



SOUTH AFRICA – DENMARK URBAN ENVIRONMENTAL MANAGEMENT PROGRAMME (UEMP)

WORKSHOP: Energy + Climate Change linked to COP 15 R 15 mil x 4 Metro Projects/Focus Areas



Summary Notes

Date: 15 May 2008

Venue: Spier, Stellenbosch

Introduction

Following the allocation of 4 x R15 mil for Energy Efficiency and Climate Change for the focus year initiative which was announced 16 April 2008 for the 4 metro partners (Cape Town, Johannesburg, Ekurhuleni and eThekweni), a workshop was held at Spier Conference Centre, 15 May 2008. At the workshop the 4 Metros presented project proposals for this grant.

There were 29 participants at the workshop which included the Danish Embassy, UEMP secretariat, UEMP Advisors, Experts and Metro programme managers and was facilitated by Mr Saliem Fakir.

The **focus** of the workshop was:

1. To discuss proposals in light of their impact on the ground (implementation/roll out of flagship projects), their links to current planned Energy/Climate change initiatives in the Metros and their links to COP 15.
2. To identify a time plan for activities in the focus year (2008-09) and the pathway towards COP15.
3. To streamline the selection of the projects and to share the proposals which will later be incorporated into the business plans of the 4 metros.
4. Not aimed at taking any decisions but a preparatory process where final approvals for projects will be made at the PSC on the 4 June 2008.
5. To briefly address the possibility of the research components of the programme.

The workshop was preceded by presentations by two experts:

- Mark Borchers of Sustainable Energy Africa (SEA) presented a talk on what the major cities have done regarding the energy issue.
- David Nicol of CEF Sustainability shared experiences on the mass-scale roll out of energy efficiency and renewable energy projects in the Nelson Mandela Bay Metro. Both experts indicated that the quick wins are solar water heating and energy efficiency in terms of energy impacts, equity issues and financial feasibility.

Projects

A list of the projects submitted by each metro is attached for reference.

From the presentation of projects the following flagship initiatives [4 + 2] for the theme year of energy have been identified:

- 1 Solar Water Heaters roll out [Ekh + Cpt + Ethe + Jhb]
 - 2 Building Energy Efficiency [Ekh + Cpt]
 - 3 Climate Proofing in Communities [Ekh + Cpt + Jhb]
 - 4 Energy Office Institutional Arrangements [Eht + Ekh]
- +
- 1 Street lighting [Eth]
 - 2 Transport [Jhb]

The latter 2 initiatives:

LED street lights by ETH and energy efficiency and transport initiatives by JHB Metro which includes a vehicles emission reduction programme, were thought to be useful and will be of great benefit for the other municipalities once they have been implemented.

Key points

General comments include:

1. Budget allocations must be further clarified, including the indication of what is allocated for on the ground implementation and what is allocated for management. It was proposed that this could be split in projects, i.e. 20% project management/documentation part + 80% implementation/roll out
2. There should be a focus on roll-out rather than pilots.
3. Projects should be refined to provide visibility and impact.
4. The issue of future sustainability after the once off R15M grant has been exhausted must be addressed.
5. The projects must be viewed as being part of a larger programme rather than independent initiatives.
6. Budgets in the Business plans should indicate the contributions from the Metro.
7. Each metro should include approx R 300 000 built in for project interaction and study tours.

Specific comments made on the proposals included:

Cape Town proposals

- There could be a larger focus on the practical implementation of projects of the areas listed
- This should be unraveled and be made more detail specific.

Ekurhuleni proposals:

- There needs to be more emphasis on the 20-80 rule in terms of consultants and also ensure that monitoring is accompanied by actual interventions/investment.
- Provision for the establishment of the institutional development of the Energy Office also needs to be highlighted.
- In terms of the SWH projects, this needs to be designed with sustainability issues in mind and roll out beyond this funding.

eThekweni proposals:

- Some of the small budget lines could be up-scaled or form part of larger projects.
- It is proposed that the Food security initiative be removed from this budget proposal and be forwarded for funding through the DANIDA research initiative.

Joburg proposals:

- Since the workshop, Jhb has revised the transport projects and the other projects were upscaled, which are supported.

Research

A Budget of R 13 mil is available for the Research component of the UEMP. The research areas identified should be seen as strategic and not only of relevance to municipalities, but also national and provincial governments.

The following **FIVE** research areas, related to the focus year theme, were identified:

1. Climate proofing of urban communities (Climate Risk mapping, technologies required, future scenario planning);
2. Renewable Energy (Wind energy and in particular wind-mapping and Solar Water Heaters)
3. Air pollution;
4. Energy efficiency (Testing of smart meters, gel)
5. Perhaps a review of gel-fuels and their wider utility

Terms of references will be developed and circulated.

Way forward

- The programme for 2008/2009 focus year was reviewed and generally agreed. Comments and additions of concurrent activities to be submitted to the UEMP Secretariat by the **29th May 2008**.
- Final business plans of the R 15 mil x 4 must be submitted **by 29th May 2008** to UEMP secretariat, for final approval at PSC meeting on the 4th of June 2008.
- Business plans for the normal R 3-4 mil allocations must be in by Friday the **16th May 2008**.
- A balanced score card model was distributed and will be developed this year for each project with performance indicators including an internal assessment and an external assessment. This will be included in the journalistic write up of the various completed UEMP projects to be conducted.
- Possible themes for the 2009/2010 budget year will be discussed at the Sept 2008 Review workshop.

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ANNEXURE 1:**List of projects submitted by the 4 metros for the R 15 mil x 4**