

Delivering the Warwickshire Climate Change StrategySteering Group Meeting

Fri 5th December 2008 9:30 for 10:00 till 13:00
Montague Road Conference Room, Warwick

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

Dr. Jacky Lawrence (WCC)	Brent Davis (NBBC)	Emma Clarke (WCC)	Pat Ryan (KICC)
Stephen Marks (Rugby Borough Council)	Rick Smith (Action 21)	Linda Ridgley, (Warwickshire Rural Community Council)	David Curle (WCC)
Mike Woolacott (GreenWatt – a division of ATI Projects Ltd.)	Chris Begg (Hill Close Gardens)	Joel Cardinal (University of Warwick)	Dr. Mike Colclough (Henley & Beaudesert JPC, Make Henley Greener)
Steve O'Connor (WCC)	Lis Broome (AWM Environmental Technologies Cluster)	Dave Passingham (Stratford Climate Action Network, Sustainable Action Stratford)	Phil Dickin (Warwickshire Wildlife Trust)
Alex Patterson (Stratford College)	Bernard Perkins, WDC Action 21 Energy Group	David Warr (Warwickshire Police Force)	Robert Weeks (SDC)

Present at the beginning only:

Dr. Bob Waters (Coventry University)	David Jullien (Act on Energy – formerly known as WEEAC)	Cllr Gordon Collett (WCC)	
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Apologies

Cllr Martin Heatley (WCC)	Paul Chapman (SDC)	Alan Ottey, (Town Centres Manager, NBBC.)	David Tiley Flood Defence Officer (SDC)	Tony Crompton (Government Office West Midlands)
Roger Jewsbury (WDC)	Dave Lowe (WCC Ecologist)	Clive Hadfield (Clive hadfield Associates)	Angela Dandy	Bob Bullock (Warwickshire Police)



Rebecca Thompson (Coventry City Council)	Nick Hillard (University of Warwick)	Cindy Musgrave (Encraft)	Clive Robinson (University Hospital Coventry & Warwickshire NHS)	Professor Tony Marmont (Beacon Energy)
Ewan Bent (Midland Wood Fuel)	Cllr Simon Jackson (SDC)	Jack Linstead (WCC)	Philip Blackman (Merevale & Blyth Estates)	Steve Morley, (Environment Agency)
Rod Wilkinson (Severn Trent)	Will Grove (Environment Agency)	Verity Clarke (RBC)	Lynne Roscrow (Carbon Trust)	Cllr Matilda May (NWBC)
Derek Greedy (WCC Waste Planner)				

2. Minutes of last meeting

Agreed

No matters Arising.

3. Warwickshire Climate Change Strategy – Communications

- **Progress Reporting**

i. Actions from last meeting

ENERGY

BIOMASS

Bid to AWM: Bernard reported that bid has been put forward by Warwickshire Rural Hub for funding to secure a biomass supply chain has been provisionally accepted dependent on checks. For more information contact Zoe Bell, Project Manager.

Jacky offered to arrange a meeting on behalf of the WCCP with Zoe Bell of Godfrey Payton. To ensure security of wood fuel supply it was agreed to try a develop a 5 year map of on-stream projects in Warwickshire. JL

Kingsbury biomass boiler: Jacky reported that the Kingsbury Water Park biomass boiler has now been installed. There were some initial issues with a leak within the fuel store meaning that the damp wood fuel needed replacing. Jacky will provide an update on further WCC biomass installations for next meeting.



Warwick University Biomass: Joel reported that a request application for a grant has been put forward, if the grant goes ahead the feasibility of the scheme will be investigated looking at issues such as fuel supply, size of depot etc. An answer should be received regarding grant by end of the year/early next year. Currently looking at using wood chip or a mixed source fuel. Joel / Nick to provide an update for next meeting.

JC / NH

Warwickshire Wildlife Trust: Phil reported that the WWT has received a grant from the lottery for a woodchip boiler. They have an agreement with Mercia Energy to take wood from their site to process. WWT has excess wood and is currently looking for a market to sell to. NB Solihull Council has excess wood and is also looking at markets to sell to. Phil to provide an update for next meeting.

PD

Mike offered to pass on a report about waste wood. Emma or Jacky will put this on the Partnership web site.

