



CONSTRUCTION MANAGEMENT | CM-028

Sustainable and Green Building Practices

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Course content

Why Attend

Buildings account for a large share of energy use and emissions. Clients, regulators and investors increasingly require sustainable design, construction and operation.

This Aractech course covers sustainable building principles, energy efficiency, renewable integration, materials and embodied carbon, water efficiency, indoor environmental quality, green building rating systems and sustainable construction practices. Participants assess a building project against sustainability criteria.

Course Methodology

- Case studies
- Assessment exercises
- Group discussions
- Design reviews
- Planning

Course Objectives

- Explain sustainable building principles
- Improve energy and water efficiency
- Reduce embodied carbon through materials choice
- Understand green building rating systems
- Apply sustainable construction practices
- Assess projects against sustainability criteria

Target Audience

- Architects and engineers
- Construction and project managers

Course content

- Developers
- Facilities managers

Course outline

Detailed course outline

Day-by-day outline for Sustainable and Green Building Practices.

Day 1 - Sustainable Buildings

- 09:00-09:45 | Environmental impact of buildings
- 09:45-10:30 | Regulations
- 10:30-11:00 | Net zero buildings
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Net zero buildings (continued)
- 11:45-12:30 | Life cycle thinking
- 12:30-14:00 | Exercise: Building assessment

Day 2 - Energy and Water

- 09:00-10:17 | Passive design
- 10:17-10:56 | Efficient systems
- 10:56-11:00 | Renewables
- 11:00-11:30 | Coffee break
- 11:30-12:05 | Renewables (continued)
- 12:05-12:43 | Water efficiency
- 12:43-14:00 | Workshop: Energy strategy

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Day 3 - Materials and Carbon

- 09:00-09:45 | Embodied carbon
- 09:45-10:30 | Material selection
- 10:30-11:00 | Circularity
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Circularity (continued)
- 11:45-12:30 | Waste
- 12:30-14:00 | Exercise: Carbon comparison

Day 4 - Rating Systems and Wellbeing

- 09:00-09:45 | Green rating systems
- 09:45-10:30 | Indoor environmental quality
- 10:30-11:00 | Health and wellbeing
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Health and wellbeing (continued)
- 11:45-12:30 | Certification process
- 12:30-14:00 | Case study: Certified building

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Day 5 - Sustainable Construction

- 09:00-09:54 | Construction practices
- 09:54-10:48 | Monitoring
- 10:48-11:00 | Operation
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Operation (continued)
- 12:12-13:06 | Reporting
- 13:06-14:00 | Capstone: Sustainability plan

Seminar dates

Available seminar dates

Live dates and pricing for Sustainable and Green Building Practices generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Istanbul	Classroom	€1,978
14 - 18 December 2026	Rome	Classroom	€3,460
18 - 22 January 2027	Kuala lumpur	Classroom	€1,925
15 - 19 February 2027	Barcelona	Classroom	€2,815
15 - 19 March 2027	London	Classroom	€2,315
19 - 23 April 2027	Geneva	Classroom	€4,315
17 - 21 May 2027	Dubai	Classroom	€1,845
21 - 25 June 2027	Istanbul	Classroom	€1,978
19 - 23 July 2027	Rome	Classroom	€3,460
16 - 20 August 2027	Kuala lumpur	Classroom	€1,925

Seminar dates

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Date	Location	Format	Fee
20 - 24 September 2027	Barcelona	Classroom	€2,815
18 - 22 October 2027	London	Classroom	€2,315
15 - 19 November 2027	Geneva	Classroom	€4,315
20 - 24 December 2027	Madrid	Classroom	€3,400
9 - 13 November 2026	Online / Live	Online / Live	€1,815
14 - 18 December 2026	Online / Live	Online / Live	€1,815
18 - 22 January 2027	Online / Live	Online / Live	€1,815
15 - 19 February 2027	Online / Live	Online / Live	€1,815
15 - 19 March 2027	Online / Live	Online / Live	€1,815
19 - 23 April 2027	Online / Live	Online / Live	€1,815

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Date	Location	Format	Fee
17 - 21 May 2027	Online / Live	Online / Live	€1,815
21 - 25 June 2027	Online / Live	Online / Live	€1,815
19 - 23 July 2027	Online / Live	Online / Live	€1,815
16 - 20 August 2027	Online / Live	Online / Live	€1,815
20 - 24 September 2027	Online / Live	Online / Live	€1,815
18 - 22 October 2027	Online / Live	Online / Live	€1,815
15 - 19 November 2027	Online / Live	Online / Live	€1,815
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