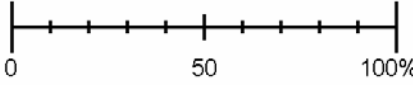
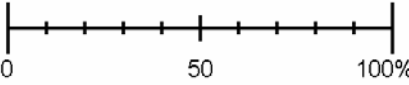
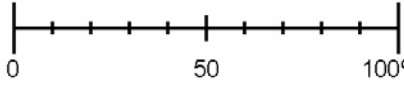
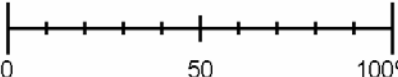
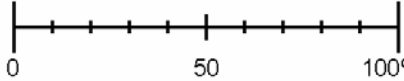


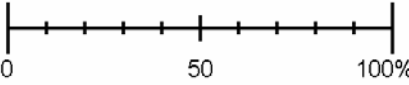
number 7.2	responsible person Andy Bull	progress 
Title Influencing Policy Makers		
description and approach AD is only likely to flourish within a context of strong government support. The intention is to influence central and local government, and other decision-makers, that AD offers excellent opportunities to generate sustainable energy, offset GHG emissions and provide effective waste management solutions.		
steps and deadlines initial contact with officers of all county council's in the region – September 08 offer bespoke or joint seminar to County Councils – September 08 arrange general seminar for Wales – by Spring 09 follow-up on English seminar already held at Cirencester and organise a further event if appropriate – by spring 09 respond to consultation from Welsh Assembly Government on its “Renewable Energy Route Map” – May 08 (done)		
aims / targets at least 3 of the 4 county councils sending segregated food waste to AD new positive policies from local government in the region towards AD		
external dependencies this action is wholly dependent upon the responsiveness of central and local government to approaches from SWEA and possibly others		
Actors Whilst it will be the project manager that will approach the decision-makers, endorsement by others is likely to be critical. The partnership with the University of Glamorgan might see the Wales Centre of Excellence playing a role in the process.		
target group(s) Local authority members Local authority officers (sustainable development, economic development and waste management) Key central government civil servants Welsh Assembly members Members of Parliament		
expenses / resources primarily SWEA staff time (project manager) with some travel expenses involved in arranging and running seminar/s		
obstacles receptiveness of target groups over-coming of fundamental ignorance of the technology		
remark much will depend up the success of the initial contacts. First impressions are of key importance		
review		

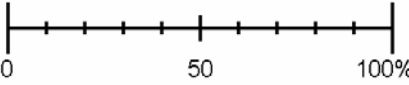
number 7.3	responsible person Andy Bull	progress 
Title Informing Regulators		
description and approach One of the greatest barriers to the development of biogas in the region has been identified as the lack of knowledge/awareness amongst regulators – particularly local government officers and members. This Action addresses this point by seeking to engage with local authority planning and environmental health officers and members in particular.		
steps and deadlines informally approach all planning authorities in the region and offer to provide a seminar – could be the same seminar as 7.2 where planning applications are submitted, support the principle of AD and where appropriate provide impartial advice to planning authority and applicants alike track the progress of planning applications and be prepared to use them as case studies.		
aims / targets The aim must be to better inform regulators in order that applications in respect of AD plant are fairly and accurately assessed. Lack of knowledge is also likely to bring about delay as more and more information is sought – the aim is therefore extended to the bringing about of timely decision-making.		
external dependencies The participation of local authorities in such seminars/training is by no means certain. Local authority planning committees do not always act rationally, particularly in the face of local opposition – having good information does not automatically lead to good decision-making.		
actors Project manager primarily.		
target group(s) Local authority planning officers (development control) and planning committees Local authority environmental health officers Environment Agency officers		
expenses / resources primarily project manager time plus travelling expenses. Expenses associated with the staging of a seminar/workshop		
obstacles as per “external dependencies		
remark the project manager is a qualified and chartered town planner – this should help with this task		
review		

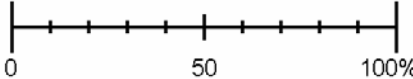
number 7.4	responsible person Andy Bull	progress 
Title Raising Awareness Amongst Potential Developers		
description and approach potential developers are likely to fall into one of four broad categories:- farmers/landowners food processors with a waste in need of disposal existing waste management operators producers of large quantities of food waste (eg hospitals) The intention is to use existing networks to raise the awareness of the (realistic) potential of AD amongst these target groups.		
steps and deadlines organise and publicise a last one more seminar – Spring 09 (one held in Gloucestershire already) seek out opportunities to speak at other events – on-going follow up on leads from others – on-going organise study tour/s – before autumn 09 network at events and speak directly to farming unions etc – on-going		
aims / targets bring biogas technology to the attention of a wider audience of potential developers identify candidates for quick check and opportunity studies ensure that realistic information is disseminated so that non-viable projects are quickly abandoned		
external dependencies receptiveness of various audiences – but this fear has been largely put aside already – much interest is already very apparent		
actors project manager Advisory group Farming unions, CLA and young farmers clubs National Health Service Carbon Trust		
target group(s) farmers/landowners food processors with a waste in need of disposal existing waste management operators producers of large quantities of food waste (eg hospitals)		
expenses / resources project manager time, expenses involved in running seminars and study tour/s		
obstacles the major obstacle is that of getting busy people away from their core activities to talk about innovation		
remark need to be vigilant and opportunistic in approach		
review		