MW

Nuneaton and Bedworth Borough Council: Brent reported that NBBC are looking at doing a feasibility study with the Carbon Trust on installing a biomass boiler at Bedworth Civic Hall. Their concerns are with security and cost of supply. Brent to provide an update for next meeting.

BD

ANAEROBIC DIGESTION

HRI: Joel reported that HRI are planning to build a pilot anaerobic digestion research plant, as there is a huge drive at present from Defra to put anaerobic digestion plants on farms. Nick / Joel will provide an update for next meeting.

NH / JG

Currently there are difficulties around legislation and feed in tariffs however this will be changing with the climate change bill 2010.

Manufacturers from Germany etc. are now looking to UK markets but should we be importing skills and products or manufacturing our own?

Any comments anyone?

Biogen and Greenfinch have recently combined as one company and are currently looking at Stoneleigh as a project.

There is to be a meeting with AWM, Birmingham University Science City, etc. to discuss how small a viable on-farm AD plant could be. Mike will provide an update for next meeting.

MW



Jacky gave feedback on a meeting between Warwickshire County Council and the NFU. The meeting discussed Warwickshire Climate Change Strategy and how the agricultural sector can respond. Jacky and Dr John Scurlock (climate change policy advisor) of the NFU have developed a draft agriculture, horticulture and land management action plan. NFU would welcome discussion on how to make farms in Warwickshire best practice examples of renewables.

Jacky to feedback to steering group information from Sarah Faulkner (NFU) when available. JL

SWITCH IT OFF CAMPAIGN (SIO) 2008

Universally Challenged: Emma reported on this green quiz which was held on 4th November. It was organized by Warwickshire County Council as a means of engaging secondary schools in the Switch It Off campaign. Warwickshire's secondary schools were invited to submit a team of six year eight students into the quiz. The quiz consisted of six sustainability based rounds looking at waste, bio diversity, energy and travel. Six schools from across the county entered the quiz which was hosted by Kenilworth School. The winning school was Kenilworth School and will go on to face schools from Coventry and Worcestershire in February at Warwick University. Emma and Nick will arrange event and provide an update for next meeting. EC/ NH

2008 Campaign Awards: Jacky reported that the 2007 Switch It Off campaign won the Energy Institute award for communications. Within this category SIO was up against Marks and Spencers Plan A, Islington Always Switch Off Campaign and Trilium (DWP). SIO 2007 was also short listed in the National Energy Efficiency Awards.

Other Switch Off activities: Emma reported that the 2008 campaign has been another success with a few new activities added to the campaign. One such imitative was Dine by Candlelight, which encouraged Warwickshire's residents to switch off and go out for a romantic meal by candle light.

Group suggested looking into the cost savings of switching off for restaurants and getting feedback Jacky / Emma to follow this up. EC / JL

Pat reported back to the group on the support for the campaign by the Senior Citizens Club in Kenilworth. Suggested this sector of the population could be targeted as very interested in this area. Emma to contact Pat and follow up. EC

WCC loan out Owl electricity monitors which gives an instantaneous read-out of consumption. Get in touch with Emma or Jacky if you would like to borrow one. All



RENEWABLES RESOURCE ASSESSMENT

Energy Trails: Emma reported that work is currently underway to design a walk around Kenilworth which take its participant around areas of wind and watermill sights. It is hoped that this will encourage people to think about the potential for renewable energy within the area. The route has been walked once in order to write up the directions and many photographs taken to go with the write up which Emma is completing.

EC

WCC renewables – Enviros spreadsheet tool: Jacky reported that Warwickshire County Council are working with Enviros to put together a boiler prioritization replacement list. This survey also looks at sites suitable for CHP and low carbon technologies. Jacky to provide an update for next meeting.

Heat Mapping Study: Nick has invited the Partnership to visit the University of Warwick to view the CHP and absorption chilling. They have invested £300,000 on a thermal store this year. Jacky, Joel and Nick to arrange a visit to coincide with next year's March steering group meeting. Jacky to send out invitations.

JL / JC / NH

TRANSPORT

Synthetic Fuel: Mike reported that Tony Marmont's objective is to replace fossil fuel with renewables, he is currently looking at jet fuel by processing agricultural waste and converting into bio fuel. This is common in Sweden and Austria.

There is a trend now to move away from liquid fuel to bio methane.

