

Delivering the Warwickshire Climate Change StrategySteering Group Meeting

Fri 7th December 2007 9:30 for 10:00 till 13:00
Montague Road Training Room, Warwick

Minutes**1. Welcome, Present, Introductions, Apologies****Present**

| | | | |
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| Jacky Lawrence (WCC) | Professor Tony Marmont (Beacon Energy Ltd.) | Jonathan Horsfield (WCC) | Brent Davis (NBBC) |
| David Jullien (WEEAC) | Dave Passingham (Stratford Climate Action Network) | Richard Hicks (WDC Action 21) | Stephen Marks (Rugby Borough Council) |
| Alex Patterson (Stratford-upon-Avon College) | Gillian Squires (WCC) | Mike Woolacott (ATI Projects Ltd.) | Nick Hillard (University of Warwick) |
| Chris Begg (Hill Close Gardens) | Matthew Rhodes (Encraft) | Georgi Stickels (Carbon Trust) | Nigel Hardy (WCC) |

Apologies

| | | | | |
|---|----------------------------|--------------------------------|--|-------------------------------|
| Martin Stott (WCC) | Cllr Martin Heatley (WCC) | Simon Helmer (WM Carbon Trust) | George Martin (Willmott Dixon – Re-thinking) | Mandy Jesson (Ashlawn School) |
| Rod Wilkinson (Severn Trent) | Ian Glover (National Grid) | Emma Clarke (WCC) | Susan Juned (Local Government Liaison, NISP) | Mary Holliday (WCC) |
| Dr. Robert Waters (Coventry University) | Bill Johnson (WCC) | Paul Chapman (SDC) | Bernard Perkins (Craydene Associates) | |

Note

Georgi Stickels is taking over from Simon Helmer as our Carbon Trust contact at AWM.

The Carbon Trust have reorganised how they assign clients to an account manager. For those with an energy spend over £3m the Carbon Trust are

organising on sector lines on a national basis. Simon Helmer is now leading on construction and property – managing client accounts across the UK in the sector. Simon will still have a regional role to be the Carbon Trust presence in the West Midlands region.

2. Minutes of last meeting

Matters Arising

Slight amendment to minutes on P2, Biomass. SM noted that RBC planning policy requires new developments to have **10%** of on-site energy demand met from renewables, not 5% as reported.

3. Warwickshire Climate Change Strategy – Communications

• Progress Reporting

i. Actions from last meeting

ECOHOMES

David Jullien reported that SWAHA eco – home was officially opened two weeks ago and a visit is being arranged by John Barnham to view All ground source heat pump in a social housing setting.

Bourneville Trust has opened an ecohome. GSq to look into and circulate. GSq

Tony Marmont noted that Nottingham University is building 5-6 different ecohomes (e.g. 60C - 60% C reduction; 60K – built for £60k), with builders competing against each other. GSq to research and circulate. GSq

DB

Ecohome meeting at WCC council offices on 5th December. Initial meeting organised through Partnership on 5 Dec 07 well-attended. David Baxendale has requested a clearer brief from NWBC members and that a small project board is established.

NWBC POTENTIAL CASE STUDIES

Someone from the WCC Climate Change Team to follow up the following potential case studies. GSq / EC / JL

- Climate Change Action Plan
- Carbon Management Action Plan
- Investment in energy efficiency (old lights, PC screens, insulation, small-scale CHP, pool covers).

BIOMASS

Biomass market development event 15th November. BP
Bernard Perkins to research how to get specifiers of heating equipment to specify biomass heating.

MR reported that Biomass heating event was attended by 90+ people and aim to follow up with rural development funding to see how the supply and demand sides can be brought together. MR

Brent Davis NBBC may be able to help provide figures on how the economics of gas CHP compares with biomass CHP. BD to feed back after 1st quarter of 08/09. BD

RENEWABLE ENERGY / LOW CARBON TECHNOLOGY INVESTMENT CRITERIA (BALANCED EVALUATION CRITERIA)

It was agreed that we need to develop robust criteria for investment in individual schemes beyond financial only criteria (for projects with a payback of over 5 years).

Stephen Marks sent RBC project matrix which includes environmental sustainability and social criteria and includes a weighting. Peter Baynham provided information from EON.

