

Delivering the Warwickshire Climate Change StrategySteering Group MeetingFri 7th March 2008 9:30 for 10:00 till 13:00Montague Road Training Room, Warwick**Minutes****1. Welcome, Present, Introductions, Apologies****Present**

Jacky Lawrence (WCC)	Dawn Ford (NBBC)	George Martin (Willmott Dixon)	Richard Hicks (WDC Action 21)
Gillian Squires (WCC)	Stephen Marks (Rugby Borough Council)	Bernard Perkins (Craydene Associates)	Cindy Musgrave (Encraft)
Nick Hillard (University of Warwick)	Cllr Pat Ryan (Mayor of Kenilworth, Kenilworth Initiative on Climate Change)	Mike Woolacott (ATI Projects Ltd., GreenWatt)	David Jullien (WEEAC)

Apologies

John Barnham (Heart of England Housing Group)	Janet Alty (Action 21, Green Party)	Professor Tony Marmont (Beacon Energy Ltd.)	Tony White (Warwick District Council)	Rod Wilkinson (Severn Trent)
Bob Bullock (Warwickshire Police)	Brent Davis (NBBC)	Emma Clarke (WCC)	Jonathan Horsfield (WCC)	Simon West (AWM)
Steve Maxey (NWBC)	Abi Windridge (Building Sustainable Neighbourhoods)	Derrick Knight (Climate Change Solutions)	Chris Begg (Hill Close Gardens)	Alex Patterson (Stratford- upon-Avon College)
Matthew Rhodes (Encraft)	Georgi Stickels (Carbon Trust)			

Note

Lynne Roscrow, Sector Account Manager, is taking over from Georgi Stickels as our Carbon Trust contact.

The Carbon Trust - Making Business Sense of Climate Change
Customer Centre, PO Box 89, Witney, OX29 4WB, Tel: 01865 885100, Fax:
01865 885149, Carbon Trust Energy Advice Line: 0800 0852005,
www.carbontrust.co.uk

2. Minutes of last meeting

Agreed

No matters Arising.

3. Warwickshire Climate Change Strategy – Communications

- **Progress Reporting**

i. Actions from last meeting**ENERGY****BIOMASS**

There is to be a bid to AWM via the Forestry Commission to fund a market facilitator. 20-30 potential projects identified across Warwickshire. Wood fuel depot to be set up near Leamington. BP / BD

NH plans include significant funding for biomass plant by 2010. NH

ANAEROBIC DIGESTION

AD is being considered at Wellesbourne HRI. NH

CM has a feasibility report on a butcher in Fillongley who has his own abattoir and needs to dispose of the animal waste. Contact CM for further information All/ CM

SWITCH IT OFF CAMPAIGN 2008

Need as many individuals, groups, businesses, other organisations as possible to join in this years campaign. Everybody has a part to play. Contact Gillian Squires for further information. All

Could WCC climate change team and Greening Kenilworth Initiative work together to support Rouncil Lane 6th Form? GSq to contact PR GSq PR

Student Switch Off - there has been a competition for the best face book entry with the prize of free Ben & Jerry's ice creams for a year. NH
NH to contact Emma Clarke at WCC with details.
GSq outlined SD-UK award.

RENEWABLES RESOURCE ASSESSMENT ENERGY TRAILS

BP and Eleanor Perkins able to do some energy trails research for 2 days over the summer holiday. BP to contact Emma Clarke to discuss offer. BP

Need social history of the proposed trail in Kenilworth. Contact Pat Cage lives in the old windmill. RH / EC / PR

WCC is to allocate up to £50k to explore the potential for appropriate scale renewables on its own estate. SM requested that WCC share their process with RBC – i.e. how much to prepare the tender document for consultants to carry out the work, how to come up with a top ten list etc. JL

Jonathan Horsfield at WCC to explore the potential for matching this money with external funding. JH

FUEL POVERTY

Free insulation is available in the RBC area for specific communities. Everyone over the age of 70 can qualify. This project is part of the CERT work (Carbon Emissions Reduction Target (replaces EEC2)). Contact Stephen Marks for further details.

PHOTOVOLTAICS

PV is to be installed on around 6 Harborough cottages in a WDC project. CM to send info to put in the action plan. CM

TRANSPORT

RESOURCE EFFICIENCY

FISCHER TROPSCH

Further info on the process as below:

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

MW / GS / NH /
TM

Positive responses received from a range of Partners. The best example of a plant in Europe is Gussing in Austria. AWM interested in a feasibility study. Some private companies also interested in investing in the WM but only if there is sufficient client base. Contact MW for further information.