A Government objective is to increase the amount of bio methane as North Sea gas is running out quicker than expected. Tony to be asked to provide an update for next meeting.

JL / TM

Web / IT: Bernard reported about his work looking at replacing physical meetings with web based meetings. Suggested benefits include £250 head and 0.1 tonne CO₂ saving. Bernard is interested in speaking to anyone at WCC who may already be working on this. Emma / Jacky to find out. Jacky reported that she is to have a web-ex meeting in the new year with someone from Zerofootprint in Canada. Jacky to provide an update on this for next meeting.

EC/ JL

Transport Plan: The group requested a discussion around the contents of transport plan and transport asset management plan relating to climate change. Jacky to contact Roger Newham to arrange something to give the group an overview of the strategic approach or prepare a briefing paper.

JL



At the June 2008 meeting, the group discussed the formation of a sub-group to look at and report on the success of various transport initiatives. The interest is still there. Jacky to call a meeting to take forward. JL / MW / BP / TM

RESOURCE EFFICIENCY

See synthetic fuel above under Transport.

ADAPTATION

Jacky reported that the paperwork for NI188 (climate change adaptation) was ready and that discussions with the Districts were being planned for them to develop risk assessment based adaptation action plans. Jacky to provide an update for next meeting. JL

COMMUNICATIONS & EDUCATION

Power Academy: A new college being built in Rugby supported by Converteam. The college will contain a power academy providing training on renewable technologies, it is hoped that this will improve skills and economic development within the area. Jacky to provide an update for next meeting after contacting the people below. JL

Cary Shephard (Project Manager) or Chris Paget (Estates Manager) are the most appropriate contacts at Warwickshire College.

Cary Shephard
Tel: 01926 884204
Mobile: 07920 526458
Fax: 01926 318176
E-mail: cshephard@warkscol.ac.uk

Chris Paget
Tel: 01926 318142
Mobile: 077 935 88630
E-mail: cpaget@warkscol.ac.uk



Environmental Art Exhibition (the causes, consequences and solutions): In July 2008 Warwickshire County Council and the Warwickshire Climate Change Partnership ran an environmental art challenge. Residents and school pupils were invited to take part in the project submitting an A4 two dimensional piece of work in any artistic medium. Over 160 entries were received. Work was displayed in Warwickshire libraries and at Stratford Upon Avon gallery.

Examples of art work can be viewed at
www.warwickshire.gov.uk/environmental_art_challenge/

Phil Dickin's Warwickshire Wildlife Trust suggested they have two centres where work could be displayed. Emma and Phil to arrange. EC / PD

Mike is to use a painting / picture for his corporate Christmas card. MW

Project Appraisal Tool: Jacky has had some comments from partners but the tool is still under development so would welcome more feedback. Jacky to fix dates for individual meetings with Bernard, George Martin, Mike Cindy Musgrave and David Jullien. JL

Potential case studies

All to highlight projects that could be written up as case studies. All

STRATEGIC

Warwickshire climate change strategy review 2008

Not written up yet, but Jacky will complete this before the next meeting. JL

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

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

Warwick University - Joel Cardinal / Nick Hillard – requested an open discussion around conflicting pressures of energy cost, fuel poverty, carbon management. Also how to get financial support from, top level management for invest to save projects.



Jacky suggested that WCC are looking at how to bring in Life Cycle Costing, looking at the capital costs and operating costs of new builds. If this is possible more money can be invested now to save later. A paper has been written by Jonathan Horsfield, see cabinet paper on WCC web pages.

All

[http://www.warwickshire.gov.uk/corporate/committe.nsf/471ece76d69bff9780256a140057d7f8/7e4c65426c9973ab802575140056bcac/\\$FILE/Sustainable%20Asset%20Management.lw.%5B182KB%5D.pdf](http://www.warwickshire.gov.uk/corporate/committe.nsf/471ece76d69bff9780256a140057d7f8/7e4c65426c9973ab802575140056bcac/$FILE/Sustainable%20Asset%20Management.lw.%5B182KB%5D.pdf)

Bernard suggested there is a need for policy change to have an agreement to look at life cycle costing. The Treasury Green book should have info on costings.

All

Joel asked the group for case studies in life cycle costing. All to forward links to Jacky or Emma who will put them on the Partnership web site.

