



## Background

Europe's construction sector is aware of the need to minimise its impact on sustainability:

environmentally, socially and economically. There is growing recognition that there is a lack of knowledge in the management of sustainable construction throughout the life cycle of a constructed facility and a lack of appreciation of the need for a holistic approach. In the past efforts have focussed on training in technology and technical issues pertaining to sustainability. This project however addresses the need to enhance vocational skills in whole life management issues in sustainable construction which have not been previously addressed in detail. These include procurement, innovation, assessment, stakeholder engagement and more. The project highlights the importance of shifting the mind-set to embrace the management of sustainable construction and the need to transfer knowledge that encourages the development of holistic life-cycle approaches to delivering sustainable solutions in a simple and clearly defined manner.

## The aim of the Project

The aim of this transfer of knowledge project is to provide training in managing whole life sustainability of the built environment to allow participants to achieve a more sustainable construction industry. The project will offer a) a train the trainer service to ensure sustainability of the project, and b) to train the members of a construction team including clients, designers, contractors, operators and other professionals to undertake the effective management of their projects to meet the challenges of a sustainable built environment.

## The Project Partners

The consortium brings together six partners from six countries across Europe

- **Whole Life Consultants Ltd**
- **FOR SAS di Paolo Tubino & C.**
- **PPP Centar d.o.o**
- **Societatea Romanapentru Educatie Permanenta**
- **DOCTUM**
- **Frederick University**



The project exporter is Whole Life Consultants Limited, a spin-out company from the University of Dundee, UK. The five importers of innovation are a combination of universities, training organisations and private companies who have a strong interest in developing vocational skills in their own countries for managing sustainable built environments.





## Training modules

There are three training modules:

1. **Sustainable development and construction**
2. **Integrated sustainability assessment**
3. **Sustainable procurement**

## Delivery method

Training will be provided in a blended approach which includes classroom teaching (short training courses and workshops), distance learning and an online forum for debate and discussion. The approach used in this project will be initially to train trainers in the importing countries to be able to deliver on -going training within their native countries. This will be followed up by on-going dialogue between trainees and trainers on the online discussion forum.

## Training target

The training is aimed at those who would like to understand the principles of sustainability assessment. 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, sustainability assessors and academics. Participants will gain an understanding of what they need to consider when carrying out a sustainability assessment.



## Learning outcome

This project seeks to deliver, over two years, country-specific training for life-long learning in sustainability of the construction industry. The key learning points will include sustainable development in construction, holistic sustainability assessment, sustainable procurement, innovation and sustainable construction standards. It will produce a long-term programme of materials and suitably qualified trainers to improve the sustainability of the construction industry in the partner countries. The tangible results of the project will principally be the creation of greater awareness in society, and a deeper understanding amongst professionals of where the benefits of sustainable construction can be realised.



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