

aractech
Global Learning for Operational Leaders

DIGITAL INNOVATION AND TRANSFORMATION | DIT-071

Smart Cities: Strategy, Technology and Governance

Contact

+31 85 7444446
info@aractech.com
https://aractech.com

Address

Waarderweg 50, 2031 BP Haarlem - Netherlands.



aractech
Global Learning for Operational Leaders

Course content

Why Attend

Cities across the Gulf, Africa and Asia are investing heavily in becoming smarter, more sustainable and more liveable. Smart city programmes use digital technology and data to improve mobility, energy, public safety, services and quality of life.

Successful smart cities are not simply collections of technology projects. They require a clear vision, citizen-centred design, strong data governance, interoperable platforms, sustainable funding and collaboration between government, business and residents.

Course Methodology

• This training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes an interactive mixture of lecture-led learning, case studies, practical exercises and group discussions.

Course Objectives

• Understand core principles and best practices covered in Smart Cities: Strategy, Technology and Governance.

• Apply practical techniques to day-to-day operational challenges.

• Build an implementation action plan suitable for your organization.

Target Audience

• Municipal and government officials

• Urban planners and city managers

• Smart city programme managers

• Real estate and master developers



aractech
Global Learning for Operational Leaders

Course outline

Detailed course outline

Day-by-day outline for Smart Cities: Strategy, Technology and Governance.

Day 1 - Smart City Foundations

• 09:00-09:39 | What Makes a City Smart: Technology, data, people and outcomes

• 09:39-10:18 | Global Urban Challenges: Population growth, congestion, climate and resource pressure

• 10:18-10:57 | Smart City Domains: Mobility, energy, water, buildings, safety, health and government services

• 10:57-11:00 | International Standards: ISO 37120, ISO 37122, ISO 37106 and ITU indicators

• 11:00-11:30 | Coffee break

• 11:30-12:06 | International Standards: ISO 37120, ISO 37122, ISO 37106 and ITU indicators (continued)

• 12:06-12:44 | Regional Leaders: Lessons from Dubai, Abu Dhabi, Riyadh, NEOM and other cities

• 12:44-13:22 | Global Examples: Singapore, Barcelona, Amsterdam and Seoul

• 13:22-14:00 | Assessment: Participants evaluate the smart maturity of their city or development

Day 2 - Smart City Strategy and Citizen Focus

• 09:00-09:54 | Developing the Vision: Linking smart city goals to national and urban plans

• 09:54-10:48 | Citizen-Centred Design: Engaging residents in setting priorities

• 10:48-11:00 | Stakeholder Mapping: Government, utilities, developers, businesses and communities

• 11:00-11:30 | Coffee break

• 11:30-11:45 | Stakeholder Mapping: Government, utilities, developers, businesses and communities (continued)

• 11:45-12:12 | Prioritising Initiatives: Impact, feasibility and readiness

• 12:12-12:39 | Smart City Roadmaps: Phasing programmes over time

• 12:39-13:06 | Sustainability and Liveability: Net-zero, resilience and quality of life

• 13:06-14:00 | Workshop: Draft a smart city vision and priority initiatives



aractech
Global Learning for Operational Leaders

Course outline

Detailed course outline

Day-by-day outline for Smart Cities: Strategy, Technology and Governance.

Day 3 - Smart City Technologies

- 09:00-09:34 | Connectivity Infrastructure: Fibre, 5G and IoT networks
- 09:34-10:08 | Urban IoT and Sensors: Environmental, traffic and infrastructure monitoring
- 10:08-10:42 | Smart Mobility: Intelligent transport systems, autonomous vehicles and mobility as a service
- 10:42-11:00 | Smart Energy and Utilities: Smart grids, metering and water management
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Smart Energy and Utilities: Smart grids, metering and water management (continued)
- 11:46-12:20 | Urban Digital Twins: Modelling and simulating city systems
- 12:20-12:53 | AI for Cities: Predictive services, video analytics and decision support
- 12:53-14:00 | Case Study: Evaluating a smart mobility programme

Day 4 - Data, Platforms and Security

- 09:00-09:30 | Urban Data Platforms: Integrating data from many city systems
- 09:30-10:00 | Open Data and Interoperability: Standards and data sharing
- 10:00-10:30 | Data Governance: Ownership, quality and access policies
- 10:30-11:00 | Cybersecurity for Critical City Infrastructure: Threats and protections
- 11:00-11:30 | Coffee break
- 11:30-12:30 | Privacy and Ethics: Surveillance concerns and building public trust
- 12:30-13:00 | Digital Government Services: Integrated, mobile-first citizen services
- 13:00-14:00 | Exercise: Design a data governance model for a city platform



Global Learning for Operational Leaders

Course outline

Detailed course outline

Day-by-day outline for Smart Cities: Strategy, Technology and Governance.