All

EC / JL

To gain support of senior managers in energy issues Warwickshire County Council has formed a corporate Energy Working Group. This consists of four heads of service. One of the things they will be working on is innovative funding mechanisms for energy efficiency. Jacky to provide an update for the next meeting.

JL

To support energy managers in the public sector there is an Energy Manager Group. All Warwickshire Districts are represented on this group. A representative from Coventry wishes to attend future meetings. Coventry City Council are currently working on a number of projects: Heat Ring and a Climate Change Centre in Hill fields.

Warwickshire County Council - Jacky Lawrence requested a discussion on Warwickshire's Local Area Agreement (LAA) Climate Change and Environment Block.

- The county target for reducing CO₂ emissions (National Indicator 186) is 1 tonne per capita by 2010/11 - a huge challenge - the population is expected to be 540,400 by then - so I would like discuss how to deliver this 'One Tonne Challenge' and how we could work together to help achieve it.

Warwickshire also has an LAA target (NI 188) on adapting to climate change and a discussion is requested on that too. Every LAA partner has to have in place a risk assessment based climate change adaptation action plan by 2010/11 in order to meet the target of level 3.



Warwickshire's Local Area Agreement: The government has provided LA's with 195 of national indicators (NI's). LA's then get to pick which to set 35 targets against. Warwickshire Local Area Agreement Partners have picked the following related to climate change:

NI 186 - Per capita CO₂ emissions in the LA area
 NI 188 - Adaptation to climate change
 NI 191 - Residual household waste
 NI 195 - Improved street and environmental cleanliness
 LI 195a - Improved street and environmental cleanliness – litter
 LI 195b – Improved street and environmental cleanliness - detritus
 LI 195c – Improved street and environmental cleanliness – graffiti
 LI 195d – Improved street and environmental cleanliness – fly posting
 NI 197 – Improved local biodiversity – active management of local sites.

NI 186

Suggestions have been put forward to expand and establish a network of environmental champions across the county building on and supporting what is already in place such as Action21. Jacky and Rick to follow this up and put in a bid for the 'Greener Living' Fund. JL / RS

A pledge system may be developed. Phil suggested putting pledge in wildlife trust magazine, JL agreed this would make a good pilot and will follow up. PD / RS / JL

All to send ideas to Jacky on creating a network of environmental champions and across the county and how a pledge system could be made to work. All

NI 188

Jacky has developed the paper work for delivering this. It is based on a risk Assessment process and ends up with preparing a climate change adaptation action plan.

Jacky has talked Alan Franks (Environmental Services Director, NBBC) through the process. Alan will then discuss this with the NBBC environmental group to come up with their action plan. Jacky is to arrange meetings with all other Districts in the new year. JL

Phil Dickin would be interested in looking at this risk based approach for biodiversity. Jacky to arrange a meeting to go through the process. JL / PD

All to contact Jacky if they would like to do this for their organisations too. All



Warwickshire County Council - David Curle - WCC adult services have a number of issues around exhaust emissions on their vehicles. The current delivery of wheelchair accessible vehicles meets Euro 4 standards but would like to know if there are any grants (over and above the normal cost of the vehicle) to trial a transport scheme to resolve the exhaust problem.

Adult Health and Community have a fleet of forty wheel chaired accessible buses across the county. They have the opportunity to order an electric vehicle, which would be the first in the country although it would be 50% more expensive than other vehicles within the fleet. Seeking information from the group on what funding is available. Mike suggested the EST programme and CENEX. David / DC / MW
Mike to provide update for next meeting. Sponsorship was also suggested for community transport – say with Tesco with the company logo on the vehicle.

Jacky offered to find out if WCC's climate change projects fund could be used to help at all. JL

Others are also interested in the procurement of low carbon and electric vehicles. Stephen, Phil, Chris and Linda to arrange a sub-group meeting. CAVA / Age Concern / MIND
PD / CB / LR / SM

Jacky to find out who else is interested (transport managers etc.) and put them in touch with each other – like the energy managers forum. JL

Hill Close Gardens - Chris Begg – wants ideas on how to fund a PV system at Hill Close Gardens. On the education side, they have a little funding to extend what they do towards the curriculum needs of secondary school students – needs advice.

Bernard suggested that Chris contact Cindy Musgrave at Encraft to find out about the Low Carbon Buildings Programme and the Community Sustainable Energy Programme. The Low Carbon Buildings Programme phase two finishes in July.

