



POST LEARNING EVENT REPORTING TEMPLATE

As part of eThekweni Municipality's commitment to strengthen our organisation's culture of learning and sharing, this form presents information on a recent out of town trip, visit, learning exchange undertaken by an official from the municipality. This information will be posted on the MILE website (www.mile.org.za) in the interest of advancing our **KNOWLEDGE MANAGEMENT** agenda. Thank you for taking the time to complete the form.

1. What was the NAME OF THE EVENT?

Future Megacities in Action

2. The DATE attended:

14/05/2013 to 16/05/2013

3. VENUE

(further details on venue)

Hamburg, Germany

4. OFFICIALS WHO ATTENDED?

Deputy Head: Environmental Planning and Climate Protection

5. What area of expertise did the event cover?

- | | | | | | |
|------------------------------------|--------------------------|---------------------------------------|--------------------------|----------------------------|--------------------------|
| Culture, heritage and sport | <input type="checkbox"/> | Engineering and the built environment | <input type="checkbox"/> | IT and Finance | <input type="checkbox"/> |
| Economic development and Tourism | <input type="checkbox"/> | Health and Safety | <input type="checkbox"/> | City strategy and planning | <input type="checkbox"/> |
| Energy and the natural environment | x | Good governance | <input type="checkbox"/> | | |

Other: **Climate Change**

6. What was the PURPOSE OF THE EVENT, THE BROAD OBJECTIVES, AND THEMES? Why was it of importance?

DH: EPCPD has been a member of the International Expert Panel for the German Government's (Federal Ministry of Education and Research) Future Megacities programme (looking at issues of climate change and energy) since 2005. This programme is now drawing to a close and the final meeting of the expert panel was held Hamburg, Germany 14-16th May, 2013 at which the final report back of the projects occurred. This offered the opportunity to evaluate the effectiveness of this long-term investment in climate change and energy efficiency research and action in a range of emerging mega-cities around the world.

7. What in your opinion are some of the KEY LEARNINGS that you came away with? In other words, what stood out for you? Were there any "aha!" learning moments that you can share with colleagues? What were some of the KEY OBSERVATIONS that were important or different?

Key lessons to emerge from the various inputs and case studies included:

1) We need to move to productive cities. Cities must become the sources of what they consume. We need to create city regions that have ecosystem functions - net productive eco-districts. Over the last 20 years we have moved from property optimization (standardized building standards) to locational optimization (customized special purpose location (e.g. redeveloped waterfronts) to urban system optimization (event and user responsive city). The most competed for resource now is not gold it is a prime urban location. At the city level we need a whole "business system" to support this level of transformative change.

2) We need to use positive local externalities to drive change in other levels of government (polycentricity). Local actors should not rely on a single global climate solution - they have to find their own solutions.

3) The framing of the climate question is a core element of achieving institutional stability. Framing the climate solution in local socio-economic context is vital. Institutional change, however, depends on talking and discourse that paves for transformation by building mental models that facilitate change. Charismatic people are needed to lead the conversation.

8. As a result of this event, what is the ONE CHANGE that you may consider making backing back at work, if any? What follow ups are envisaged?

The expert team advising the German Government will be convened to prepare a final set of recommendations from the overall project. DH-EPCPD will be exploring the concept of "Resilient Zones" and its potential application in Durban with Jeb Brugmann (international urban environmental specialist). Have put Derek Morgan of the Energy Office in touch with Thomas Haasz of the University of Stuttgart around the issue of green energy systems.

9. Please indicate details of useful CONTACTS AND NETWORKS that were established during the event?

As above

10. One of the key functions of our MILE website is to serve as a repository of LEARNING DOCUMENTATION, VIDEOS, PHOTOGRAPHS AND OTHER RESOURCE MATERIAL. Please can send such material to mile@durban.gov.za so that it can be uploaded onto our website.

THANK YOU FOR HELPING TO BUILD A LEARNING ORGANISATION