Day 5 - Governance, Funding and Measuring Impact

- 09:00-09:39 | Governance Models: Smart city offices, steering committees and cross-agency coordination
- 09:39-10:18 | Public-Private Partnerships: Structures, risks and contracts
- 10:18-10:57 | Funding and Business Models: Government funding, PPPs and new revenue models
- 10:57-11:00 | Procurement for Innovation: Pilots, challenges and outcome-based contracts
- 11:00-11:30 | Coffee break
- 11:30-12:06 | Procurement for Innovation: Pilots, challenges and outcome-based contracts (continued)
- 12:06-12:44 | Measuring Outcomes: KPIs, indices and citizen satisfaction
- 12:44-13:22 | Scaling and Sustaining Programmes: Learning from pilots
- 13:22-14:00 | Capstone: Participants present a smart city strategy and governance plan



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
4 - 8 January 2027	Dubai	Classroom	**€2,745**
11 - 15 January 2027	Kuala lumpur	Classroom	**€2,425**
18 - 22 January 2027	London	Classroom	**€2,815**
25 - 29 January 2027	Dublin	Classroom	**€3,360**
1 - 5 February 2027	Dubai	Classroom	**€2,745**
8 - 12 February 2027	Cape Town	Classroom	**€1,895**
15 - 19 February 2027	Paris	Classroom	**€2,210**
22 - 26 February 2027	Manchester	Classroom	**€3,360**
1 - 5 March 2027	Amsterdam	Classroom	**€2,415**
8 - 12 March 2027	Istanbul	Classroom	**€2,250**



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
15 - 19 March 2027	Liverpool	Classroom	**€3,360**
22 - 26 March 2027	Cape Town	Classroom	**€1,895**
5 - 9 April 2027	Istanbul	Classroom	**€2,250**
12 - 16 April 2027	Dubai	Classroom	**€2,745**
19 - 23 April 2027	Barcelona	Classroom	**€2,175**
26 - 30 April 2027	Cape Town	Classroom	**€1,895**
3 - 7 May 2027	Frankfurt	Classroom	**€2,215**
10 - 14 May 2027	Dubai	Classroom	**€2,745**
17 - 21 May 2027	Kuala lumpur	Classroom	**€2,425**
24 - 28 May 2027	Brussels	Classroom	**€3,400**



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
7 - 11 June 2027	Eindhoven	Classroom	**€3,400**
14 - 18 June 2027	Dubai	Classroom	**€2,745**
21 - 25 June 2027	Cape Town	Classroom	**€1,895**
5 - 9 July 2027	Paris	Classroom	**€2,210**
12 - 16 July 2027	Dubai	Classroom	**€2,745**
19 - 23 July 2027	Amsterdam	Classroom	**€2,415**
26 - 30 July 2027	Dubai	Classroom	**€2,745**
2 - 6 August 2027	London	Classroom	**€2,815**
9 - 13 August 2027	Cape Town	Classroom	**€1,895**
16 - 20 August 2027	Rotterdam	Classroom	**€3,400**



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
23 - 27 August 2027	Dubai	Classroom	**€2,745**
6 - 10 September 2027	Barcelona	Classroom	**€2,175**
13 - 17 September 2027	Cape Town	Classroom	**€1,895**
20 - 24 September 2027	Frankfurt	Classroom	**€2,215**
4 - 8 October 2027	Dubai	Classroom	**€2,745**
11 - 15 October 2027	Kuala lumpur	Classroom	**€2,425**
18 - 22 October 2027	Dusseldorf	Classroom	**€3,400**
25 - 29 October 2027	Istanbul	Classroom	**€2,250**
1 - 5 November 2027	Dubai	Classroom	**€2,745**
8 - 12 November 2027	Cape Town	Classroom	**€1,895**