JL put together the above and further information from WCC to come up with an initial appraisal tool which still needs further development. On completion, JL to send out for all to comment on the usefulness. JL All

NBBC POTENTIAL CASE STUDIES

BD outlined the NBBC scheme where four CFLs are installed per building when council housing is being repaired and re-let. Tenants are then given a further four bulbs. Estimates that 1,224 bulbs have so far been issued, with an approx saving of 61t CO₂. All housing should have bulbs within 10 years, saving approx 100t CO₂/year.

TM reported that Derbyshire is running a scheme to provide external insulation for older buildings. Is there any scope for a demonstrator project for Warks? DB fed back that NBBC had done some work on this but found it to be expensive – approx £15k for a detached house and £8k for a semi. BD to provide info to GSq for case study. BD / GSq

WHOLE LIFE COSTING

NH has previously asked the group what experience they have with Whole Life Costing. The group had agreed that they would like to understand more about this subject and asked that this become an agenda item. We need a willing volunteer to lead on this. Any volunteers? All

HOME COMPOSTING

CB offered Hill Close Gardens as a potential venue for composting events. GSq to ask Caroline Faulkner at WCC to liaise with CB. GSq

A discussion on anaerobic digestion followed. Warwick Uni is putting in a bid for anaerobic digestion at Wellesbourne. TM asked if the group had heard of the Fischer Tropsch process, where biomass is gasified in a dual fluidised-bed (steam blown) reactor and the resulting producer gas is used to produce heat and power. This technology has been used in South Africa for years but not so far in the UK. Walkers Midshire in Leicestershire now considering the technology. Ennergas about to install this sort of plant somewhere in the UK. Further info on the process as below:

<http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/16A5A251A02EE2E080257304003BD582>

MW reported that he is currently working with NISP to develop a project through the EU Intelligent Energy Programme to produce fuel from organic waste. TM felt that, if extended to food waste, this work could possibly be included in a bid as part of the work being carried out at the Energy Technology Institute in Loughborough, which has received a £1,000 million grant from the Government. All agreed that MW should prepare a short paper to look at the opportunities and challenges. MW to liaise with NH, GSq and TM. JL to circulate précis that TM has provided to Leics.

MW
NH / GSq
JL

CLIMATE CHANGE ART EXHIBITION

SM suggested Rugby Library/Museum as a possible venue and NH identified potential issues with the Mead Centre at Warwick Uni. Emma Clarke to liaise.

EC

SWITCH IT OFF CAMPAIGN 2007

GSq provided brief update on success of campaign and thanked all partners who had been involved. Partnership with Coventry Evening Telegraph produced excellent publicity. Campaign results update is available at www.warwickshire.gov.uk/switchitoff

Short discussion on Ecofreak kettles - <http://www.ecofreak.co.uk/>

ALADDIN PROJECT

Richard Hicks outlined that the project unlikely to go ahead due to issues of insurance/liability. The project would have allowed local residents to swap old bulbs for energy efficient ones.

COMMUNITY BUILDINGS

WEEAC have received funding through the Stratford Well-being Fund to prepare feasibility reports for ten buildings in Stratford DC area and have carried out eight so far. Three of these have requested a grant to carry out the proposals.

DJ

SM reported that a project bid for a ground source heat pump has

been submitted for RBC funding.

Encraft has carried out feasibility studies on behalf of Building Sustainable Neighbourhoods (BSN) for 15 community buildings in Nuneaton.

JL noted that funding seems to be an issue and was there any way the Partnership could help? GeS suggested the Carbon Trust as a potential route of funding. TM commented that WREN was another potential source of funding. Contact for Warwickshire is Alison Watson (BIFFA) on Tel: 08700361000 or Matthew Cox (WREN) 01926 315820. TM suggested that John Winslow at Leicester would be a good contact for further ideas, Tel: 01162 404263. GeS

EU ENERGY PERFORMANCE OF BUILDINGS DIRECTIVE

Implementation date now Oct 08.

Agreed that should ask Bill Johnson to arrange meeting with all district boroughs to take forward. JL has sent LAA and other LA contacts to BJ already. Nigel Hardy noted that he is due to be trained up so WCC will be in a position to disseminate information to other LAs. NH

Contacts:

RBC (new person – SM to send details).