ADAPTATION**ECOHOMES**

All to send useful data for the eco-home pages on the partnership web site.

<http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/7751BB170FD17E7B802573B5003B194F>

All

GM to send information on Cornwall Academy for Sustainable Communities and passive homes in Germany.

GM

GSq to contact NWBC to find out progress on their eco-homes project.

GSq

Barratt's are trialling different things for achieving the code for sustainable homes level 5 or 6.

GM informed the group of an eco-home being built in Malthouse Lane, Kenilworth (alongside three normal ones).

We are told that Richard Baines (Black Country Housing Association) is an expert on affordable housing and retro-fitting.

SWAHA is looking for land in the south of the county to build the eco-home the children designed in a competition. They have now installed ground source heat pumps in 80 dwellings.

There is to be a Midlands Home Building exhibition at the Ricoh Arena, June 26th and 27th. This is supported by the two RDA's – AWM and EEDA. GSq to check details from MW and put them on the web. There will be a German pavilion and the hope is to create an interface between Midlands companies and suppliers and German ones.

MW / GSq

Will code for sustainable homes level 6 houses overheat in 20 years time?

The UK Green Building Council has a private sector lead, led by Paul King, campaigning for a greener environment. 150 members so far and we have been told they have a great web site. They have a route map for a sustainable built environment.

<http://www.ukgbc.org/site/home>

COMMUNITY BUILDINGS

There is useful information in the WCC funding bulletin – see at the end of these minutes.

The CVS / CAVA have 600 community groups signed up and Rugby Funders are having an event for local community groups.

PLANNING

Core Strategy documents need to include climate change issues.

We need to keep an eye on what happens in Coventry. They need to build 33,000 houses but haven't got space inside the city.

Need to ask planning colleagues whether an SEA is needed for the strategy review. JL

Need to gather best practice examples that address the grey area between building regulations and planning. Are there any good planning regimes? SEEDA may be worth looking at. All

Need to collate dates of when all planning consultations are proposed and new PPG's, PPS's etc. SM

INDUSTRIAL ESTATES

Does anyone know of work on any industrial estates looking at sustainability issues such as district heating? LCLIP / All

EMERGENCY PLANNING / FLOODING

Proposed student work plan on adaptation and NI 188 to be sent to all LA Partners for comment. JL / DF / CM / SM / GSq

Environment Agency visit notes to be sent to GSq, DF, CM and SM. JL

COMMUNICATIONS & EDUCATION**POTENTIAL CASE STUDIES**

NWBC Contact changed from David Baxendale to Richard Dobbs and Steve Maxey. GSq / EC

NBBC – CHP Pingles and Bedworth Leisure Centre, Ropewalk and Harefield road carparks. GSq to contact Brent Davis. GSq

WDC – Oakley Crematorium – contact Mark Perks. JL

GSq to send out templates to DF / BD to fill in. GSq

POWER ACADEMY

Need to find out about any progress. Prepare briefing paper or arrange talk. JL

ENVIRONMENTAL / CLIMATE CHANGE ART EXHIBITION (causes, consequences, solutions)

Notes	Action:-
Timed to celebrate the second anniversary of Warwickshire's Climate Change Strategy launch.	
Ashlawn school has banner art of renewable energy which could be used in the art exhibition. EC to be informed.	EC
There has been a Canon sponsored outside art exhibition where pictures were projected onto the side of a house in Brittany. MW to contact Emma Clarke with details. It may be worth contacting Canon.	MW
We could look at getting a design onto British stamps – three year lead time for this.	EC
Would it be possible to arrange to display some 'Earth from the Air' art work?. There is lots of holding space around building works at Kenilworth (contact Joe Baconnet, WCC).	Tony McNally EC
The CVS newsletter may be a good place to advertise this. Contact Amy Olive on amy@rugbycvs.org.uk	
All to send A4 photo's and paintings with a paragraph to explain project or picture. To Emma Clarke.	All
PROJECT APPRAISAL TOOL	
JL to come up with a project appraisal tool for projects with either no capital investment or a payback of over 5 years. BP, GM, MW, CM, DJ volunteered to help in the development. Covers – project stakeholders, project attractiveness, timescales, funding etc. It is an attempt to develop a methodology to help choose between particular projects if partners only have the capacity to deliver one. It could act as a second tier appraisal tool behind the financial assessment.	JL BP, GM, MW, CM, DJ
CARBON MANAGEMENT ACTION PLANS	
The University of Warwick's one year carbon management action plan is available on the web. http://www2.warwick.ac.uk/about/environment/carbon_mgt_year_1_report_-_final.pdf	
CARBON FOOTPRINTING	
The DCFS have brought out a simple carbon calculator tool to help schools reduce CO ₂ emissions. GM to send details to JL.	GM
Encraft has a suite of calculators available on their web site. http://www.encraft.co.uk/ws/P/Calculators/HomePage.php . Contact CM for more information.	CM All