Phil suggested Land fill tax may be an option as it is a community facility. He also suggested trying the EST, Power Academy and the Learning 7 Skills Council. Warwickshire Wildlife Trust could possibly help. Chris to provide an update for the next meeting. CB



iii. Monthly Events update / Community Newsletter

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

Emma continues with the monthly business biased email with links to news and events. All to send Emma details of climate change related stories and events they wish to promote. EC All

As of 6th December 2008.

- ❖ There are 339 people on the contacts database who get regular (at least monthly) communications including news, events and steering group minutes.
- ❖ These people represent 117 different organisations.
- ❖ 17 of these people are active members of the Steering Group.
- ❖ A separate group of 78 people have signed up to receive the monthly climate change community newsletter (plus all staff in WCC 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.

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

April/June: WEEAC and Stratford College approached. Awaiting response.

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)

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

NEWS RECEIVED FROM

WARWICKSHIRE RURAL COMMUNITY COUNCIL

Ryton on Dunsmore celebrates its wildlife conservation area Steetley Meadows which has a network of permissive paths. A series of walks leaflets and maps is downloadable. www.rytonondunsmore.info

Bidford on Avon installed two solar panel street lights on the footpath between Broom and Bidford.

Priors Marston asks residents to think about the village's carbon footprint and walk rather than take a car, or team up with a neighbour for the school run. It also seeks to facilitate residents linking up to order groceries on-line and cut mileage and delivery charges. www.priorsmarston.com
<http://www.priorsmarston.com/intropage.htm>

Shipston On Stour has an initiative to make the town Plastic Bag-free.

Alcester wants to be a Fair Trade Town, setting up a Steering Group, advertising the project and getting shops, businesses and village institutions to use Fair Trade items to "help make a difference to the lives of farmers round the world".

Curdworth however are ahead of them – claiming last June to be the first Fairtrade Village in Warwickshire
<http://warkcom.net/live/welcome.asp?id=210>

Whichford and Ascott is trying to set up WACSS Whichford and Ascott Car Share Scheme to cut the village's carbon footprint and provide transport for "less mobile residents".
www.whichfordandascott.co.uk



Binton like many villages has no gas supply but they have found a company who will give a discount if villages order collectively and for every 100 litres sold make a 10p donation to the Village Hall.

www.binton.org.uk

Napton a very sociable village, holds an Annual Cycle Race – 2009 will be the 29th anniversary! The “race” covers three counties – Oxfordshire and Northamptonshire as well as Warwickshire. It raises funds for the Church of St Lawrence and Motor Neuron Research. The village also has a famous Pantomime.

Lighthorne Heath “Garden Army” volunteers tidy up the village up and enhance it with flowers.

Harbury www.harbury.warwickshire.sch.uk shows how eco-friendly they are with a willow tunnel, composting, no-dig garden, conservation area, and pond - aided by their “Earthworms” group of volunteers.

<http://www.harbury.warwickshire.sch.uk/pages/viewpage.asp?uniqid=5691>

Flooding

Avon Dassett is gathering information about flooding in the village.

Tysoe has its own flood team working to ensure all drains are kept clear.

Lapworth advertised the £200 grants available to secure homes against future floods.

Long Itchington reports on its progress with the agencies responsible for flood alleviation. They have got approval from the Environment Agency for funding a scheme to realign the Itchen east of Bascote Bridge and raise the flood wall. They persuaded Severn Trent to do a camera mapping exercise uncovering dodgy connections to the sewers. The County has cleared all the drains in the areas flooded and several tons of sand and sandbags are now stored locally for residents to access in an emergency.

www.longitchingtonparishcouncil.org

CLIMATE CHANGE SOLUTIONS

WCC’s Corporate Energy Manager, Bill Johnson, presented a report on WCC activities at the Coventry and Warwickshire conference on 20th October. Following the event AWM invited CCS to organise a joint clusters event on 11 December on the SMART 2020 report on ICT and energy efficiency at Faraday Wharf , 09.00 to 13.00.



