



EMIT Training Course

COURSE OVERVIEW

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 EMIT training course is aimed at anyone wanting to build an emissions inventory, as well as an organisation being involved in review and assessment processes. No prior knowledge is assumed.

COURSE OUTLINE

Two-day course - 09:30 to 16:30 each day

Day One

- *Introduction to EMIT*
- *Structure of an EMIT Database*
- *Representing different source types in EMIT*
- *Creating an EMIT database*
- *Adding sources to an EMIT database*
- *Calculating emissions*
- *Exporting source and emissions data from EMIT*
- *Visualising exported source data in ArcMap*

Day Two

- *Representing road sources in EMIT*
- *Emission factor datasets and 'route types'*
- *Using EMIT for source apportionment*
- *Using EMIT for traffic management*
 - *emissions - current and future years*
 - *restrictions on speed and vehicle type*
- *Further work on exporting data*
 - *combining source data from multiple sources*
 - *exporting to a 3D grid source*
- *Discussion of other applications of EMIT*

On completion of the course you will know what an EMIT database looks like. Specifically, you will know the structure of a database and how to create a new database. You will know the key source parameters used and where they are stored. You will know how to import data to EMIT, calculate emissions and export data from EMIT. Methods of calculating emissions from roads are discussed. The use of EMIT for source apportionment studies and for investigating traffic management schemes is illustrated.

You will be able to display an EMIT database graphically.

Courses can be delivered online or in person. The course runs for two days. If you complete the course online, you will have access to the online platform for a third day, giving you an extra day for course consolidation.

The online course is delivered through a combination of audio presentations, hands-on worked examples and live communication with a CERC expert instructor.



INSTRUCTORS

The CERC instructors are full-time consultants with extensive experience in their area of training. Their experience with projects transfers into a practical and effective learning opportunity.

COURSE MATERIAL

If you attend the course in person, you will be given a handbook containing the course material. Online attendees will be able to download the handbook.

A course certificate can also be provided.

SOFTWARE

You do not need to purchase EMIT before completing the course; a demonstration copy of the software can be provided on request

Online attendees will be provided with a copy of the EMIT software with a one-month licence, via an email link.

DISCOUNT

10% Discount

*on scheduled CERC training courses,
when purchased with a software
annual licence or support renewal*

ENQUIRIES AND REGISTRATION

For more information, or to enrol onto a course, contact CERC by emailing: training@cerc.co.uk