



Reducing the Energy Usage

LEC STAGE 2 TRAINING COURSE SPECIFICATION



Purpose

Raising awareness and changing behaviour can improve energy efficiency, help lower carbon emissions and reduce costs.



Aim

Learner will be presented with the minimum knowledge needed to understand his/her own accountability in changing energy consumption behaviour.

At the end of the course, the learner must know:

- The driver/s for organisations to reduce carbon emissions
- The relationship between the working environment and energy consumption
- How changes in behaviour can reduce energy consumption in the working environment
- The possible obstacles to reducing energy consumption in the working environment and how these can be overcome



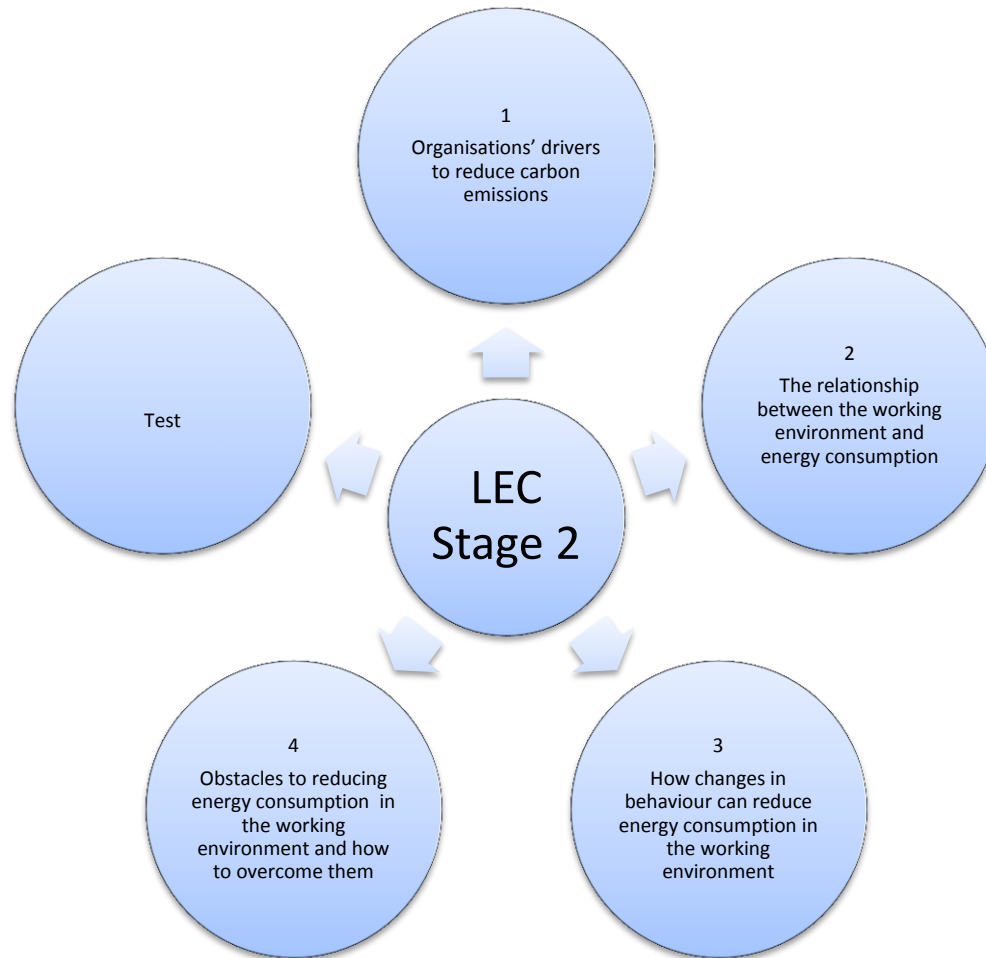
Guidance

- Training providers should ensure that course content remains high-level. The Training provider should contextualise information so that the candidate can begin to address his/her own energy consumption.
- Stage 2 is intended for the candidate who is just beginning to positively interact with the energy environment.
- Where possible links and references to other sources should be provided, so that a willing candidate is able to study topics in greater detail.



Course Structure

4 Areas of Focus + Test



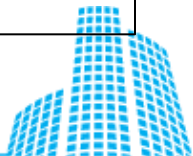
Area No.1: Organisations' drivers to reduce carbon emissions

The Learner will:

1. Examine the driver(s) for organisations to reduce carbon emissions

The Learner must know:

- The driver(s) which motivate an organisation to reduce carbon emissions



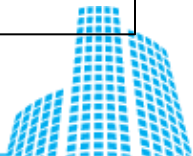
Area No. 2: The relationship between the working environment and energy consumption

The Learner will:

2. Examine the relationship between the working environment and energy consumption

The learner must know:

- The typical inefficiencies in working environments
- How do these inefficiencies relate to energy consumption
- The relationship between energy usage and patterns of energy consumption



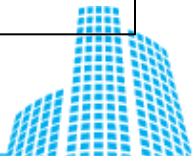
Area No. 3: How changes in behaviour can reduce energy consumption in the working environment

The Learner will:

3. Examine how changes in behaviour can reduce energy consumption in the working environment

The Learner must know:

- What action can be taken to reduce energy consumption
- The level of accountability each individual has in relation to affecting behaviour change in the working environment
- How group behaviour can impact on energy consumption in the workplace
- The consequences of not changing behaviour to reduce energy consumption
- Who the decision makers are in the organisation to address the issues of carbon emissions and energy consumption



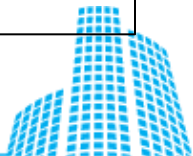
Area No. 4: Obstacles to reducing energy consumption in the working environment and how to overcome them

The Learner will:

4. Compile the possible obstacles to reducing energy consumption in the working environment and how these can be overcome

The Learner must know:

- What obstacles may exist to reduce energy consumption in the working environment
- What action can be taken to overcome obstacles to reduce energy consumption
- What processes are and could be in place to overcome obstacles to reduce energy consumption
- How investments in reducing energy consumption can be justified



Test

- In order to retain a knowledge, learner must complete a test after each area of focus, or at the end of the course. Course providers should keep this in mind when producing their Stage 2 programme.
- Only a successful completion of the test(s) will allow candidate's registration on the Low Energy Company (LEC) database of trained candidates.



Course Format and Length

As guidance it is envisaged that any LEC Stage 2 course will be either an e-learning course or a taught course, or a combination of both. It is suggested that the course is produced as 2 - 4 hours long programme.



For more information please contact
jana.skodlova@theema.org.uk

