

OPERATIONS & SUPPLY CHAIN | COURSE BROCHURE

Fleet Electrification and Sustainable Transport Management

5 days | Classroom training | English

SMART HORIZON

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Amsterdam
The Netherlands

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Course content

Why attend

Organisations operating vehicle fleets are under growing pressure to reduce emissions, comply with clean-air regulation and control rising operating costs. This course provides a practical guide to fleet electrification and sustainable transport, covering vehicle technology options, total cost of ownership, charging infrastructure, energy management, route and utilisation optimisation, driver behaviour and emissions reporting. Participants assess their current fleet and develop a phased transition plan that balances cost, operational needs and sustainability goals.

Moving a fleet to electric and low-emission vehicles is a major operational and financial decision. This course helps you evaluate options objectively, plan infrastructure and avoid costly mistakes, so that your organisation can reduce emissions while maintaining reliable service.

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 combines expert sessions, total cost of ownership modelling, fleet assessment workshops, charging infrastructure planning exercises and case studies from public and private sector fleets.

Course objectives

By the end of this course, participants will be able to:
• Explain the drivers and regulations behind fleet decarbonisation
• Compare electric, hybrid, hydrogen and alternative-fuel vehicles
• Calculate total cost of ownership for fleet options
• Plan charging infrastructure and energy management
• Optimise fleet utilisation, routes and driver behaviour
• Develop a phased fleet transition plan



Course content

Target audience

This course is suitable for:

- Fleet managers and transport managers
- Logistics and distribution managers
- Facilities and energy managers
- Sustainability professionals
- Procurement professionals buying vehicles and transport services

Target competencies

Participants will develop competencies in:

- Fleet decarbonisation planning
- Total cost of ownership analysis
- Charging infrastructure planning
- Fleet utilisation optimisation
- Transport emissions reporting
- Change management for drivers

Course outline

Day 1: Sustainable Fleet Management

09:00–09:54	Fleet emissions, costs and regulatory pressure
09:54–10:48	Clean-air zones, targets and incentives
10:48–11:00	Fleet data and current-state assessment
11:00–11:30	**Coffee break**
11:30–12:12	Fleet data and current-state assessment (continued)
12:12–13:06	Stakeholder expectations
13:06–14:00	Exercise: Baseline assessment of a fleet

Day 2: Vehicle Technology Options

09:00–09:54	Battery electric, hybrid and plug-in hybrid vehicles
09:54–10:48	Hydrogen and alternative fuels
10:48–11:00	Matching vehicles to duty cycles



Course content

11:00–11:30	**Coffee break**
11:30–12:12	Matching vehicles to duty cycles (continued)
12:12–13:06	Residual values and market developments
13:06–14:00	Workshop: Matching vehicles to operational profiles

Day 3: Total Cost of Ownership

09:00–09:54	Acquisition, energy, maintenance and taxation costs
09:54–10:48	Leasing and purchasing options
10:48–11:00	Incentives and grants
11:00–11:30	**Coffee break**
11:30–12:12	Incentives and grants (continued)
12:12–13:06	Sensitivity analysis
13:06–14:00	Exercise: Building a TCO model

Day 4: Charging and Energy Management

09:00–09:54	Depot, workplace and public charging options
09:54–10:48	Grid capacity and smart charging
10:48–11:00	On-site renewable energy and storage
11:00–11:30	**Coffee break**
11:30–12:12	On-site renewable energy and storage (continued)
12:12–13:06	Charging operations and driver processes
13:06–14:00	Case study: Electrifying a delivery fleet

Day 5: Optimisation and Transition Planning

09:00–09:54	Route optimisation and utilisation improvement
09:54–10:48	Telematics and driver behaviour programmes
10:48–11:00	Emissions measurement and reporting



Course content

11:00–11:30	**Coffee break**
11:30–12:12	Emissions measurement and reporting (continued)
12:12–13:06	Phasing, budgeting and change management
13:06–14:00	Capstone: Fleet transition 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.