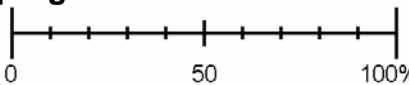
number 7.5	responsible person Andy Bull	progress 
Title Providing Study Tour Opportunity/ies		
description and approach provision of study tour or tours		
steps and deadlines main study tour (to Germany?) by autumn 09 other study opportunities to UK possibly arranged on an opportunistic basis		
aims / targets familiarise participants with good practice examples build confidence in the technology allow regulators to experience working plant		
external dependencies Requires the participation of plant owners and operators – shouldn't be a problem Requires enough participants prepared to pay in terms of staff time and (subsidised) expenses		
actors project manager and other SWEA staff plant operators Biogas Regions experienced partners		
target group(s) potential developers regulators key decision-makers		
expenses / resources project manager time other SWEA staff time travel, accommodation and subsistence expenses time from experienced partners time from plant owners/operators		
obstacles the major obstacle is that of getting busy people away from their core activities		
remark significant interest already expressed by Wales Young Farmers Club for a study tour to Germany in Spring 09		
review		

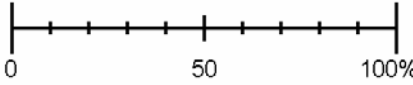
number 7.6	responsible person Andy Bull	progress 
Title Providing Best Practice Case Studies		
description and approach with experienced partner, LEV, having compiled an electronic brochure of EU-wide “shining examples”, SWEA will choose 4 or 5 to demonstrate best practice across the current range. These will include best practice in the UK. A brochure will be published and widely distributed.		
steps and deadlines LEV to finalise project-wide shining examples by autumn 08 UK brochure to be put together asap following completion of above Printing and distribution late 08 or early 09.		
aims / targets produce a printed and electronic reference document that is specifically designed for use in the UK context that will guide interested parties in the basics of AD technology and give valuable and relevant case studies		
external dependencies requires the cooperation of plant owners and operators dependent upon LEV experienced partners		
actors LEV Project manager Other SWEA staff (especially ICT and design expertise)		
target group(s) all groups with any interest in biogas but particularly those with only limited knowledge of the subject		
expenses / resources project manager time other SWEA staff time costs associated with printing, publishing and distribution of the brochure		
obstacles UK plant operators finding the time to complete the case study information		
remark Requests for information from UK plant operators due back very shortly – but not yet delivered in all cases!		
review		

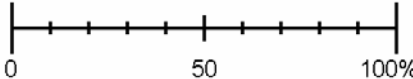
number 7.7	responsible person Andy Bull	progress 
Title Disseminating Up-to-date Information		
description and approach Keeping abreast of developments relating to biogas and energy policy is a vital first step Providing information to a variety of parties is a very useful part of the service that will assist with the development of AD industry.		
steps and deadlines provide information, largely verbally, on an individual and bespoke basis publish newsletters – minimum twice yearly. Second newsletter – July 08.		
aims / targets publish at least 6 newsletters over the life of the project		
external dependencies none		
actors project manager Advisory Group and others to provide information and/or pointers to the sources of information		
target group(s) all parties with any potential interest in biogas in the region		
expenses / resources largely project manager time		
obstacles keeping abreast of developments is difficult as changes are happening quickly		
remark none		
review		

number 7.8	responsible person Andy Bull	progress 
Title Assisting Potential Developers to Assess Project Viability		
description and approach It is important that time is spent wisely and the early weeding out of proposals that are simply unviable will save time and expense. It will also seek to ensure that the technology is deployed wisely.		
steps and deadlines distribute for self-use, the biogas “quick-check” tool as appropriate undertake at least 5 opportunity studies by November 09 take at least 2 potential projects through to full feasibility by summer 2010		
aims / targets weed out non-viable projects or modify projects in order to render them viable encourage the exploration of possibilities		
external dependencies identifying individuals and companies that may have potential and interest is clearly vital. This will require good intelligence that will come through networking – ie information from third parties.		
actors project manager and later, contracted experts (possibly experienced partners)		
target group(s) farmers/landowners food processors with a waste in need of disposal existing waste management operators producers of large quantities of food waste (eg hospitals)		
expenses / resources project manager time with some travel expenses later – consultancy costs		
obstacles the greatest obstacle is identifying the potential developers		
remark one or two potential developers already identified. Awaiting tools from experienced partner in order to proceed (far)		
review		

