

AUDITING AND GOVERNANCE RISK AND COMPLIANCE | COURSE BROCHURE

Auditing Carbon and Energy Data

5 days | Classroom training | English

SMART HORIZON

info@smart-horizon.eu
Amsterdam
The Netherlands

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Course content

Why attend

Carbon and energy figures are now disclosed to investors and regulators and need the same rigour as financial data. This course covers auditing carbon and energy data: reporting boundaries, data flows and controls, emission factors and calculations, estimation methods, documentation and preparing for external assurance.

Errors in carbon reporting can lead to greenwashing accusations. You will learn to provide assurance over environmental data.

Professional Problems This Course Is Designed to Solve

• Difficulty translating subject knowledge into practical workplace decisions.
• Inconsistent approaches to the activities covered in the course outline.
• Lack of a structured plan for applying and reviewing new skills.

Course methodology

Data flow mapping, calculation testing exercises, case studies and assurance readiness reviews.

Course objectives

By the end of this course, participants will be able to:
• Understand carbon and energy reporting requirements
• Map data flows and controls
• Test calculations and emission factors
• Evaluate estimates and assumptions
• Review documentation and evidence
• Prepare for external assurance

Target audience

This course is suitable for:
• Internal auditors
• Sustainability reporting teams
• Finance controllers
• Environmental managers
• Assurance professionals



Course content

Target competencies

Participants will develop competencies in:

- Data flow mapping
- Calculation testing
- Estimate evaluation
- Evidence review
- Assurance readiness

Course outline

Day 1: Carbon Reporting

09:00–10:08	Reporting frameworks
10:08–11:00	Scopes and boundaries
11:00–11:30	**Coffee break**
11:30–11:45	Scopes and boundaries (continued)
11:45–12:53	Risks of misstatement
12:53–14:00	Exercise

Day 2: Data Flows

09:00–10:08	Energy and fuel data
10:08–11:00	Systems and spreadsheets
11:00–11:30	**Coffee break**
11:30–11:45	Systems and spreadsheets (continued)
11:45–12:53	Controls
12:53–14:00	Workshop

Day 3: Calculations

09:00–10:08	Emission factors
10:08–11:00	Conversion
11:00–11:30	**Coffee break**



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11:30–11:45	Conversion (continued)
11:45–12:53	Recalculation
12:53–14:00	Exercise

Day 4: Estimates

09:00–10:08	Estimation methods
10:08–11:00	Assumptions
11:00–11:30	**Coffee break**
11:30–11:45	Assumptions (continued)
11:45–12:53	Uncertainty
12:53–14:00	Case study

Day 5: Assurance

09:00–10:08	Evidence
10:08–11:00	Assurance readiness
11:00–11:30	**Coffee break**
11:30–11:45	Assurance readiness (continued)
11:45–12:53	Reporting
12:53–14:00	Action plan

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.



Course content

Dates, venues and fees

Current published course plans. Fees are per participant in EUR, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (EUR)
Kuala Lumpur Confirmed dates	23 Nov 2026	27 Nov 2026	**€1,450.-**
Online Confirmed dates	23 Nov 2026	27 Nov 2026	**€1,250.-**
Barcelona Confirmed dates	14 Dec 2026	18 Dec 2026	**€2,840.-**
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**€1,250.-**
Rome Confirmed dates	11 Jan 2027	15 Jan 2027	**€2,450.-**
Online Confirmed dates	11 Jan 2027	15 Jan 2027	**€1,250.-**
Amsterdam Confirmed dates	1 Feb 2027	5 Feb 2027	**€2,540.-**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**€1,250.-**
Paris Confirmed dates	22 Feb 2027	26 Feb 2027	**€2,860.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	22 Feb 2027	26 Feb 2027	**€1,250.–**
Rome Confirmed dates	15 Mar 2027	19 Mar 2027	**€2,450.–**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**€1,250.–**
Cape Town Confirmed dates	5 Apr 2027	9 Apr 2027	**€1,890.–**
Online Confirmed dates	5 Apr 2027	9 Apr 2027	**€1,250.–**
London Confirmed dates	19 Apr 2027	23 Apr 2027	**€2,450.–**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**€1,250.–**
Dubai Confirmed dates	10 May 2027	14 May 2027	**€3,150.–**
Online Confirmed dates	10 May 2027	14 May 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Cape Town Confirmed dates	31 May 2027	4 Jun 2027	**€1,890.–**
Online Confirmed dates	31 May 2027	4 Jun 2027	**€1,250.–**
Barcelona Confirmed dates	21 Jun 2027	25 Jun 2027	**€2,840.–**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,250.–**
London Confirmed dates	12 Jul 2027	16 Jul 2027	**€2,450.–**
Online Confirmed dates	12 Jul 2027	16 Jul 2027	**€1,250.–**
Istanbul Confirmed dates	26 Jul 2027	30 Jul 2027	**€2,650.–**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,250.–**
Rome Confirmed dates	16 Aug 2027	20 Aug 2027	**€2,450.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	16 Aug 2027	20 Aug 2027	**€1,250.-**
Dubai Confirmed dates	6 Sept 2027	10 Sept 2027	**€3,150.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**€1,250.-**
Frankfurt Confirmed dates	27 Sept 2027	1 Oct 2027	**€2,650.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,250.-**
Vienna Confirmed dates	18 Oct 2027	22 Oct 2027	**€2,940.-**
Online Confirmed dates	18 Oct 2027	22 Oct 2027	**€1,250.-**
Cape Town Confirmed dates	1 Nov 2027	5 Nov 2027	**€1,890.-**
Online Confirmed dates	1 Nov 2027	5 Nov 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Vienna Confirmed dates	22 Nov 2027	26 Nov 2027	**€2,940.-**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**€1,250.-**
Dubai Confirmed dates	13 Dec 2027	17 Dec 2027	**€3,150.-**
Online Confirmed dates	13 Dec 2027	17 Dec 2027	**€1,250.-**

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

info@smart-horizon.eu
Amsterdam
The Netherlands

View the latest course details online