Dates, venues and fees

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

Venue	Start date	End date	Fee (EUR)
Singapore Confirmed dates	9 Nov 2026	13 Nov 2026	**€2,820.-**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**€1,250.-**
London Confirmed dates	23 Nov 2026	27 Nov 2026	**€2,450.-**
Online Confirmed dates	23 Nov 2026	27 Nov 2026	**€1,250.-**
Dubai Confirmed dates	7 Dec 2026	11 Dec 2026	**€3,150.-**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**€1,250.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Frankfurt Confirmed dates	14 Dec 2026	18 Dec 2026	**€2,650.–**
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**€1,250.–**
Vienna Confirmed dates	4 Jan 2027	8 Jan 2027	**€2,940.–**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	11 Jan 2027	15 Jan 2027	**€1,450.–**
Online Confirmed dates	11 Jan 2027	15 Jan 2027	**€1,250.–**
Paris Confirmed dates	25 Jan 2027	29 Jan 2027	**€2,860.–**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**€1,250.–**
Istanbul Confirmed dates	8 Feb 2027	12 Feb 2027	**€2,650.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	8 Feb 2027	12 Feb 2027	**€1,250.–**
Amsterdam Confirmed dates	22 Feb 2027	26 Feb 2027	**€2,540.–**
Online Confirmed dates	22 Feb 2027	26 Feb 2027	**€1,250.–**
Singapore Confirmed dates	8 Mar 2027	12 Mar 2027	**€2,820.–**
Online Confirmed dates	8 Mar 2027	12 Mar 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.–**
London Confirmed dates	22 Mar 2027	26 Mar 2027	**€2,450.–**
Online Confirmed dates	22 Mar 2027	26 Mar 2027	**€1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Dubai Confirmed dates	12 Apr 2027	16 Apr 2027	**€3,150.–**
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**€1,250.–**
Frankfurt Confirmed dates	26 Apr 2027	30 Apr 2027	**€2,650.–**
Online Confirmed dates	26 Apr 2027	30 Apr 2027	**€1,250.–**
Rome Confirmed dates	3 May 2027	7 May 2027	**€2,450.–**
Online Confirmed dates	3 May 2027	7 May 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	10 May 2027	14 May 2027	**€1,450.–**
Online Confirmed dates	10 May 2027	14 May 2027	**€1,250.–**
Paris Confirmed dates	24 May 2027	28 May 2027	**€2,860.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
Online Confirmed dates	24 May 2027	28 May 2027	**€1,250.–**
Istanbul Confirmed dates	14 Jun 2027	18 Jun 2027	**€2,650.–**
Online Confirmed dates	14 Jun 2027	18 Jun 2027	**€1,250.–**
Amsterdam Confirmed dates	21 Jun 2027	25 Jun 2027	**€2,540.–**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,250.–**
Cape Town Confirmed dates	5 Jul 2027	9 Jul 2027	**€1,890.–**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**€1,250.–**
Singapore Confirmed dates	12 Jul 2027	16 Jul 2027	**€2,820.–**
Online Confirmed dates	12 Jul 2027	16 Jul 2027	**€1,250.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
London Confirmed dates	26 Jul 2027	30 Jul 2027	**€2,450.-**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,250.-**
Dubai Confirmed dates	9 Aug 2027	13 Aug 2027	**€3,150.-**
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**€1,250.-**
Frankfurt Confirmed dates	23 Aug 2027	27 Aug 2027	**€2,650.-**
Online Confirmed dates	23 Aug 2027	27 Aug 2027	**€1,250.-**
Barcelona Confirmed dates	6 Sept 2027	10 Sept 2027	**€2,840.-**
Online Confirmed dates	6 Sept 2027	10 Sept 2027	**€1,250.-**
Kuala Lumpur Confirmed dates	13 Sept 2027	17 Sept 2027	**€1,450.-**



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Dates, venues and fees (continued)

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Online Confirmed dates	13 Sept 2027	17 Sept 2027	**€1,250.–**
Paris Confirmed dates	20 Sept 2027	24 Sept 2027	**€2,860.–**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**€1,250.–**
Istanbul Confirmed dates	11 Oct 2027	15 Oct 2027	**€2,650.–**
Online Confirmed dates	11 Oct 2027	15 Oct 2027	**€1,250.–**
Amsterdam Confirmed dates	25 Oct 2027	29 Oct 2027	**€2,540.–**
Online Confirmed dates	25 Oct 2027	29 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.–**



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Dates, venues and fees (continued)

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Online Confirmed dates	8 Nov 2027	12 Nov 2027	**€1,250.–**
London Confirmed dates	22 Nov 2027	26 Nov 2027	**€2,450.–**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**€1,250.–**
Dubai Confirmed dates	6 Dec 2027	10 Dec 2027	**€3,150.–**
Online Confirmed dates	6 Dec 2027	10 Dec 2027	**€1,250.–**
Frankfurt Confirmed dates	13 Dec 2027	17 Dec 2027	**€2,650.–**
Online Confirmed dates	13 Dec 2027	17 Dec 2027	**€1,250.–**



Course content

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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