

AIEA/SEI Workshop

Friday, 4th September 2009

Dublin City Civic Offices (Wood Quay)



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Kildare County Council**

**‘Management of Energy Costs.... A practical
Local Authority Perspective’**

1. Sectoral Commitment

City & County Managers Association (CCMA)
Environment Sub-Committee

(i) ‘Local Authority Climate Change and Energy Efficiency
Measures: Best Practice and Current Initiatives’

...purpose is to document the positives achieved so far by local
authorities

...confirm that local authorities taking the lead on many levels

- promoting best practice in sustainable building design
- developing local awareness campaigns
- enabling community projects
- using innovative renewable technology
- hundreds of examples of where LAs proactive on climate
change/energy efficiency agenda
- offers guidance to practitioners and managers



(ii) A template for measuring energy use across a number of headings, designed to use information from the financial system (agresso/oracle) to establish baseline data and then to measure the carbon footprint of local authorities (project lead by Dublin City Council)

e.g.

- heat energy
- electricity usage
- fleet emissions
- hired machinery
- public lighting
- staff travel



2. Commitment of Senior Management Team

- ... needs to feature on agenda of Senior Management Team on an ongoing basis
- ... requires the sponsorship of a Director of Services
- ... establishment of Energy Management Team to:
 - highlight awareness of energy issues within the local authority
 - pursue financial savings through the deployment of more sustainable practices
 - pursue a number of focused initiatives
 - establish collaborative arrangements with the local industrial sector
- ... Also involve Strategic Policy Committee (SPC)



3. The Energy Management Team

- Should be broadly based and largely representative of each department (comprising both administrative and technical)
- Meet on a two monthly basis
- Undergo energy – map training
- Team Leader, Convenor (secretary) to be designated
- Director of Services to attend from time to time and keep Senior Management Team/Co Manager appraised
- Prepare a programme plan

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- establish a Register of Opportunities
 - .. local authority housing/warm home schemes
 - .. possible power generation at former landfill site
 - .. use of alternative fuels at WWTP/possible generation of electricity
 - .. the inclusion of energy efficient clauses into future contracts
 - .. optimisation of CHP (Combined Heat and Power) usage in boiler systems at WWTPs
 - .. energy re-tendering
 - .. geo-thermal energy
 - .. bio-fuels in Council fleets



Specific examples of successes to date

Capital Projects – Energy Efficiency Design
Review (Osberstown and Leixlip Treatment Plants)

Re tendering for electricity supply –
(20% savings likely to be achieved)



Challenges

- Many examples of ‘action’ but few enough of where energy/carbon/financial reductions have been recorded on a consistent basis
- Aim should be to move to a more structural approach
- Commitment required at all levels of governance
- Collaboration at local level; local authorities, local energy agencies, SEI, third level institutes, business/industry etc.