WDC – Mark Perkins.

SDC – Paul Chapman.

NBBC – Brent Davis

University of Warwick – Nick Hillard.

Stratford College – Alex Patterson

Carbon Trust – Georgina Stickels

POLITICAL WILL

The Conservatives have now announced plans for a feed-in tariff to increase the amount of renewable energy generation.

REGIONAL SPATIAL STRATEGY

SM reported that he has had some involvement with this and a major problem is that it is being reviewed in three separate chunks. More work needs to be done to feed into the process. SM noted that Eco town proposals are in addition to housing numbers proposed in the RSS.

SM feels it will therefore be crucial to embed environmental considerations into the Planning Core Strategy that is due to replace the Local Plan and that it will be relevant to all LAs. JL asked how the Partnership could help and SM suggested that the Partnership needs to get involved with consultation on all forthcoming policies. TM noted that the equivalent Leicestershire Partnership includes a All

planning officer in its group. JL suggested inviting a planning officer to join the Partnership group and that the LAA group may wish to do likewise. JL to ask WCC planning officers. JH also volunteered to contact Richard Cowl at CSWAPO to try to identify most suitable person to invite.

JL

JH

HOUSE BUILDING TARGETS

Any comments on how increases in house building will affect Warwickshire's ability to meet targets?

All

TM pointed out that in Lincoln a 'green bible' is given out to all developers submitting planning applications. WREN stipulate that the green bible needs reading before applying for a grant.

ii. Requests for help / Barriers to progress / previously unidentified projects

FUEL POVERTY

DJ reported that WEEAC are marketing projects in the Renew area, targeting deprived wards in Rugby to provide insulation to residents. SM to provide update on project and partners to GSq for news update. WEEAC also operating a low interest Green Loan scheme across Warks. DJ to send details for news update to GGSq.

SM

DJ

PV INSTALLATION

CB looking to install PVs at Hill Close Gardens and requested feedback on any similar local projects. GSq to send PV case study link to CB and SM. MR reported that Encraft working on PV installation project on social housing with Warwick DC. MR to liaise with CB. TM stated that PV is undervalued and the Woking have made it economically viable.

GSq

MR

STRATFORD COLLEGE

AP noted that College is planning projects and talks, e.g. home composting. Will also be looking at new buildings in future so will wish to liaise with partners. JL reported that Barbara Golding is producing a sustainable education strategy for Warwickshire, covering buildings and curriculum. BG is currently finalising the schools' strategy and will be contacting colleges and universities next. JL to ask BG to contact AP. MW reported that funding for the new Power Academy in Warks has been approved but no further details as yet. All agreed to keep a watching brief. TM suggested that Mal Calcgill of South Notts College would be a good contact for AP.

JL

All

AP

SMART METERING & BUSINESSES

MW requested information on Bayton Road Smart Metering project.

GSq to send link to case study on webpages. MW has been contacted by a business wishing to set up a green demonstration project and wishes to network with others. GSq to send contacts for two businesses in Redditch and Stratford who had expressed interest in green industrial estates. JL to contact Stephen Lewington at WCC to check other potential partners.

GSq

GSq

JL

SUSTAINABLE STRATFORD

DP reported that Stratford LA21 will be replaced by Sustainable Stratford on Tues 11 Dec, and will be following a similar funding model to Warwick's Action 21. DP asked for support for their Towns' Plastic bag-free scheme, which has been launched with Stratford Oxfam. DP to send short update to GSq for newspaper. RH noted that Leamington is also hoping to go plastic bag-free. RH to send short note to GSq.

DP

RH

BIOMASS

MR noted that Encraft has received a grant for a £40k biomass mini district heating project with Mercia Energy. MR to send short note to GSq for newspaper.

MR

WARWICK WIND TRIALS

MR reported that the open day scheduled for 11 Dec is fully booked and a repeat event has had to be organised, with delegates coming from as far afield as Sweden and Israel. Public opinion surveys have just been carried out for the trials. MR to send feedback to GSq for newspaper.

MR

ANAEROBIC DIGESTION

MR outlined an AWM funded project being run with the HRI. It is looking at waste from an abattoir in Arley but will also include food waste and should generate 150kW electricity and 250kW heat. Working with Greenfinch Shropshire. This project will need adding to the Action Plan so JL to contact MR / NH for more details.

