



EMIT Training Course

COURSE OVERVIEW

EMIT is an **E**missions **I**nventory **T**ool which can be used to store, manipulate and assess emissions data from a full range of sources of air pollution. EMIT can be used to investigate the impact on emissions of various emissions reduction strategies; key amongst these are likely to be the implementation of traffic management schemes such as low emission zones (LEZ).

The EMIT training course is aimed at anyone seeking to build or manage an emissions inventory, and anyone wishing to investigate emissions scenarios, for example those involved in air quality review and assessment processes. No prior knowledge is assumed.

COURSE OUTLINE

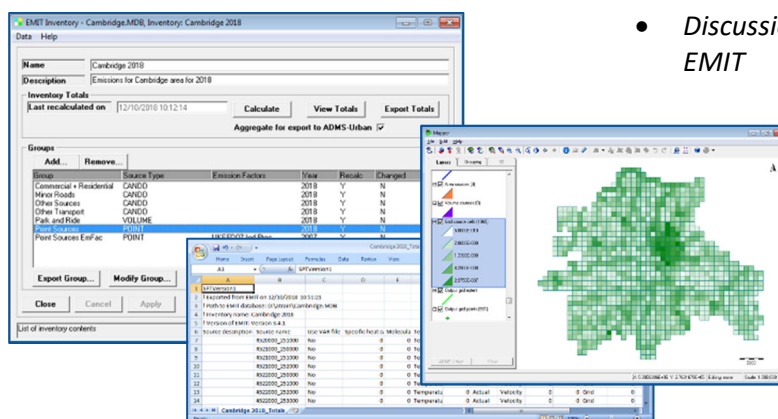
Two-day course - 09:30 to 16:30 each day

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*

Day Two

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



On completion of the course you will know

- the structure of an EMIT database and how to create a new database
- the key source and emission parameters stored in an EMIT database, and where they are stored
- how to import data to EMIT, calculate emissions and export data from EMIT
- how to display data from an EMIT database graphically
- how to use EMIT for a range of applications, including source apportionment studies and the investigation of traffic management schemes.

COURSE LOCATION

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

If you complete the course online, you will have access to the online platform for one day after the course has ended, to enable you to consolidate your learning.

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

It is not necessary to purchase EMIT before completing the course; a free demonstration copy of the software with a one-month licence can be provided.

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, please email **training@cerc.co.uk**.