



## 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](http://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?

Traffic management Centres and Intermodal transfer station Study Tour

### 2. The DATE attended:

7/10/2014 to 10/10/2014

### 3. VENUE

(further details on venue)

Madrid, Spain

### 4. OFFICIALS WHO ATTENDED?

Thami Manyathi, Carlos Esteves, Andrew Aucamp

**5. What area of expertise did the event cover?**

- |                                    |                          |                                       |                          |                            |                          |
|------------------------------------|--------------------------|---------------------------------------|--------------------------|----------------------------|--------------------------|
| Culture, heritage and sport        | <input type="checkbox"/> | Engineering and the built environment | x                        | 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 |                          | Good governance                       | <input type="checkbox"/> |                            |                          |
- Other:

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

The ETA is currently rolling out the Integrated Rapid Public Transport Network (IRPTN). The IRPTN will include intermodal transfer facilities, depots and a Traffic Management Centre. Madrid has over the past 10 years designed and built some world class transport facilities. The purpose of the trip was therefore to view these facilities and interact with the transport planners, operators and architects involved in these transport facilities.

**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?**

EMT Depot: an example of a state of the art depot for hydrogen gas buses. The depot has been designed to reduce people and bus movements. The maintenance equipment has been exceptionally well designed and located to ensure safe and efficient operations. Extensive recycling of waste (water, oil etc) is also done. The key learning from this is was that the new depots for the IRPTN need to be well designed around efficiency, safety and environmental considerations.

Madrid Municipality Mobility TMC: excellent integration of urban traffic control, enforcement, and freeway management for Madrid. The systems are well maintained and effective in keeping the city moving, and dealing efficiently with incidents. The software / graphics is very user-friendly and visually appealing. The CCTV feeds are integrated into each system.

Calle 30 control centre (main freeway with extensive tunnels). Good example of how freeway and tunnel safety has been dealt with. The control centre itself was well designed and attractive, with extensive use of glass to reduce the impact of being in a windowless, underground environment.

Intermodal station: very interesting design of a multi-story bus and metro inter-modal facility, based on the concept of "passenger islands." passengers don't have to cross any bus movement paths, and the bus operations are screened off with glass and doors, creating a pleasant, safe environment free from noise and fumes. We also saw all the escape routes and emergency exits.

Madrid Transport Consortium Control centre: World class control centre which integrates all the systems from the bus operations, freeway and tunnel operations, metro operations and urban traffic control. This control centre can therefore deal with significant incidents that impact multiple modes. The centre can view every single transport related camera in the city (including cameras on vehicles).

**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?**

We will be upgrading and re-arranging our existing Traffic management centre, and reviewing our software. The new Public transport management systems we will be procuring and housing in the TMC will be along the lines of the excellent examples we saw in Madrid.

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

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**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**