STRATEGIC**WARWICKSHIRE CLIMATE CHANGE STRATEGY REVIEW 2008**

JL / DJ / NH

Review documentation being prepared. Need to be clear on how the Climate Change partnership fits with the LAA / Public Service Board / LSP's / Sustainable Communities Plan / Localities working / narrowing the gap.

Need to identify what is success in terms of the Partnership CM to raise at Stratford LSP for input from non LA bodies. Local LSP Board invited onto Public Service Board.

Could Alan Franks be invited to talk about the LAA sometime? Programme of talks to be explored.

JL

Second energy statistics report published and on web.

JL

REGIONAL SPATIAL STRATEGY**Eco town proposals update**

The Government's Eco-town initiative seeks to deliver new zero-carbon communities. There is a proposal to develop a new Eco-town at Middle Quinton, a former MOD Depot near Stratford. The Eco-town would regenerate 240 hectares (600 acres) of brownfield land. This would provide in excess of 6,000 new homes, with substantial affordable housing, and new employment as well as community infrastructure including schools, health care and retail facilities to meet the day to day needs of the new and existing community. The town would have its own renewable sources of energy supply, waste recycling and water recovery.

Stratford Area Committee March 19th – report will be available following.

Considered possibly too small an area – Warwick has 12,000 houses over 2,000 hectares.

ii. Requests for help / Barriers to progress / previously unidentified projects**WHOLE LIFE COSTING**

Any volunteers to lead a project?

Volunteer?

NH to ask at the University of Warwick to find out who are the experts in his area.

NH

Encraft and BP may be able to help as may Procurement Teams, Treasury Guidance (green book). NH to speak to Matthew Rhodes.

All / MR / BP

NH / JL

Notes	Action:-
to speak to Janet Chapman at WCC. NH to liaise with Matthew Rhodes. All to find sources of information for GSq to put on the web site.	All/ GSq
LOCAL OFF-SET SCHEME NH would be interested in exploring the potential for setting up a local offset scheme to fund local projects. Any volunteers to help?	All Volunteers?
CARBON COMPENSATION SCHEME JL outlined this Warwickshire scheme which helps fund adaptation actions in Bangladesh and Nepal and explained how it will be more widely marketed.	EC / JL
ENERGY MANAGER GROUP GSq is to set up a Warwickshire Energy Manager's Forum. All to let her know of potential members, whether they be full-time energy manager's or those with a part time responsibility. Anyone who would like support or wants to know what others are doing.	All
COMMUNITY ENGAGEMENT JL is interested in any advice for effective community engagement.	All
RENEWABLES FEASIBILITY JL is interested in finding out if anyone is considering the potential for renewable energy?	All
iii. Monthly Events update / Community Newsletter	
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 continues with the monthly community biased monthly climate change newsletter. All to send EC a paragraph and photo of any community story they wish to promote.	All
As of 8 th April 2008.	
❖ There are 101 web pages on the Climate Change Partnership site.	
❖ The web pages received an average of 7,000 hits per month during the first three months following their launch in July 2007.	

- ❖ 211 people On the contacts database who get regular (at least monthly) communications including news, events and steering group minutes.
- ❖ These people represent 107 different organisations.
- ❖ 22 of these people are active members of the Steering Group.
- ❖ A separate group of 67 people have signed up to receive the monthly climate change community newsletter (plus all staff in community protection).
- ❖ There are 48 main Climate Change project areas captured in the Climate Change Action Plan: 16 Energy; 6 Transport; 6 Resource Efficiency; 6 Adaptation; 10 Communications & Education and 4 Strategic projects.
- ❖ There are 97 separate partners listed in the action plan as having been or who are currently active.

iv. Case Study Reporting

Carbon Reduction reporting interviews / case study meetings have been undertaken for:

October / November 2007: University of Warwick, Encraft, National Grid, WCC Sustainable Travel Team, Nuneaton & Bedworth BC.