number 7.9	responsible person Andy Bull	progress 
Title Providing Practical Assistance in Improving the Quality of Potential Schemes		
description and approach It is a key priority for the Regional Strategy for the schemes developed in the region to be of a high quality. Early involvement with schemes should provide the potential for their improvement, particularly via the involvement of third parties and the actions taken under Action 7.10.		
steps and deadlines work with all potential project developers to identify ways in which projects could be improved – with particular reference to the priorities of the Regional Strategy.		
aims / targets The aim is to increase the benefits arising out projects and provide excellent models for others to follow		
external dependencies Requires potential developers and others (eg Welsh Assembly Government and South West RDA) to play a full part in the process.		
actors project manager developers and their agents Environment Agency Development Agencies (SWRDA and WAG) University of Glamorgan		
target group(s) all project developers		
expenses / resources project manager time and travel public sector body officer time and possibly financial assistance (Wales) University of Glamorgan staff time and travel (AD Centre of Excellence funded?)		
obstacles there are almost certainly going to be financial, technical and/or institutional barriers to overcome in seeking improvements		
remark worthwhile trying but may not prove very fruitful?		
review		

number 7.10	responsible person Andy Bull	progress 
Title Providing Assistance in Partner Searches, for instance, in Terms of Heat Users or Feedstock Providers		
description and approach Some potential developers might need assistance to find partners because their own resources are insufficient to render a scheme viable – others schemes might benefit from partnership working. SWEA may be reasonably well placed to search out partners for the developers of potential biogas plants.		
steps and deadlines Continue to build relationship with potential developers, landowners, waste producers, existing developers, heat users etc Introduce potential partners as appropriate Produce “Promising Partnership Framework” (by autumn 2009) that provides guidance on partnership possibilities and best practice.		
aims / targets This action is designed to maximise the benefits arising out of the development of the biogas industry as per the Regional Strategy. The target is to facilitate at least 3 partnerships that have the potential to increase biogas yields or the efficiency of use of the biogas. Complete and publish the “Promising Partnership Framework”.		
external dependencies This action is clearly almost entirely reliant upon the willingness of third parties to cooperate with each other.		
actors project manager with assistance and active participation from a range of others depending upon circumstances:- eg Environment Agency, Development Agencies (SWRDA and WAG), University of Glamorgan, Farming Unions.		
target group(s) potential and existing developers		
expenses / resources project manager time and possibly travel costs involved in publishing the Promising Partnership Framework		
obstacles It is notoriously difficult to build partnerships		
remark this is potentially an area where Biogas Regions can make an important difference		
review		

number 7.11	responsible person Andy Bull	progress 
Title Providing Advice to Potential Developers about the Town and Country Planning System		
description and approach Utilising the skills and qualifications of the project management provide advice and support to potential developers and their agents on the form and content of their planning applications, and on their responses to questions and actions of the local planning authority.		
steps and deadlines Offer the service to potential developers and follow applications through the town and country planning system – and to appeal if necessary and appropriate		
aims / targets increasing the success rate of planning applications and their speed of determination		
external dependencies no-one will be forced to seek or accept advice		
actors project manager		
target group(s) potential developers and their agents		
expenses / resources project manager time and travel		
obstacles none of note		
remark will need to exercise caution in terms of project support – must not be seen to be supporting poor proposals need to ensure that applicants understand that this is advice only – the Project Manager will not take on the role of agent.		
review		

number 7.12	responsible person Andy Bull	progress 
Title Providing Assistance with Technology Availability and the Potential Suppliers of Equipment and Expertise		
description and approach It would be valuable for the development of biogas in the region if there was available a directory of biogas technology and equipment providers as well as designers and consultants. The opportunity also exists for supplier and investor match-making arrangements facilitated by SWEA and the experienced partners.		
steps and deadlines complete developer/supplier directory by Spring 09 match-making meeting could happen at any time but by summer 2010 at the latest		
aims / targets assist potential developers to find good technological solutions at competitive prices		
external dependencies the directory work be much more comprehensive and of better quality with input from others the match-making clearly requires potential and interested investors in this region and potential suppliers from the regions of the experienced partners		
actors project manager with assistance from others – University of Glamorgan in particular?		
target group(s) potential investors		
expenses / resources project manager time and costs involved in developing the directory. Potentially some travel and subsistence costs.		
obstacles finding the necessary information and ensuring that it is comprehensive and up-to-date		
remark need to ensure fairness and openness in directory and match-making.		
review		