JL

HYDRO POTENTIAL IN WARWICKSHIRE

BP has already carried out a survey into hydro potential across the county and has identified 200 old mills. Now keen to identify partners and sponsors/funding to undertake feasibility study to see if/where resource could be tapped into. JH suggested BP contacts Severn Trent as part of CSR funding for a community project. JH to provide contact details.

JH

RENEWABLES RESOURCE ASSESSMENT

JH outlined that within the existing Climate Change Strategy (due to be reviewed 08/09) there are no local targets for renewables, making commercial projects difficult to identify. JH would like input to determine a route map for renewables and CHP through to 2020. This would hopefully help to influence planning policy to create

suitable conditions for developers. JH proposes to draw together, review and update studies done to date (e.g. wind and biomass studies) to identify Warwickshire's potential and invited comments from the group. GeS noted that the Carbon Trust may be able to part fund this work, provided that outputs are clearly defined. JH to liaise with GeS. MR offered to share Encraft info. JL asked if districts would be interested to know what resources there were in their areas and SM/BD felt this would be useful.

JH
MR

WARWICKSHIRE CLIMATE CHANGE STRATEGY REVIEW 2008

In light of the new set of national indicators, continuing political support and increasing international targets, JL requested volunteers to form a Strategy Review Group. This group would also be asked to look at the potential for delivery mechanisms such as ESCO's and come up with a five year plan.

DJ

DJ offered his support. Any other volunteers?

All

OTHER MIDLANDS PROJECTS

TM reported that South Nottinghamshire colleges are looking to set up a scheme through the East Midlands Regional Assembly to provide technology training (including renewables) for young people. Loughborough University is installing a 2MW wind turbine as well as hydrogen generating kit and refuelling kit for vehicles. Nottingham University is also considering this hydrogen technology.

The National Trust is running a pilot endowment scheme with the aim of allowing endowments for a specific renewables project at a specific National Trust property. Calke Abbey will have PVs installed. PVs have already been installed at NT headquarters.

iii. Monthly Events update

GSq to continue to send out a business biased monthly (last Friday in the month) email with links to news and events. All to send GSq details of climate change related events they wish to promote.

All

Forthcoming events on the web.

<http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/9299E73767C15FE5802572E10056792E>

News on the web.

<http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/DBF63CEB1F23786A802572FD004E8B06>

EC to develop a community biased monthly climate change newsletter. All to send EC a paragraph and photo of any community story they wish to promote..

All

iv. Six-monthly Reporting

Carbon Reduction reporting interviews have been undertaken for:

Sustainable Travel, Warwickshire County Council
Matthew Rhodes, Encraft
Ian Glover, National Grid
Stephen Marks, RBC
Brent Davis, NBBC
Nick Hillard, Warwick Uni

v. Annual Review

A simple pro-forma used for Annual Review case studies has been added to the web site at:

<http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/DC897DE8989651A1802572E2004B2047>

31 case studies + have been written up for the 2007 annual review. All
For copies ask GSq or JL.

WARWICKSHIRE ENERGY STATISTICS 2007 JL
Bi-annual final draft report going to press shortly.

SECOND BIRTHDAY CELEBRATION (July 2008)
The intention is to arrange for an exhibition of climate change art in July – see above.

4. Action Plan Progress – (green reporting – any update notes to be sent by email before steering group meeting)

The Strategy is on the web site www.warwickshire.gov.uk/climatechange

News, events and details of the Action Plan appear on the Partnership pages <http://www.warwickshire.gov.uk/climatechangepartnership>