December 2007: Rugby BC, George Eliot Hospital, WCC Energy Manager.

January : Warwickshire Police,

February / March: WDC (tbc), Stratford DC

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>

WARWICKSHIRE ENERGY STATISTICS 2007

Second statistics report available on the web.

[http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/179A6CB293ABC771802572E2005A2B26/\\$file/Statistics+Report+March+20th+2008.pdf](http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/179A6CB293ABC771802572E2005A2B26/$file/Statistics+Report+March+20th+2008.pdf)

All
JL

SECOND BIRTHDAY CELEBRATION (July 2008)

The intention is to arrange for an exhibition of climate change art in July – see above.

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>

See the community funding page on the web

<http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/5BF5779B892DD02A802573FB003C19DC>

ENERGY FUNDING

The European Commission has launched two calls for proposals for energy projects.

The **Concerto** Initiative supports local communities, as defined geographical areas or zones, in developing and demonstrating concrete strategies and actions that are both sustainable and highly energy efficient.

The deadline is 8 October 2008.

<http://www.concertoplus.eu>

The **Intelligent Energy Europe** Programme funds projects in areas such as renewable energy, transport, energy efficiency and energy education. It does not fund R&D or infrastructure projects; rather it acts as catalyst for change through capacity building, exchange of experience, the development of markets and intelligence, policy input and education & training. IEE also funds the creation of regional and local energy agencies. **The deadline is 26 June 2008.**

http://ec.europa.eu/energy/intelligent/index_en.html

Both funding programmes involving working with partners in other EU Member States or overseas.

Energie Helpline UK – part of an EU wide network of National Contact Points that works in close co-operation with the Commission – supports UK organisations applying to both Concerto and FP7.

Energie Helpline UK

Tel. 0161 874 3636

Email: energie@enviros.com

<http://www.energiehelpline.co.uk>

COMMUNITY SUSTAINABLE ENERGY PROGRAMME

This recently launched scheme is designed to ease the financial impact of rising energy costs and enable communities to reduce their

carbon footprint.

Grants will be provided to not-for-profit community-based organisations via two strands: Capital, and Project Development. Capital Grants of up to £50,000 are available and up to £5,000 for Project Development Grants.

Capital Grants are intended for the purchase and installation of a range of new technologies, along with various energy efficiency measures such as cavity wall insulation, loft insulation and heating & lighting controls. Applicants will be required to source between 25% and 50% of the overall project costs, either from their own resources or from elsewhere. Project Development Grants can also be used towards the costs of studies to investigate the feasibility of installing the above-mentioned technologies.

Whilst applications for Development Grants may be submitted at any time, there are quarterly deadlines for Capital Grant applications. The next deadlines are 16 May and 15 August.

A full project proposal must be submitted with applications. Further details and application form information can be found from:

Building Research Establishment (BRE)
Building 17
Bucknall Lane
Garston
Watford WD25 9XX
Tel: (01923) 664000
E-mail: info@communitysustainable.org.uk
Web: <http://www.communitysustainable.org.uk>

ENGLAND & WALES CRICKET TRUST 'GO GREEN' CLUB FUND

Recently launched, this Fund is designed to promote the concept of cricket clubs 'going green' and to support the UK's short target to reduce (CO₂) emissions by 20% by 2010. Clubs can potentially apply for grants for projects that have an environmental theme and/or improve energy efficiency.

The grant is limited to a maximum of £10,000 per club and cannot exceed 75% of the total cost of the project.

Examples of the type of project that will be supported include the following:

- * Solar panels
- * Wind turbines

- * Low energy lighting
- * Improved thermal efficiency of walls, windows and roofs
- * Installation of energy efficient products
- * Provision of bicycle storage
- * Water conservation
- * Composting/recycling schemes

To be eligible to apply, cricket clubs must be affiliated to the ECB via their County Cricket Board CCB and registered for NatWest CricketForce 2008

To register for NatWest Cricketforce please visit
<http://www.ecb.co.uk/ecb/cricketforce/>

Applications are now being accepted and currently there is no advertised closing date.

England and Wales Cricket Board (ECB)
c/o County Cricket Ground
Old Trafford
Manchester M16 0PX
Tel: (0161) 877 6643
E-mail: janine.holt@ecb.co.uk
Website: <http://www.ecb.co.uk>

APPLYING for FUNDING – TOP TIPS

- ☺ **Project Planning:** a successful funding application comes from a well planned project. Spending time on this will pay dividends later.
- ☺ **Define the need** for the project.

