



Module 1: Sustainable development and construction

Why study this module?

Developing sustainability is one of the most important issues facing the world at present. This module will explore the history of sustainable development, sustainable construction, context and principles, and the management of sustainable construction projects. This module will help participants to develop an understanding of how sustainable construction can be organised and managed to realise the benefits.

Units in the module

1. Sustainable development fundamentals (0.5 day)
2. Sustainable construction fundamentals (1 day)
3. Management of sustainable construction (0.5 day)
4. EU directives and policies (0.25 day)
5. Sustainability of construction works CEN/TC 350 fundamentals (0.25 day)

Module delivery

The module will be broken down into shorter units as listed above. This allows our partners to deliver them by different methods, either face-to face, by distance learning, or by a combination of the two, and over different timescales (1 or 2 day course, 1 day course, ½ day or ¼ day workshop).

Learning outcomes

The key learning points will include:

- introduction to sustainable development and its principles
- The construction industry issues and its challenges for sustainable development
- Sustainable construction drivers, initiatives and policies

- Sustainable construction impacts
- Environmental, social and economic benefits from sustainable construction
- The role of construction industry to help meeting the EU Sustainable Development targets

Target audience

The training is aimed at those who would like to understand the principles of sustainable development and sustainable construction. It will be of particular interest to those involved in designing, constructing, operating and maintaining projects within client, design and contracting organisations and for materials manufacturers, suppliers, clients and sustainability assessors.