| Action | Owner |
|--|-------|
| Energy | |
| <p>1. Switch It Off campaign 2007, Switch It Off campaign 2008.</p> <p>Further details are on the web site.</p> <p>http://www.warwickshire.gov.uk/switchitoff</p> | |
| <p>2. Biomass Market Development</p> <p>Link to the feasibility studies, biomass Heating Support Group Terms of Reference on the web site.</p> <p>http://www.warwickshire.gov.uk/biomass</p> <p>Biomass specifiers guide on the web.</p> <p>http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/96814BF6190147B3802572E20055054F/\$file/A+rough+guide+to+biomass+heating.pdf</p> | |
| <p>3. Mapping of Warwickshire's Renewable Energy Resources: Meet Warwickshire's Renewable Energy target of 136 GWhe by 2010.</p> <p>Warwickshire 10% Scenarios report on the web.</p> <p>http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/A1967A42DD43BEA6802572E20057781F/\$file/Warwickshire+ten+per+cent+report+final.pdf</p> <p>Wind speed map on the web.</p> <p>http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/A1967A42DD43BEA6802572E20057781F/\$file/warwickshire+wind+map.pdf</p> <p>Monitor Performance of the EPIC PV Installation</p> <p>The monitoring of the PV installation commenced in October 2007 and data is now being downloaded on a 2 week cycle. It would be appropriate to base results on data collected over a 12 month period. However, the work is already providing some interesting results which will be brought to the attention of the WCC Asset Manager.</p> | |

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| <p>4. Eco Congregation Projects</p> <p>Stratford Methodist case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/95E43C259F2808AD802572FB003D7717/\$file/Stratford+Methodist+Church+case+study.pdf</p> | |
| <p>5. Installation of Heat pumps</p> <p>Link to Hill Close Gardens case study. http://www.action21.co.uk/energy_case_study.html</p> | |
| <p>6. Procurement of Climate Change Levy Exempt / Renewable Electricity</p> <p>Link to WCC's Sustainable Procurement Strategy. http://www.warwickshire.gov.uk/web/corporate/pages.nsf/(DisplayLinks)/30E3B8F19726BAA480256DEF0057FB48</p> | |
| <p>7. Home Energy Efficiency projects</p> <p>Link to the Warwickshire Energy Efficiency Advice Centre. http://www.weeac.org/</p> | |
| <p>8. Community Energy Champions:</p> <p>Link to the University of Warwick Inter Halls Energy Champions. http://www2.warwick.ac.uk/insite/newsandevents/intnews2/energy_champions_international/</p> | |
| <p>9. Warwick Wind Trials</p> <p>Link to the Warwick Wind Trials web site. http://www.warwickwindtrials.org.uk/</p> <p>The Hill Close Gardens wind turbine has now been generating for ten months. Results so far disappointing, but not unexpected, site far from ideal. They hope to raise mast by 3m to gain more wind & lose local turbulence.</p> | |
| <p>10. School Energy Projects</p> <p>Ecoschools web site. http://www.warwickshire.gov.uk/ecoschools</p> | |
| <p>11. EU Energy Performance of Buildings Directive (legal req)</p> | |

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| <p>Link to Warwick Action 21 Environmental Champions project. http://www.action21.co.uk/environmental_champions.html</p> <p>This project is under development, to express an interest or have a chat about it, contact Michelle at Warwick District Council on 01926 456076 or e-mail michelle@action21.co.uk.</p> | |
| <p>12.Grants for Renewable Energy</p> <p>Link to Rugby BC renewable energy grants. http://www.rugby.gov.uk/site/scripts/documents_info.php?documentID=113&pageNumber=6</p> <p>Keith Sinfield case study on the web (solar thermal and PV) http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/95E43C259F2808AD802572FB003D7717/\$file/Keith+Sinfield+solar+renewables+case+study.pdf</p> | |
| <p>13.Develop 'Invest to Save' type schemes</p> <p>Cabinet at Warwickshire County Council agreed to set up and energy efficiency invest to save fund. http://www.stratford-dc.gov.uk/corporate/FwdPP.nsf/d5116a2c3a243b1080256b5d0041cec1/5bef12ccd08f8bc480256e23003490ea?OpenDocument</p> | |
| <p>14.Energy Efficient Lighting Projects in buildings, street lighting and traffic signals</p> <p>Link to Warwickshire's street lighting home page. http://www.warwickshire.gov.uk/web/corporate/pages.nsf/(DisplayLinks)/DE0CD679083B8D5D80256C4D00465E75</p> | |
| <p>15.Develop suitable delivery mechanisms for Warwickshire</p> <p>A possible approach to meeting Warwickshire's climate change targets could be the creation of a dedicated 'not for profit' company to lead on specific energy issues.</p> <p>Not for Profit Companies elsewhere:</p> <ul style="list-style-type: none"> • Energy Partnership (like Cornwall Sustainable Energy Partnership) – To have overall responsibility for co-ordinating the delivery of the vision set out in the strategy, to facilitate targets and maximise economic benefits. To act as focal point and brand image for renewables – Community Renewables Initiative (CRI) and energy efficiency and other sustainable energy objectives | |

