was turned down.

Contact: [ben@cep.org.uk](mailto:ben@cep.org.uk)



Left: Bishop Bill Ind, Bishop of Cornwall, works out what his personal carbon footprint is at the 2006 CSEP Royal Cornwall Show stand. Multi Faith Forum members sign-posted show-goers from their stands to the CSEP stand for energy advice.

## Green Housing Conference

The *Devon and Cornwall Training Network* held a summer conference on 'The Green Housing Effect' at the *Eden Project* on 28 July. The event was well attended by housing professionals from *Caradon DC*, *Carrick DC*, *Coastline Housing*, *Devon and Cornwall Housing Association (D&CHA)*, *Kerrier DC*, *North Cornwall DC*, *Restormel BC* and the *NHS*. *CEP's* Alec Rice led a workshop on sustainable energy and has been invited to D&CHA's annual staff conference as a follow up. The event included an inspiring presentation by *Gale and Snowden Architects* on the ecological and energy efficient buildings they have designed, plus presentations by CSBT's Paul Bright and D&CHA's Rose Hunter.

## Climate Change Pub Quiz

*CEP* has been awarded a *Climate Challenge Fund* grant by DEFRA to run a series of pub quizzes, lectures and events across the county to encourage people to think about climate change. The Launch will be held at Bedruthan Steps on **Fri. 13<sup>th</sup> October** with the first pub quiz at the *Pandora Inn* on **Wed. 18<sup>th</sup> October**. *CEP* is delivering the programme in partnership with *J&M Consulting Ltd.*, *St Austell Brewery* and the *Eden Project*. For more information please contact [Jasmine@csep.co.uk](mailto:Jasmine@csep.co.uk) or call 01209 614 974.

*Good Energy* is hosting a **Wind Fair** at Delabole on Sat. **26<sup>th</sup> August** from 2pm. The event offers the chance to find out about all aspects of renewable energy, including microgeneration, plus entertainment and live music.

Contact: 0845 456 1640 or [amanda.watson@good-energy.co.uk](mailto:amanda.watson@good-energy.co.uk)

## (SA22) EDUCATION/ TRAINING

The date of CSEP's first **Education & Skills Group** meeting is 10am on Friday **6 Oct. 2006**.

## UK's first Renewable Energy Graduates Trained in Cornwall

The UK's first Renewable Energy (BSc) course, taught at *University of Exeter's Camborne School of Mines (CSM)* (part of the *Combined Universities in Cornwall*), has had much success over the past year, with its first batch of graduates achieving five firsts and three 2-1s in graduation. With 2 students continuing in education at CSM and 6 others entering the renewable sector, as well as the course achieving accreditation from the *Energy Institute*

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allowing students to work towards becoming a Chartered Engineer (CEng), prospects for the course look high. Popularity of the course has also been growing, with 25 students currently attending, and 35 more joining in September. The course attracts interest on an international scale, and with a growing department, things look to be going from strength to strength.

Weblinks: <http://www.uec.ac.uk/csm/undergraduate-study/renewable-energy/> and <http://www.cuc.ac.uk/about-cuc/news/prominent-ec-official-visits-tremough/1st-uk-graduates-in-renewable-energy.htm>



The UK's First Renewable Energy Graduates with Floella Benjamin, University Chancellor and Play School star. Top Row from left to right: Andy Curtis, Staffan Lindahl, Matt Neighbour, Nathan Billings. Bottom Row left to right: Holly Moore, Dan Letch, Floella Benjamin, Phil Overy and Zoe Smith.

### Microgen Project

*Cornwall Sustainable Building Trust* is delivering a Workforce Development Project called 'Microgen' to develop industry approved installer training for domestic renewable energy devices. CSBT aims to work with interested installers and householders, to train new installers to the highest possible standard and to prepare written reports on the chosen installations. These reports will form a valuable portfolio of Cornish property with RE installations and record best practice, customer reaction and any responsive change in attitude. It is intended to feed this data into a wider study being carried out by the *University of Exeter*. Funders: *Learning and Skills Council* and *European Social Fund*.