WCC TRANSPORT PLANNERS

WCC Transport Planners are currently developing an Electric Pool Car project. They have recently submitted a bid (through Arup Consulting) to central Government to receive funding for 6 electric pool cars (over 3 years). It is proposed to incorporate these vehicles into the existing pool car fleet. Over the 3 years, the vehicles will be trialled and evaluated and their energy consumption / CO₂ savings calculated. It is estimated that the 6 electric vehicles could save over 19 tonnes CO₂ per year if making journeys equivalent to those undertaken by the current diesel pool cars. If trials prove successful we would look to incorporate electric vehicles into the wider WCC fleet.

WCC BRIDGE MAINTENANCE

Comes up against climate change in many of their bridge and culvert replacement jobs where we have to cater for increased flows in the future. These are discussed and agreed with Environment Agency.

HILL CLOSE GARDENS TRUST

Are determined to get a photovoltaic array at Hill Close Gardens to complete their educational offer, dependent of course on funding. Hopefully PV prices will come down & funding get easier, so the date aimed for is 2010.

On the education side, they now have a little funding to extend what they do towards the curriculum needs of secondary school students - so far Hill Close really only does educational work with the younger children.

GREENWATT TECHNOLOGY - A DIVISION OF ATI PROJECTS LTD

A conference has taken place in October 2008 which looked at the upgrading of landfill and A/D biogas to biomethane. Held at Warwick HRI, Wellesbourne, funded by AWM and organised by Greenwatt Technology and the Energy Challenge Club, University of Birmingham it brought together practitioners, suppliers and researchers with an interest in the upgrading of biogas to biomethane primarily for the transportation sector. Over 60 delegates attended with a large presence from local authorities. Many of the speakers stressed that the technology is robust and commercially available with significant opportunities for zero emission public and fleet transport. For further information see the web site

<http://www.industry.bham.ac.uk/events/FinalProgrammeBiogas-BiomethaneOct23.pdf>



STRATFORD CLIMATE ACTION NETWORK

1. Have shown 4 films in the Climate Change Film Festival 2008.
2. Are initiating a Business Environment Network for Stratford through the Stratford Town Management Partnership.
3. Are helping to organise with Stratford Town Management Partnership an the "Environment Tent" at the River Festival in Stratford in July 2009.
4. Are holding a Transition Town day in April 2009.

BEACON ENERGY (Professor Tony Marmont)

The progress with the AFS scheme (atmospheric fuel synthesis) , is gaining ground,. it is the son (or daughter) of the Warwickshire Climate Change Partnership idea of landfill mining to fuel! (which is still very viable). He has already had a one day long meeting with Rolls Royce in Derby and they have confirmed calculations, and another meeting on the 14th January 2009 is scheduled.

Also on the 17th December Professor Marmont is being visited by David Saunders at West Beacon Farm, he is the head of the Dept of Energy and Climate Change (DECC), to discuss this project.

Professor Chris Rudd (Head of Engineering and PVC) Nottingham University, has also requested a meeting. This is now being arranged to discuss their involvement. It is possible to make all of the 140,000 tons of oil per day that the UK uses and not spend any foreign currency on it and be Carbon Neutral doing it. Or indeed to make 200,000 tpd and put the surplus 60ktpd back down the oil wells in the North sea where the CO₂ would be securely locked in. It all depends on how serious we are to reduce CO₂ levels, which in fact have gone up over the last two decades by 20 % !

He would like to put a ten ton per day demonstration plant , producing petrol and Jet A1, at Stoneleigh with air and water going in one end , and fuel coming out the other.

The Warwickshire Climate Change 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>

5. Funding Opportunities

Investigate the Regional Innovation Climate Change Fund.

JL



See the community funding page on the web

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

For information on the Intelligent Energy Europe (IEE) programme contact: Dr. Julia Speht, Manager, EU Connects, Regional Partnership Centre, Albert House, Quay Place, 92-93 Edward Street, Birmingham, B1 2RA. Tel. 0121.245.0180. Mobile. 07824.858.305 Fax. 0121.678.1049

http://www.wmra.gov.uk/Europe/EU_Connects/EU_Connects.aspx

6. Any other business

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

All

Mike reported on how the West Midlands has become the first zero waste area in the country. Mike to send a paper to the group.

MW

7. Date and venue of next meetings

March 09 – University of Warwick - tbc

Friday June 5th 09 – Montague Road Training Room, Warwick - tbc

Friday September 4th 09 – Montague Road Training Room, Warwick - tbc

Friday December 4th 09 – Montague Road Training Room, Warwick - tbc

