

MAINTENANCE AND ENGINEERING | COURSE BROCHURE

Energy Management and Energy Efficiency in Industry

5 days | Classroom training | English

SMART HORIZON

info@smart-horizon.eu
Amsterdam
The Netherlands

Explore current programmes

https://smart-horizon.eu



Course content

Why attend

Energy is a major cost for industrial and commercial organisations. This course covers energy management systems, energy audits, metering and monitoring, efficiency opportunities in motors, compressed air, lighting, heating and cooling, financing and measuring savings.

Energy efficiency reduces costs and emissions. This course gives practical tools to identify and deliver energy savings.

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

The course uses energy audit exercises, savings calculations, case studies and energy management planning.

Course objectives

By the end of this course, participants will be able to:
• Establish an energy management system
• Conduct energy audits
• Implement metering and monitoring
• Identify efficiency opportunities
• Build business cases for energy projects
• Measure and verify savings

Target audience

This course is suitable for:
• Energy managers
• Facilities and plant engineers
• Sustainability managers
• Maintenance managers
• Operations managers



Course content

Target competencies

Participants will develop competencies in:

- Energy management systems
- Energy auditing
- Monitoring and targeting
- Efficiency measures
- Project business cases
- Measurement and verification

Course outline

Day 1: Energy Management

09:00–09:54	Energy costs and trends
09:54–10:48	Energy policy
10:48–11:00	Management systems
11:00–11:30	**Coffee break**
11:30–12:12	Management systems (continued)
12:12–13:06	Roles
13:06–14:00	Exercise: Energy baseline

Day 2: Energy Audits

09:00–09:54	Audit levels
09:54–10:48	Data collection
10:48–11:00	Energy balances
11:00–11:30	**Coffee break**
11:30–12:12	Energy balances (continued)
12:12–13:06	Reporting
13:06–14:00	Workshop: Audit plan



Course content

Day 3: Efficiency Opportunities

09:00–09:54	Motors and drives
09:54–10:48	Compressed air
10:48–11:00	Lighting
11:00–11:30	**Coffee break**
11:30–12:12	Lighting (continued)
12:12–13:06	Heating and cooling
13:06–14:00	Lab: Savings calculations

Day 4: Business Cases

09:00–09:54	Costs and savings
09:54–10:48	Financing
10:48–11:00	Prioritisation
11:00–11:30	**Coffee break**
11:30–12:12	Prioritisation (continued)
12:12–13:06	Incentives
13:06–14:00	Case study: Efficiency programme

Day 5: Measurement and Verification

09:00–09:54	Monitoring and targeting
09:54–10:48	M&V methods
10:48–11:00	Reporting
11:00–11:30	**Coffee break**
11:30–12:12	Reporting (continued)
12:12–13:06	Continuous improvement
13:06–14:00	Capstone: Energy management plan

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the



Course content

sessions. They are indicative only and do not constitute a binding commitment.