Contact: Cornwall Sustainable Building Trust on 01726 68654. <http://www.csbt.org.uk/>

### Cornwall and Devon Sustainable Building Conference

A Sustainable Building Conference is being hosted by Cornwall Sustainable Building Trust at the Eden Project, St Austell on **11<sup>th</sup> October**.

Web: <http://www.csep.co.uk/page116g.html>

### Little Acorns

The *Little Acorns Nursery School* in Barripper, Camborne, is the first in the county to incorporate renewable energy into play time. *CEP's* Community Outreach Team created and

CSEP = Cornwall Sustainable Energy Partnership

CEP = Community Energy Plus (the charity that manages and subsidises CSEP's work)

installed an interactive numerical game in the playground that is powered by a 50w solar panel. The aim of the project is to improve children's counting and colour skills whilst introducing them to the concept of renewable energy and energy for the sun. Press Release: [http://www.csep.co.uk/downloads/17-07-06\\_solar\\_power\\_play\\_time\\_for\\_cornish\\_nursery.doc](http://www.csep.co.uk/downloads/17-07-06_solar_power_play_time_for_cornish_nursery.doc)

**Lexi Muskett** joined CEP's Community Outreach Team as an on-going volunteer in July. Lexi is assisting with administration of community team activities, including the Multi-Faith Climate Change Forum.

## (SA24) PROCUREMENT

An environmentally friendly alternative to plastic carrier bags has been launched in Liskeard, thanks to the *Liskeard Litter Ladies*. The group were disgusted at the quantity of plastic bags they collected as part of a Litter Hitters campaign, and thanks to a grant of £250 from *Caradon District Council* they have invested in a supply of Jute bags to sell at local events. The bags are created from Jute Fibre ('Hessian' or 'Burlap'), which is a 100% bio-degradable and recyclable natural fibre. British shoppers use up to twenty billion plastic bags each year and the oil in 8.7 plastic bags would drive a car for 1 km!  
Contact: Alex Lochhead at Caradon DC on 01579 340718.

## (SA25) ENERGY MANAGEMENT

*Cornwall County Council* is, with the support of the Chief Executive, one of the local authorities in Cornwall to participate in the *Carbon Trust's Local Authority Carbon Management Programme*. The Programme is a five-step process (undertaken over 10 months) which will assist the Councils to create an organisation-wide carbon management strategy and implementation plan leading to emissions reductions that maximise benefits to the Authorities and their stakeholders.

*CEP's* Community Outreach Team recently completed an energy audit of **Mullion Youth and Community Centre**. Contact: [alec@cep.org.uk](mailto:alec@cep.org.uk)

## (SA26) SUSTAINABLE ENERGY IN PUBLIC SECTOR DEVELOPMENT

### Centre of Excellence for Horticulture in Redruth

*Kerrier District Council* has created a new sustainable classroom/store as part of the restoration of the glass houses in Victoria Park, Redruth. It has been named *The Centre of Excellence for Horticulture in Redruth*, to be used by Duchy College for their Environmental Conservation and Amenity Horticulture NVO courses, and will supply Kerrier's parks with plants and shrubs. The build was completed in April and incorporates FSC timber, sheep's wool insulation, marmoleum flooring, turf roofing and double glazing into the design.  
Funding: Liveability Fund.

<http://www.kerrier.gov.uk/index.cfm?articleid=19429>

<http://www.idea-knowledge.gov.uk/idk/core/page.do?pagelId=77793>

## (SA29) BUSINESS ADVICE & SUPPORT

**EnVision Cornwall's** group of Environmental Business Mentors, are working across Cornwall, providing advice to Small to Medium Enterprises (SME) on ways of reducing energy costs and improving environmental credentials. Through the Envision Project *Community Energy Plus* and *CSEP* are working with *the Extreme Academy, Watergate Beach Bar* and *Watergate Bay Hotel* to advise and support '*Fifteen Cornwall*' (Jamie Oliver's new restaurant) on

environmental enhancements and sustainable energy measures. Every year the restaurant will train 15 teenagers from around Cornwall to be chefs. Envision is funded by *Objective One*.

