



# EMIT

## Course Outline

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### SUMMARY

The EMIT introductory training course is aimed primarily at local authorities involved in the review and assessment process. In brief, EMIT is an EMISSIONS Inventory Tool, which can be used to store, manipulate and assess emissions data from a variety of sources. EMIT may be used to investigate the impact on emissions of various emissions reduction strategies; key amongst these are likely to be implementation of traffic management schemes such as low emission zones (LEZ). The course therefore has a strong emphasis on emissions from vehicles.

Courses are run at CERC's offices in Cambridge from 9:30 am to 4:30 pm.

A buffet lunch will be provided by CERC.

### **Day One**

The first day gives an introduction to what an EMIT database looks like - the structure of the database and how to create a new database, the key source parameters used and where they are stored, discussion of route types and use of the EMIT Mapper to visualise the data.

*Introduction to Emissions Management Toolkit (EMIT)*

*Adding Sources to a New EMIT Database*

*Discussion of Route Types*

*Sharing Groups and Copying Sources in EMIT*

*Discussion of Current Road Traffic Emission Factor Datasets (EURO Scaled 03 v EURO Base 03)*

*Setting up a Small Scale Low Emission Zone*

*Viewing and Manipulating data using the EMIT Mapper*

### **Day Two**

The second day extends the ideas introduced on day 1, illustrating methods of importing and exporting data, and application of EMIT for a traffic management scheme. Further applications of EMIT are discussed.

*The EMIT Import Wizard*

*Output from EMIT*

*Traffic management worked example – current and future years*

*Traffic management worked example – speed and vehicle type restrictions*

*Introduction to the EMIT-ArcView link*

*Discussion of other applications of EMIT*

Throughout the day tasks will be illustrated via a combination of demonstrations and worked examples.

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# CERC

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