

QUALITY & OPERATIONAL EXCELLENCE | COURSE BROCHURE

Energy Management Systems ISO 50001

5 days | Classroom training | English

SMART HORIZON

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The Netherlands

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Course content

Why attend

ISO 50001 provides a systematic framework for continually improving energy performance. This course covers energy management systems: energy policy, energy review, significant energy uses, baselines and energy performance indicators, objectives and action plans, operational control, monitoring and certification.

A structured energy management system delivers sustained savings beyond one-off projects. You will learn to implement ISO 50001 effectively.

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

Standard walkthroughs, energy review exercises, EnPI calculations and implementation planning.

Course objectives

By the end of this course, participants will be able to:
• Explain ISO 50001 requirements
• Develop energy policy and objectives
• Conduct an energy review
• Establish baselines and energy performance indicators
• Implement operational control and action plans
• Monitor, audit and prepare for certification

Target audience

This course is suitable for:
• Energy managers
• Facility and utility managers
• Sustainability managers
• Management system coordinators
• Engineers



Course content

Target competencies

Participants will develop competencies in:

- Energy review
- Baseline development
- EnPI design
- Operational control
- Certification readiness

Course outline

Day 1: ISO 50001

09:00–10:08	Structure
10:08–11:00	Benefits
11:00–11:30	**Coffee break**
11:30–11:45	Benefits (continued)
11:45–12:53	Integration
12:53–14:00	Exercise

Day 2: Energy Review

09:00–10:08	Energy data
10:08–11:00	Significant energy uses
11:00–11:30	**Coffee break**
11:30–11:45	Significant energy uses (continued)
11:45–12:53	Opportunities
12:53–14:00	Workshop

Day 3: Baselines and EnPIs

09:00–10:08	Baselines
10:08–11:00	Normalisation
11:00–11:30	**Coffee break**



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11:30–11:45	Normalisation (continued)
11:45–12:53	Indicators
12:53–14:00	Exercise

Day 4: Implementation

09:00–10:08	Objectives and action plans
10:08–11:00	Operational control
11:00–11:30	**Coffee break**
11:30–11:45	Operational control (continued)
11:45–12:53	Procurement and design
12:53–14:00	Case study

Day 5: Monitoring and Certification

09:00–10:08	Monitoring and measurement
10:08–11:00	Internal audits
11:00–11:30	**Coffee break**
11:30–11:45	Internal audits (continued)
11:45–12:53	Certification
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)
Paris Confirmed dates	16 Nov 2026	20 Nov 2026	**€2,860.–**
Online Confirmed dates	16 Nov 2026	20 Nov 2026	**€1,250.–**
Frankfurt Confirmed dates	7 Dec 2026	11 Dec 2026	**€2,650.–**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**€1,250.–**
Dubai Confirmed dates	11 Jan 2027	15 Jan 2027	**€3,150.–**
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.–**
Rome Confirmed dates	22 Feb 2027	26 Feb 2027	**€2,450.–**



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.–**
London Confirmed dates	8 Mar 2027	12 Mar 2027	**€2,450.–**
Online Confirmed dates	8 Mar 2027	12 Mar 2027	**€1,250.–**
Dubai Confirmed dates	29 Mar 2027	2 Apr 2027	**€3,150.–**
Online Confirmed dates	29 Mar 2027	2 Apr 2027	**€1,250.–**
Cape Town Confirmed dates	19 Apr 2027	23 Apr 2027	**€1,890.–**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**€1,250.–**
Rome Confirmed dates	10 May 2027	14 May 2027	**€2,450.–**
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	14 Jun 2027	18 Jun 2027	**€2,840.–**
Online Confirmed dates	14 Jun 2027	18 Jun 2027	**€1,250.–**
Vienna Confirmed dates	5 Jul 2027	9 Jul 2027	**€2,940.–**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**€1,250.–**
Rome Confirmed dates	26 Jul 2027	30 Jul 2027	**€2,450.–**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,250.–**
Dubai Confirmed dates	16 Aug 2027	20 Aug 2027	**€3,150.–**



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.-**
London Confirmed dates	6 Sept 2027	10 Sept 2027	**€2,450.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**€1,250.-**
Istanbul Confirmed dates	20 Sept 2027	24 Sept 2027	**€2,650.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**€1,250.-**
Vienna Confirmed dates	11 Oct 2027	15 Oct 2027	**€2,940.-**
Online Confirmed dates	11 Oct 2027	15 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)
Barcelona Confirmed dates	22 Nov 2027	26 Nov 2027	**€2,840.-**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**€1,250.-**
Kuala Lumpur Confirmed dates	13 Dec 2027	17 Dec 2027	**€1,450.-**
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

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View the latest course details online