All funds are given to solve a problem. Are you clear about what you are trying to address?
- ☺ What will the **outcome** for the project be – in terms of community/people?
- ☺ **Speak to others** with an interest in your proposed project.
- ☺ Be selective. Only apply for funding if you are sure your project meets the **priorities** stated in the **guidelines**, so read them carefully.
- ☺ Show the funders how their investment will **make a difference:** funding is very competitive and you are likely to be against other worthwhile projects.
- ☺ **Talk to the grant maker** before you submit your application.
- ☺ When **completing the application** be precise, clear and to the point. Assume the funder knows nothing about your organisation and state the obvious!
- ☺ Grants can rarely be increased after the award so ensure your project is **accurately costed**.
- ☺ Ask someone else to **check** your application and provide constructive criticism.

Grants and Funding web pages – keep up to date in between issues of this bulletin at www.warwickshire.gov.uk/grants

Above taken from:

UK funding information:

Sarah James, Tel: 01926 412228

sarahjames@warwickshire.gov.uk

6. Any other business

A reminder to look at the events page of the web site.

All

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

A reminder to all to send in updates for the action plan.

All

7. Date and venue of next meetings

6th June 08 (Apologies: Stephen Marks, Richard Hicks)

5th September 08

5th December 08

Venue

Montague Road Training Room, Warwick.

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

Alex Patterson of Stratford-upon-Avon College has also offered to host one of our future meetings.

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
<p>Energy</p> <p>Energy case studies on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/95E43C259F2808AD802572FB003D7717</p>	
<p>1. . Promote Warwickshire's Carbon Hierarchy Further details are soon to be put on the web site.</p> <p>1b. Switch It Off campaign 2007, Switch It Off campaign 2008. Further details are on the web. http://www.warwickshire.gov.uk/switchitoff</p>	
<p>2. Create a Biomass Market</p> <p>Link to the feasibility studies, biomass Heating Support Group Terms of Reference on the web site. http://www.warwickshire.gov.uk/biomass</p> <p>Biomass specifiers guide on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/96814BF6190147B3802572E20055054F/\$file/A+rough+guide+to+biomass+heating.pdf</p> <p>Fuelwood (Beausale) summary case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/95E43C259F2808AD802572FB003D7717/\$file/Biomass+Heated+Workshops+and+Offices.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. 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. 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>4. Develop Environmental Faith Group Projects</p> <p>4b. Eco Congregation Projects</p> <p>Stratford Methodist full 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. Install Heat pumps</p> <p>Link to Hill Close Gardens case study.</p>	

http://www.action21.co.uk/energy_case_study.html	
<p>6. Procure 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. Develop Home Energy Efficiency projects</p> <p>Link to the Warwickshire Energy Efficiency Advice Centre. http://www.weeac.org/</p> <p>Centrica home energy projects summary case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/95E43C259F2808AD802572FB003D7717/\$file/Centrica's+home+energy+efficiency+projects.pdf</p>	
<p>8. Create Green and 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>Link to Warwick Action 21 Environmental Champions project. http://www.action21.co.uk/green_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>9. Evaluate the Potential for Urban Wind</p> <p>Warwick Wind Trials Link to the Warwick Wind Trials web site. http://www.warwickwindtrials.org.uk/</p>	
<p>10. Implement School Energy Projects</p> <p>Ecoschools web site. http://www.warwickshire.gov.uk/ecoschools</p> <p>Ashlawn School Wind Turbine summary case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/95E43C259F2808AD802572FB003D7717/\$file/Ashlawn+School+Wind+Turbine.pdf</p>	
<p>11. Comply with the EU Energy Performance of Buildings Directive (legal req).</p>	
<p>12. Maximise Availability of 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 full 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.</p>	