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
15 - 19 November 2027	Paris	Classroom	**€2,210**
22 - 26 November 2027	Dubai	Classroom	**€2,745**
6 - 10 December 2027	Berlin	Classroom	**€3,400**
13 - 17 December 2027	Dubai	Classroom	**€2,745**
20 - 24 December 2027	London	Classroom	**€2,815**
27 - 31 December 2027	Cape Town	Classroom	**€1,895**
4 - 8 January 2027	Online / Live	Online / Live	**€1,515**
11 - 15 January 2027	Online / Live	Online / Live	**€1,515**
18 - 22 January 2027	Online / Live	Online / Live	**€1,515**
25 - 29 January 2027	Online / Live	Online / Live	**€1,515**



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
1 - 5 February 2027	Online / Live	Online / Live	**€1,515**
8 - 12 February 2027	Online / Live	Online / Live	**€1,515**
15 - 19 February 2027	Online / Live	Online / Live	**€1,515**
22 - 26 February 2027	Online / Live	Online / Live	**€1,515**
1 - 5 March 2027	Online / Live	Online / Live	**€1,515**
8 - 12 March 2027	Online / Live	Online / Live	**€1,515**
15 - 19 March 2027	Online / Live	Online / Live	**€1,515**
22 - 26 March 2027	Online / Live	Online / Live	**€1,515**
5 - 9 April 2027	Online / Live	Online / Live	**€1,515**
12 - 16 April 2027	Online / Live	Online / Live	**€1,515**



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
19 - 23 April 2027	Online / Live	Online / Live	**€1,515**
26 - 30 April 2027	Online / Live	Online / Live	**€1,515**
3 - 7 May 2027	Online / Live	Online / Live	**€1,515**
10 - 14 May 2027	Online / Live	Online / Live	**€1,515**
17 - 21 May 2027	Online / Live	Online / Live	**€1,515**
24 - 28 May 2027	Online / Live	Online / Live	**€1,515**
7 - 11 June 2027	Online / Live	Online / Live	**€1,515**
14 - 18 June 2027	Online / Live	Online / Live	**€1,515**
21 - 25 June 2027	Online / Live	Online / Live	**€1,515**
5 - 9 July 2027	Online / Live	Online / Live	**€1,515**



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
12 - 16 July 2027	Online / Live	Online / Live	**€1,515**
19 - 23 July 2027	Online / Live	Online / Live	**€1,515**
26 - 30 July 2027	Online / Live	Online / Live	**€1,515**
2 - 6 August 2027	Online / Live	Online / Live	**€1,515**
9 - 13 August 2027	Online / Live	Online / Live	**€1,515**
16 - 20 August 2027	Online / Live	Online / Live	**€1,515**
23 - 27 August 2027	Online / Live	Online / Live	**€1,515**
6 - 10 September 2027	Online / Live	Online / Live	**€1,515**
13 - 17 September 2027	Online / Live	Online / Live	**€1,515**
20 - 24 September 2027	Online / Live	Online / Live	**€1,515**



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
4 - 8 October 2027	Online / Live	Online / Live	**€1,515**
11 - 15 October 2027	Online / Live	Online / Live	**€1,515**
18 - 22 October 2027	Online / Live	Online / Live	**€1,515**
25 - 29 October 2027	Online / Live	Online / Live	**€1,515**
1 - 5 November 2027	Online / Live	Online / Live	**€1,515**
8 - 12 November 2027	Online / Live	Online / Live	**€1,515**
15 - 19 November 2027	Online / Live	Online / Live	**€1,515**
22 - 26 November 2027	Online / Live	Online / Live	**€1,515**
6 - 10 December 2027	Online / Live	Online / Live	**€1,515**
13 - 17 December 2027	Online / Live	Online / Live	**€1,515**



aractech
Global Learning for Operational Leaders

Seminar dates

Available seminar dates

Live dates and pricing for Smart Cities: Strategy, Technology and Governance generated from the course details page.

Date	Location	Format	Fee
20 - 24 December 2027	Online / Live	Online / Live	**€1,515**
27 - 31 December 2027	Online / Live	Online / Live	**€1,515**

+31 85 7444446
info@aractech.com
Waarderweg 50, 2031 BP Haarlem - Netherlands.