CSEP's Press & Publicity Officer, Jasmine Reilly, is currently compiling case studies on the businesses advised by the Envision team. For instance *Wildlife and Sea Salt* have introduced energy efficient lightbulbs, fair trade, environmentally friendly and locally produced products in all their shops in response to the advice given.

*"I was amazed by the scale of the financial savings we could make and still keep the cool, relaxed surf style ambience of the bar."* Tara Roberts - Owner of *Blue Cornwall Ltd.* commenting on the advice given by the Envision team.

CEP's Envision officer, **John Edwards**, left in July to set up home and a green B&B and Celtic folk club in Brittany ([Le Violon Vert](#)). He has been replaced by **Howard Martin** who joined CEP's Operations Team on 7<sup>th</sup> August.

For further information or if you would like a free diagnostic visit from one of the team's mentors please contact Howard Martin at *Community Energy Plus* on 01209 614972 or email [howard@cep.org.uk](mailto:howard@cep.org.uk)

**Andrew Walters** also joined *CEP's* Operations Team in August to support and engage tourism businesses to achieve accreditation under the **Green Tourism Business Scheme** (GTBS), which accredits sustainable tourism practice with bronze, silver and gold ratings. The post is being funded by the *Cornwall Sustainable Tourism Project's* LAA pump-priming grant to assist delivery of CoaST's stretch target to enable a total of 273 tourism businesses to achieve GTBS accreditation by 2009. CoaST and Envision will work jointly on this target, with a similar new post at CoaST starting in the autumn. CoaST website: <http://www.coastproject.co.uk/>

## HERS

Since May *CEP's* community team have provided 12 energy audits for properties in Redruth town centre as part of *Kerrier District Council's* Heritage Environmental Regeneration Scheme (HERS). Contact: [tiffanyedf@aol.com](mailto:tiffanyedf@aol.com)

CSEP is working in partnership with *Cornwall College* and *ReZolve Kernow* to deliver **environmental management training to employees of SMEs**. The project is being funded by the *Learning & Skills Council*. Training is available at a highly subsidised fee for SME employees in the following sectors: Life Sciences, Marine, Food, Multi-media, Environmental and Earth Technologies and Renewable Energies.

Contact: [Jasmine@csep.co.uk](mailto:Jasmine@csep.co.uk) or [Howard@cep.org.uk](mailto:Howard@cep.org.uk) or visit our website at <http://www.csep.co.uk/page116g.html>

## Quarterly CSEP Website Statistics (May to July 2006):

*Total visits to the site for the quarter* = 11,790 (May = 4,024, June = 3,635, July = 4,131).

*Average No. of visits per day for the quarter* = 128

*3 most popular entry pages:* Home Page, Royal Cornwall Show pages and the Newsletter page.

Last quarter, an average of 42% of CSEP website users were in the US, 22% in the UK and the remainder spread across numerous countries.

Check the 'Latest Updates' page in the News section for changes and additions to the website.

New pages: Policy and Planning links: <http://www.csep.co.uk/page134g.html>

CSEP events and meetings are listed at: <http://www.csep.co.uk/page114g.html>

## Contact CSEP:

### Telephone and Fax

Tel: 01209 614974

Fax: 01209 614838

### Postal address

Cornwall Sustainable Energy Partnership

South Crofty House, 1 South Crofty, Tolvaddon Energy Park, Camborne, Cornwall. TR14 OHX

- If you have a story to submit to the newsletter and/or information or queries for the CSEP website, please contact Katy Gibson, Partnership Coordinator on Tel. 01209 614974. Email. [katy@csep.co.uk](mailto:katy@csep.co.uk)

The next copy deadline is **20 October 2006**.

This newsletter is distributed to 502 individuals in over 100 organisations.