

OPERATIONS & SUPPLY CHAIN | COURSE BROCHURE

Transport Planning and Route Optimisation

5 days | Classroom training | English

SMART HORIZON

info@smart-horizon.eu
Amsterdam
The Netherlands

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https://smart-horizon.eu



Course content

Why attend

Transport is often the largest logistics cost. This course covers transport strategy, mode selection, network design, route planning and optimisation, load planning, carrier management, transport management systems and sustainability.

Better transport planning reduces costs, emissions and delivery failures. This course gives you practical tools to plan and optimise transport operations.

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 route optimisation exercises, case studies, carrier evaluation workshops and technology demonstrations.

Course objectives

By the end of this course, participants will be able to:
• Develop transport strategy and mode selection
• Plan efficient routes and schedules
• Optimise loads and vehicle utilisation
• Select and manage carriers
• Use transport management systems
• Measure transport cost, service and emissions

Target audience

This course is suitable for:
• Transport and logistics managers
• Distribution planners
• Fleet managers
• Supply chain analysts
• Procurement professionals buying transport



Course content

Target competencies

Participants will develop competencies in:

- Transport strategy
- Route optimisation
- Load planning
- Carrier management
- TMS use
- Transport KPIs

Course outline

Day 1: Transport Strategy

09:00–09:54	Role of transport
09:54–10:48	Mode characteristics
10:48–11:00	Cost structures
11:00–11:30	**Coffee break**
11:30–12:12	Cost structures (continued)
12:12–13:06	Service requirements
13:06–14:00	Exercise: Mode selection

Day 2: Route Planning

09:00–09:54	Routing principles
09:54–10:48	Time windows
10:48–11:00	Optimisation software
11:00–11:30	**Coffee break**
11:30–12:12	Optimisation software (continued)
12:12–13:06	Delivery density
13:06–14:00	Lab: Route optimisation



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Day 3: Load and Fleet Utilisation

09:00–09:54	Load planning
09:54–10:48	Consolidation
10:48–11:00	Backhauling
11:00–11:30	**Coffee break**
11:30–12:12	Backhauling (continued)
12:12–13:06	Utilisation metrics
13:06–14:00	Exercise: Load planning

Day 4: Carrier Management

09:00–09:54	Carrier selection
09:54–10:48	Rate negotiation
10:48–11:00	Performance management
11:00–11:30	**Coffee break**
11:30–12:12	Performance management (continued)
12:12–13:06	Freight audit
13:06–14:00	Case study: Carrier tender

Day 5: Technology and Sustainability

09:00–09:54	Transport management systems
09:54–10:48	Visibility tools
10:48–11:00	Emissions reduction
11:00–11:30	**Coffee break**
11:30–12:12	Emissions reduction (continued)
12:12–13:06	KPIs
13:06–14:00	Capstone: Transport improvement 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	**€2,650.-**
Online Confirmed dates	16 Nov 2026	20 Nov 2026	**€1,250.-**
Amsterdam Confirmed dates	7 Dec 2026	11 Dec 2026	**€2,540.-**
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**€1,250.-**
Singapore Confirmed dates	14 Dec 2026	18 Dec 2026	**€2,820.-**
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**€1,250.-**
London Confirmed dates	4 Jan 2027	8 Jan 2027	**€2,450.-**
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)
Dubai Confirmed dates	18 Jan 2027	22 Jan 2027	**€3,150.–**
Online Confirmed dates	18 Jan 2027	22 Jan 2027	**€1,250.–**
Barcelona Confirmed dates	25 Jan 2027	29 Jan 2027	**€2,840.–**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**€1,250.–**
Frankfurt Confirmed dates	1 Feb 2027	5 Feb 2027	**€2,650.–**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	15 Feb 2027	19 Feb 2027	**€1,450.–**
Online Confirmed dates	15 Feb 2027	19 Feb 2027	**€1,250.–**
Paris Confirmed dates	1 Mar 2027	5 Mar 2027	**€2,860.–**



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	**€2,650.–**
Online Confirmed dates	15 Mar 2027	19 Mar 2027	**€1,250.–**
Vienna Confirmed dates	29 Mar 2027	2 Apr 2027	**€2,940.–**
Online Confirmed dates	29 Mar 2027	2 Apr 2027	**€1,250.–**
Amsterdam Confirmed dates	5 Apr 2027	9 Apr 2027	**€2,540.–**
Online Confirmed dates	5 Apr 2027	9 Apr 2027	**€1,250.–**
Singapore Confirmed dates	19 Apr 2027	23 Apr 2027	**€2,820.–**
Online Confirmed dates	19 Apr 2027	23 Apr 2027	**€1,250.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (EUR)
London Confirmed dates	3 May 2027	7 May 2027	**€2,450.–**
Online Confirmed dates	3 May 2027	7 May 2027	**€1,250.–**
Dubai Confirmed dates	17 May 2027	21 May 2027	**€3,150.–**
Online Confirmed dates	17 May 2027	21 May 2027	**€1,250.–**
Rome Confirmed dates	24 May 2027	28 May 2027	**€2,450.–**
Online Confirmed dates	24 May 2027	28 May 2027	**€1,250.–**
Frankfurt Confirmed dates	7 Jun 2027	11 Jun 2027	**€2,650.–**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	21 Jun 2027	25 Jun 2027	**€1,450.–**



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	**€2,860.-**
Online Confirmed dates	5 Jul 2027	9 Jul 2027	**€1,250.-**
Istanbul Confirmed dates	19 Jul 2027	23 Jul 2027	**€2,650.-**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**€1,250.-**
Cape Town Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,890.-**
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**€1,250.-**
Amsterdam Confirmed dates	2 Aug 2027	6 Aug 2027	**€2,540.-**
Online Confirmed dates	2 Aug 2027	6 Aug 2027	**€1,250.-**



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Dates, venues and fees (continued)

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Singapore Confirmed dates	16 Aug 2027	20 Aug 2027	**€2,820.-**
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.-**
Dubai Confirmed dates	20 Sept 2027	24 Sept 2027	**€3,150.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**€1,250.-**
Cape Town Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,890.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**€1,250.-**
Frankfurt Confirmed dates	4 Oct 2027	8 Oct 2027	**€2,650.-**



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Dates, venues and fees (continued)

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Online Confirmed dates	4 Oct 2027	8 Oct 2027	**€1,250.–**
Kuala Lumpur Confirmed dates	18 Oct 2027	22 Oct 2027	**€1,450.–**
Online Confirmed dates	18 Oct 2027	22 Oct 2027	**€1,250.–**
Paris Confirmed dates	1 Nov 2027	5 Nov 2027	**€2,860.–**
Online Confirmed dates	1 Nov 2027	5 Nov 2027	**€1,250.–**
Istanbul Confirmed dates	15 Nov 2027	19 Nov 2027	**€2,650.–**
Online Confirmed dates	15 Nov 2027	19 Nov 2027	**€1,250.–**
Rome Confirmed dates	29 Nov 2027	3 Dec 2027	**€2,450.–**
Online Confirmed dates	29 Nov 2027	3 Dec 2027	**€1,250.–**



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Dates, venues and fees (continued)

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Singapore Confirmed dates	13 Dec 2027	17 Dec 2027	**€2,820.-**
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