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| <ul style="list-style-type: none"> • Renewable energy partnership – to specifically facilitate delivery of renewable in Warwickshire • Hydrogen Partnership – to support initiation of hydrogen projects in Warwickshire | |
| <p>16. Combined Heat and Power Projects</p> <p>Link to the Combined Heat and Power Association, Warwick University. http://www.chpa.co.uk/about_us/profiles/warwick_uni.shtml</p> | |
| <p>Transport</p> | |
| <p>17. Alternatively Fuelled Vehicle Projects</p> <p>Biodiesel case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/9BB A957F5FEB2E4D802572FD0056C19C/\$file/Biodiesel+Project.pdf</p> <p>Tony Marmont, Beacon Energy, is converting two Toyota Prius Hybrid Cars to be both " Plug In " (extra battery capacity raising mpg to 135 mpg for local journeys), and Hybrid , Petrol/Electric/Hydrogen.</p> <p>Leamington Town Council will lease a hybrid / electric mayoral vehicle in the summer of 2008.</p> <p>Link to a list of green cars. http://www.whatgreencar.com/</p> | |
| <p>18. Development and Monitoring of Business Travel</p> <p>Link to work based travel plans. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/E8A 55CA86B64F6DE80256FDC0039CF04</p> | |
| <p>19. Reduce food miles and increase the amount of local food production</p> | |
| <p>20. School Travel Plans</p> <p>Link to school travel plans. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/AF9 B2349832530D880256FDB00351108</p> | |
| <p>21. Establish fuel efficiency driving courses</p> <p>Anti-idling case study on web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/9BB A957F5FEB2E4D802572FD0056C19C/\$file/Anti+-</p> | |

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| +Idling+Campaign+2006.pdf | |
| <p>22. Identify uses for the canal network in Warwickshire</p> <p>Link to Warwickshire canals. http://mysite.wanadoo-members.co.uk/heartofengland/canals.htm</p> | |
| <p>Resource Efficiency</p> | |
| <p>23. Increase the use of 'Smart metering'</p> <p>Bayton Road Smart Metering project case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/B73E7DCC51542EE0802572FD0073F398/\$file/Bayton+Road+Energy+Metering+Project+Report+v3.pdf</p> | |
| <p>24. Implementation of Corporate Waste Minimisation Strategies</p> <p>Link to home composting web site. http://www.recyclenow.com/compost/</p> | |
| <p>25. Increase Business Resource Efficiency</p> <p>Bayton Road smart metering project on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/B73E7DCC51542EE0802572FD0073F398/\$file/Bayton+Road+Energy+Metering+Project+Report+v3.pdf</p> | |
| <p>26. Develop a Warwickshire Waste Partnership</p> | |
| <p>27. Increase recycling rates</p> <p>Goods Again project case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/B73E7DCC51542EE0802572FD0073F398/\$file/Goods+Again+Project+at+Onley+Prison.pdf</p> <p>Recycled roads case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/B73E7DCC51542EE0802572FD0073F398/\$file/Recycled+Roads+Project.pdf</p> | |
| <p>28. Improve heating efficiency</p> | |
| <p>Adaptation</p> | |
| <p>Climate Change Adaptation research report on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/245EAC2B55BC474A80257304005E192D/\$file/Warwickshire+Climate+Ch</p> | |