Dates, venues and fees

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

Venue	Start date	End date	Fee (EUR)
Istanbul Confirmed dates	16 Nov 2026	20 Nov 2026	**€5,300.-**
Online Confirmed dates	16 Nov 2026	20 Nov 2026	**€1,250.-**
Amsterdam Confirmed dates	7 Dec 2026	11 Dec 2026	**€5,080.-**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**€1,250.-**
Singapore Confirmed dates	14 Dec 2026	18 Dec 2026	**€5,640.-**
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**€1,250.-**
London Confirmed dates	4 Jan 2027	8 Jan 2027	**€4,900.-**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Rome Confirmed dates	11 Jan 2027	15 Jan 2027	**€4,900.–**
Online Confirmed dates	11 Jan 2027	15 Jan 2027	**€1,250.–**
Dubai Confirmed dates	18 Jan 2027	22 Jan 2027	**€6,300.–**
Online Confirmed dates	18 Jan 2027	22 Jan 2027	**€1,250.–**
Frankfurt Confirmed dates	1 Feb 2027	5 Feb 2027	**€5,300.–**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	15 Feb 2027	19 Feb 2027	**€2,900.–**
Online Confirmed dates	15 Feb 2027	19 Feb 2027	**€1,250.–**
Paris Confirmed dates	1 Mar 2027	5 Mar 2027	**€5,720.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	1 Mar 2027	5 Mar 2027	**€1,250.–**
Istanbul Confirmed dates	15 Mar 2027	19 Mar 2027	**€5,300.–**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**€1,250.–**
Cape Town Confirmed dates	22 Mar 2027	26 Mar 2027	**€3,780.–**
Online Confirmed dates	22 Mar 2027	26 Mar 2027	**€1,250.–**
Amsterdam Confirmed dates	5 Apr 2027	9 Apr 2027	**€5,080.–**
Online Confirmed dates	5 Apr 2027	9 Apr 2027	**€1,250.–**
Singapore Confirmed dates	19 Apr 2027	23 Apr 2027	**€5,640.–**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
London Confirmed dates	3 May 2027	7 May 2027	**€4,900.–**
Online Confirmed dates	3 May 2027	7 May 2027	**€1,250.–**
Dubai Confirmed dates	17 May 2027	21 May 2027	**€6,300.–**
Online Confirmed dates	17 May 2027	21 May 2027	**€1,250.–**
Cape Town Confirmed dates	24 May 2027	28 May 2027	**€3,780.–**
Online Confirmed dates	24 May 2027	28 May 2027	**€1,250.–**
Frankfurt Confirmed dates	7 Jun 2027	11 Jun 2027	**€5,300.–**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	21 Jun 2027	25 Jun 2027	**€2,900.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,250.-**
Paris Confirmed dates	5 Jul 2027	9 Jul 2027	**€5,720.-**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**€1,250.-**
Istanbul Confirmed dates	19 Jul 2027	23 Jul 2027	**€5,300.-**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**€1,250.-**
Vienna Confirmed dates	26 Jul 2027	30 Jul 2027	**€5,880.-**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,250.-**
Amsterdam Confirmed dates	2 Aug 2027	6 Aug 2027	**€5,080.-**
Online Confirmed dates	2 Aug 2027	6 Aug 2027	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Singapore Confirmed dates	16 Aug 2027	20 Aug 2027	**€5,640.-**
Online Confirmed dates	16 Aug 2027	20 Aug 2027	**€1,250.-**
London Confirmed dates	6 Sept 2027	10 Sept 2027	**€4,900.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**€1,250.-**
Dubai Confirmed dates	20 Sept 2027	24 Sept 2027	**€6,300.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**€1,250.-**
Rome Confirmed dates	27 Sept 2027	1 Oct 2027	**€4,900.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,250.-**
Frankfurt Confirmed dates	4 Oct 2027	8 Oct 2027	**€5,300.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	4 Oct 2027	8 Oct 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	18 Oct 2027	22 Oct 2027	**€2,900.–**
Online Confirmed dates	18 Oct 2027	22 Oct 2027	**€1,250.–**
Paris Confirmed dates	1 Nov 2027	5 Nov 2027	**€5,720.–**
Online Confirmed dates	1 Nov 2027	5 Nov 2027	**€1,250.–**
Istanbul Confirmed dates	15 Nov 2027	19 Nov 2027	**€5,300.–**
Online Confirmed dates	15 Nov 2027	19 Nov 2027	**€1,250.–**
Barcelona Confirmed dates	29 Nov 2027	3 Dec 2027	**€5,680.–**
Online Confirmed dates	29 Nov 2027	3 Dec 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Amsterdam Confirmed dates	6 Dec 2027	10 Dec 2027	**€5,080.-**
Online Confirmed dates	6 Dec 2027	10 Dec 2027	**€1,250.-**
Singapore Confirmed dates	13 Dec 2027	17 Dec 2027	**€5,640.-**
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