http://www.stratford-dc.gov.uk/corporate/FwdPP.nsf/d5116a2c3a243b1080256b5d0041cec1/5bef12ccd08f8bc480256e23003490ea?OpenDocument	
<p>14. Implement 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. Volunteer needed to lead.</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 • Renewable energy partnership – to specifically facilitate delivery of renewable in Warwickshire • Hydrogen Partnership – to support initiation of hydrogen projects in Warwickshire 	
<p>16. Implement 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>Transport case studies on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/9BBA957F5FEB2E4D802572FD0056C19C</p>	
<p>17. Implement Alternatively Fuelled Vehicle Projects</p> <p>Biodiesel case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/9BBA957F5FEB2E4D802572FD0056C19C/\$file/Biodiesel+Project.pdf</p> <p>Link to a list of green cars. http://www.whatgreencar.com/</p>	
<p>18. Develop and Monitor Business Travel Plans</p> <p>Link to work based travel plans. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/E8A55CA86B64F6DE80256FDC0039CF04</p>	
<p>WCC car share database summary case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/9BBA957F5FEB2E4D802572FD0056C19C/\$file/WCC+Car+Sharing.pdf</p>	
<p>19. Reduce food miles and increase the amount of local food production</p> <p>Link to the Action 21 Community Food Project. http://www.action21.co.uk/community_food_project.html</p>	
<p>20. Develop and Monitor School Travel Plans</p> <p>Link to school travel plans.</p>	

http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/AF9B2349832530D880256FDB00351108	
<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/9BBA957F5FEB2E4D802572FD0056C19C/\$file/Anti+-+Idling+Campaign+2006.pdf</p>	
<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>Resource efficiency case studies on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/B73E7DCC51542EE0802572FD0073F398</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. Implement 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>Adaptation case studies on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/9344681FA6CE381980257304005BB2F9</p> <p>Climate Change Adaptation research report on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/245EAC2B55BC474A80257304005E192D/\$file/Warwickshire+Climate+Change+Adaptation+report.pdf</p>	
<p>29. Implement Sustainable Construction Projects</p>	

<p>Wolseley case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/B73E7DCC51542E0802572FD0073F398/\$file/Wolsely+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>Link to the Sustainable Public Buildings web site. http://www.sustainablepublicbuildings.org.uk/</p>	
<p>30. Monitor 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>31. Integrate Climate Change Issues into all Relevant Strategies, Policies and Plans</p> <p>Link to Sustainable Housing Action Plan http://www.sustainabilitywestmidlands.org.uk/assets/userfiles/shap/planning/000181.pdf</p>	
<p>32. Plan 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>33. Link Delivery of Targets to Business Planning</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>34. Share Best Practice in Sustainable Procurement</p> <p>Link to an article about WCC's sustainable procurement activities. http://www.govopps.co.uk/magazine/previous/0703/sustainingsuccess.pdf</p>	
<p>Communication & Education</p> <p>Communications & Education case studies on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/A2B46DEC87EBF39680257308006D45ED</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>35. Gather 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 full 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>Case study pro-forma's on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/DC897DE8989651</p>	

A1802572E2004B2047	
<p>36. Develop and Implement an Action, Emissions and Reporting System - Partnership 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>37. Implement 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>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/8345CAEA4FB470918025739C0039AD0D</p>	
<p>38. Implement Climate Change Awareness / Training Programmes</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 SIOcampaign on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/208CF3A6E7A5EF70802571E000385C82/\$file/Final+Report+-+Warks.doc</p> <p>Link to the Climate Change Art Challenge on the web site. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/60E78C16C387B939802573A900554FE5</p>	
<p>39. Develop a County-wide 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>40. Implement Invest to Save Schemes</p>	
<p>41. Undertake Gap Analysis / Skills Mapping 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/4DB06B1A7471A6</p>	

4180256E040050517A	
<p>42. Determine Public Opinion of Climate Change and Actions</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>	
<p>43. Identify Climate Change Related 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>44. Identify Business Opportunities in Manufacturing, Specifying Provision and Installation of Low Carbon Technologies</p> <p>Link to the Carbon Trust http://www.carbontrust.co.uk/default.ct</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>Energy Efficiency Accreditation scheme summary case study on the web. http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/95E43C259F2808AD802572FB003D7717/\$file/Working+with+the+National+Energy+Centre+The+Energy+Efficiency+Accreditation+Scheme.pdf</p>	
Strategic	
<p>45. Co-ordinate the Warwickshire Climate Change Partnership</p> <p>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>The 2007 Annual Review can be found at: http://www.warwickshire.gov.uk/Web/corporate/pages.nsf/Links/7E511CDA04990774802572E1004F3F09/\$file/2007+Annual+full+Report.pdf 35 case studies + have been written up.</p>	
<p>46. Coordinate a Local Area Agreement (LAA) Delivery Group for Environment and Climate Change</p> <p>Link to the Warwickshire Local Area Agreement. http://www.warwickshire.gov.uk/laa</p>	
<p>47. Develop Useful Tools and Techniques to Aid Prioritisation of Actions</p>	
<p>48. Instigate the Transition Towns Initiative</p>	