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| <p>29. Sustainable Construction Projects</p> <p>Wolseley case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/B73E7DCC51542EE0802572FD0073F398/\$file/Wolseley+2006+(2).doc</p> <p>Pride in Camp Hill case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/F3773FCFD21EF96C802573040057C4B8/\$file/Sustainable+Construction+Practices+-+Pride+in+Camp+Hill.pdf</p> | |
| <p>30. Sustainable Buildings Projects</p> <p>Link to the Sustainable Public Buildings web site. http://www.sustainablepublicbuildings.org.uk/</p> | |
| <p>31. Public Health Services in a Changing Climate</p> <p>Link to Health Effects of Climate Change report. http://www.dh.gov.uk/en/Publicationsandstatistics/Publications/PublicationsPolicyAndGuidance/DH_4007935</p> | |
| <p>32. Strategy Integration</p> <p>Link to Sustainable Housing Action Plan http://www.sustainabilitywestmidlands.org.uk/assets/userfiles/shap/planning/000181.pdf</p> | |
| <p>33. Planning for Renewable Energy</p> <p>Link to Rugby BC renewable energy grants. http://www.rugby.gov.uk/site/scripts/documents_info.php?documentID=113&pageNumber=6</p> | |
| <p>34. Business Planning – delivery of climate change targets</p> <p>Link to WCC’s Business Plan, see page 7. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/FD2FDE76093BC0328025730900326A9E/\$file/CBP+27-06-07+website+version.pdf</p> | |
| <p>35. Sharing of Best Practice in Sustainable Procurement</p> <p>Link to an article about WCC’s sustainable procurement activities. http://www.govops.co.uk/magazine/previous/0703/sustaininguccess</p> | |

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| s.pdf | |
| <p>Communication & Education</p> <p>List of events and publications July 2006 to June 2007 on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/A2B46DEC87EBF39680257308006D45ED/\$file/Events+and+publications.pdf</p> | |
| <p>36. Gathering Good Practice Case Studies from members of the Warwickshire Climate Change Partnership</p> <p>Myton School ecoschool case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/A2B46DEC87EBF39680257308006D45ED/\$file/Eco+Schools+Programme+-+Myton+School.pdf</p> <p>Keith Sinfield domestic solar case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/95E43C259F2808AD802572FB003D7717/\$file/Keith+Sinfield+solar+renewables+case+study.pdf</p> | |
| <p>37. Development of an Action, Emissions and Reporting System - Energy and Carbon Dioxide Statistics Reporting.</p> <p>Warwickshire Energy Statistics report on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/179A6CB293ABC771802572E2005A2B26/\$file/energy+stats+base+line+for+climate+change+strategy.pdf</p> | |
| <p>38. Community carbon reduction / carbon foot-printing projects</p> <p>Carbon compensation scheme with Practical Action on the web. http://www.warwickshire.gov.uk/climatechange/compensation</p> <p>Building Sustainable Neighbourhoods Community Carbon Footprint Projects</p> <p>15 community groups have been supported by BSN through an energy audit of their building. Work following this has then depended on the groups commitment and enthusiasm. Generally, if they wished, they wrote an action plan of improvements. They could then apply to BSN for funds to implement the actions. The table below shows which groups have done what:-</p> | |

| Group | Energy survey | Energy Efficiency Measures Implemented |
|--|---------------|---|
| BHLAC | Completed | Cavity wall |
| Exhall Old school | Completed | Double Glazing (new heating done previously) |
| Guideposts | Completed | Heating and double glazing |
| Pastels | Completed | 1 Storage heater, 19 light fittings, Cavity wall insulation to the rear of the building (café area) |
| Muslim Society | Completed | Replacement boiler (condensing 'A' rated), Heating controls for new and existing boiler, Lighting controls in 5 locations |
| Salvation Army | Completed | |
| Nuneaton Women's Multicultural Resource Centre | Completed | |
| CAB | Completed | Draught proofing windows & Cavity wall insulation, New boilers & radiator |
| Nuneaton Young People | Completed | |
| All Saints Church Hall | Completed | |
| Hatter Space Community | Completed | |
| Sikh Mission | Completed | 3 x high efficiency condensing boilers, Install 4 (7 day) heating programmers, Room thermostat or thermostatic radiator valves in each room. |
| Manor Court Baptist Church | Completed | 4 new heating units plus reconnection of gas to existing appliances + new timer control |
| Camp Hill Church hall | Completed | Roof insulation (alongside new roof) and new low energy light fittings |
| Welfare Rights Advice Service Awaiting | Completed | |
| Bedworth Arts Centre | Completed | |

Link to the Building Sustainable Neighbourhoods web site. <http://www.warwickshire.gov.uk/bsn> and the Community Carbon Footprint Reduction project <http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/834>

