



# Applying ICMS 3 in practice

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**Duration:** Starts May 2022 – 12 months enrolment duration

**Language:** English

**CPD:** 5 hours

**Category:** Quantity surveying and construction

**Course type:** Online Training Course

## Welcome

We are very excited that you have chosen to study **Applying ICMS 3 in Practice**.

This guide will set out some helpful information and tips for you to get the most out of this course. This guide contains the basic information about your course materials.

## First steps

1. Familiarise yourself with the guidance materials provided on the main page of your course.
2. Bookmark the course page.
3. We recommend that you use Google Chrome.
4. Disable pop-up blockers in the settings of your Internet browser.

## Method of study

The course is delivered online and designed to be flexible around your professional and personal life so that you can work through the content at your own pace.

This course combines an interactive eLearning module with supplementary reading lists, and multiple choice-quizzes to track your progress.

## What support do you receive?

This is a self-paced course. A dedicated support team will be on hand to help you with any questions that you may have.

If you have any issues related to the content and materials, please contact [trainingpd@rics.org](mailto:trainingpd@rics.org)

For any other support, please contact [onlineacademy@rics.org](mailto:onlineacademy@rics.org)

# Course description

ICMS offers a high-level framework against which life cycle costs and carbon emissions can be classified, defined, measured, recorded, analysed, presented, and compared.

This training module describes how ICMS 3 uniquely provides a common breakdown reporting structure for life cycle costs and carbon emissions. Its principal purpose is to allow:

- Construction life cycle costs and carbon emissions to be consistently and transparently benchmarked internationally, nationally, or regionally (comparative benchmarking) across buildings and infrastructure
- Properly informed investment decisions on the design and location of construction projects to be made at the best value for money (investment decision-making)
- Data to be used with confidence for construction project financing and investment, decision-making, and related purposes (certainty)
- Furthermore, with the addition of Carbon Emissions included into ICMS 3. This course will enable you to: understand the relevance of climate change and carbon emissions to construction projects. Whilst providing examples of when carbon emissions arise across the construction project life cycle.
- Recognise how to report carbon emissions alongside costs using the ACROME framework set out in ICMS 3
- Working as part of a multi-disciplinary team, to start to apply ICMS 3 carbon reporting on specific buildings and infrastructure construction projects.

## Course structure

The course is composed of two modules and a pre and post course quiz. Each module will give you a detailed understanding of the topic, blending theory and practice to test your understanding.

### **Module 1 – ICMS explained**

- Objectives, evolution, and benefits
- ICMS framework
- Use and limitations

### **Module 2 – Carbon Emissions**

- Climate change and the built environment
- Life cycle carbon emissions
- Carbon Assessment & management approach

# Learning outcomes

1. List the difference between the second and third editions of ICMS
2. Demonstrate understanding of the principles of whole life value
3. Identify risks associated with LCC & carbon emissions
4. Apply ICMS3 standards to different projects in the context of life cycle costs and carbon emissions
5. Know how to manage, report, benchmark, and reduce embodied and operational carbon
6. Compare projects by using ICMS attributes and values

# Learning resources

The resources in each technical module include various learning components to ensure you achieve the right level of knowledge for each competency.

## **eLearning module**

Interactive eLearning modules deliver the technical content of the learning objectives. The content will be delivered in bite-size chunks, including diagrams, podcasts, and interactive activities.

## **Reading materials**

The eLearning is supported by structured essential and further reading materials. These could be professional guidance and standards from RICS, videos or taken from the latest insight articles and research.

## **End of module quiz**

A short quiz tracks how much of the learning has been absorbed and acts as a progress tracker for you.