



EMERGING TECHNOLOGIES TRAINING

Smart Cities and Urban Technology Innovation

3 day course

Classroom, online or in-house

Course overview

Smart city projects across the continent are frequently a procurement of sensors followed by a dashboard nobody uses, because the technology was chosen before the service problem was defined. This course reverses that order. Delegates work through starting from a service failure a resident actually experiences, the technologies available across traffic, utilities, waste, safety and public transport, and what each genuinely delivers. Data platforms and interoperability are covered, since the value comes from combining sources rather than from any single system. Funding models are addressed honestly, including where a vendor pilot leaves the city with an unbudgeted running cost. Privacy and surveillance are treated directly. The course closes on procurement, on avoiding lock in, and on the operating capability a city needs before it buys anything.

What you will learn

- Start from a service failure residents experience rather than from technology
- Compare technologies across traffic, utilities, waste and public safety
- Build data platforms and interoperability between sources
- Assess funding models including the running cost after a pilot
- Address privacy and surveillance concerns openly
- Procure without creating vendor lock in
- Build the operating capability a city needs before buying

Who should attend

- Municipal planners
- Infrastructure engineers
- Utility managers
- Public sector IT managers
- Urban development consultants

Course outline

- 01 Sensors bought, problem undefined
- 02 Starting from a service failure
- 03 Traffic and mobility technology
- 04 Utilities, metering and waste
- 05 Public safety systems
- 06 Data platforms and interoperability
- 07 Funding models and running cost
- 08 Privacy, procurement and operating capability

Upcoming dates

Dates	Venue	Format	Fee per delegate
23 to 25 November 2026	Online	Online	R6,500
18 to 20 January 2027	Maputo, Mozambique	Classroom	USD 995
29 to 31 March 2027	Windhoek, Namibia	Classroom	R14,950



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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