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| 5CAEA4FB470918025739C0039AD0D | |
| <p>39. Awareness / Training</p> <p>Switch it Off campaign on the web. http://www.warwickshire.gov.uk/switchitoff</p> <p>Activities list on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/208CF3A6E7A5EF70802571E000385C82/\$file/Activities+List+for+web+2007.pdf</p> <p>Final report from the 2006 campaign on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/208CF3A6E7A5EF70802571E000385C82/\$file/Final+Report+-+Warks.doc</p> | |
| <p>40. Communications Strategy</p> <p>Communications and Education page on web site. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/3ED8FE1B166F9B1D8025730400795EDE</p> <p>List of events and publications on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/A2B46DEC87EBF39680257308006D45ED/\$file/Events+and+publications.pdf</p> | |
| <p>41. Invest to Save Schemes</p> | |
| <p>42. Skills Mapping / Gap Analysis to identify educational training requirements to deliver actions</p> <p>Link to Sustainable Development in Learning the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/4C4FCB97386BB38280257088004309BD</p> <p>Link to Education for Sustainable Development web site. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/4DB06B1A7471A64180256E040050517A</p> | |
| <p>43. Public Opinion</p> <p>Attitude survey available on the web – please encourage as many people as you can to fill it in. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/719FB785766C2DDA80257304007AAA73/\$file/How+do+you+feel+about+climate+change+template+apr07.pdf</p> | All |

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| <p>44. Tourism Opportunities</p> <p>Link to an article about miners walks on the North Arden Heritage Trail. http://www.northwarks.gov.uk/site/scripts/news_article.php?newsID=92</p> | |
| <p>45. Identify Business Opportunities in manufacturing, specifying provision and installation of Low Carbon Technologies</p> | |
| <p>Strategic</p> | |
| <p>46. Co-ordination of the Warwickshire Climate Change Partnership</p> <p>Link to Steering Group Terms of Reference, minutes and action plan 2006 / 2007 on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/7E511CDA04990774802572E1004F3F09</p> | |
| <p>47. LAA Delivery Group</p> <p>Link to the Warwickshire Local Area Agreement. http://www.warwickshire.gov.uk/laa</p> <p>Link to the University of Warwick's carbon management action plan. http://www2.warwick.ac.uk/about/environment/utilities/carbon/carbon_mgt_implementation_plan.pdf</p> | |
| <p>48 Instigate the Transition Towns Initiative</p> <p>Though some way off reaching the stage of defining projects, some progress has been made in terms of the Transition Town Project Group here at Leamington. Detailed below are the main achievements since the exploratory meeting in September:-</p> <ol style="list-style-type: none"> 1. Steering Group reformed to embrace wider community and business interests 2. First Meeting held on 20th November 2007 (60 attendees) 3. Priorities for action agreed as follows:- <ol style="list-style-type: none"> a. Develop Mission Statement b. Audit of existing Groups and individuals to establish current progress and the potential commitment to the objectives of the Transition Town Project c. Through the audit, invite key groups and opinion formers to a series of "open space" events to develop key topics of relevance and encourage them to undertake awareness raising | |

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| activities d. Identify possible opportunities in the short term to raise the profile of the Project and Climate change issues generally e. Work toward the unleashing of the Project in September, 2008. | |
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5. Funding Opportunities

Link to the Building Sustainable Neighbourhood Environmental Action Fund for community and voluntary groups.

<http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/A06791133225F0668025739C003A8C82>

The purpose of this fund is to provide support to community and voluntary groups in delivering projects that will:

- support environmentally based community enterprise activity
- promote healthier or more sustainable lifestyles or
- address environmental dereliction

Groups can apply for up to £10,000 (although most awards will be around the £5,000 unless they are exceptional circumstances) to help deliver their projects. The funding can pay for anything from new footpaths in an open space, to marketing a new environmental community enterprise to running events to encourage the use of a green space.

BSN Officers will work with a group to help develop the project, obtain costs, consult with other residents/stakeholders and apply for funding.

6. Any other business

Update strategy in 2008 – need a group of strategic leads to volunteer

7. Date and venue of next meetings

7th March 08

6th June 08

5th September 08

5th December 08

Venue

- Montague Road Training Room, Warwick (tbc).

Peter Baynham of Eon has offered to host one of our future meetings at Eon, Westwood Business Park, Coventry.