



# SMART CITIES ACADEMY

Your home for quality smart cities knowledge exchange, and recognition.

Smart  
**Cities**  
Council

# ABOUT

---

- The Smart Cities Academy allow's policy makers and practitioners to be recognised for their knowledge and effort in advancing the role that technology and data play's in generating economic, social and environmental value for our communities
- The Academy is underpinned by a professional development program to help participants build their knowledge and skills in smart cities and supporting agenda's
- Participants have the option to receive a first-of-its-kind credential - the Smart Cities Practitioner Certificate - as part of the foundation education modules
- This program is built from more than eight years of global experience in supporting government advance smart cities projects through the creation of knowledge resources, facilitating best practice learning session and extensive stakeholder engagement
- Academy modules will be launched on an ongoing basis, providing practitioners with fresh and relevant content.

# WHY CHOOSE THE ACADEMY

---

- Informed by eight years of knowledge support for smart cities action around the world
- Co-designed by leading policy makers and industry specialists
- Delivered in collaboration with those who have 'been there and done it'
- Option to receive an industry-first credential: the Smart Cities Practitioner Certificate
- A platform to recognise not only your knowledge, but your ongoing contribution to the industry
- Annual Practitioner Certificate renewal program to ensure your knowledge and skills are fresh and relevant
- Network with other like-minded individuals
- Accrue continuing education hours.



# THE ACADEMY FRAMEWORK

## FOUNDATION MODULES

1. The Smart Cities Fundamentals
2. Essentials for Smart Cities Action

## CATALYST MODULES

1. Data Leadership
2. Data Activation
3. Sustainable Development Goals

## OUTCOMES MODULES

1. Smart Urban Development
2. Digital Twins for Cities
3. Smart Cities Standards
4. Privacy Impact Assessment
5. Circular Economy
6. Civic Innovation
7. Compassionate Cities
8. Data Leadership Standards
9. Smart Cities for Resilience
10. Measuring Smart Cities Impact

## OTHER

1. Collaborative Engagement Sessions
2. Published Case Studies
3. Webinars
4. Smart Cities Week
5. Activator Templates
6. Communities of Practice

# THE PRACTITIONER CERTIFICATE

---

- The Smart Cities Practitioner Certificate is a central part of the Smart Cities Academy
- The credential allows individuals to be recognised for their knowledge and contribution to the industry
- Gaining the Practitioner Certificate credential is optional, and participants may complete modules without having to complete assessment items
- For those seeking the credential, successful completion of assessment items in the Foundation and Catalyst modules is required
- You receive a digital certificate (PDF) upon successful completion of assessment items.



# PROMOTING YOUR CREDENTIAL

---

You will receive a logo to promote your credential in correspondence, reports, websites and more. Your name and organisation will also be listed on the Smart Cities Council website and promoted through regular news and notices.



Smart**Cities**Council  
Practitioner Certificate

# HERE'S HOW TO GAIN YOUR PRACTITIONER CERTIFICATE

**MODULE 1:**  
The Smart Cities  
Fundamentals

+

**MODULE 2:**  
Essentials for  
Smart Cities Action

+

**MODULE 3:**  
Data Leadership

or

**MODULE 4:**  
Data Activation

or

**MODULE 5:**  
Sustainable  
Development Goals

=



**SmartCitiesCouncil**  
Practitioner Certificate

The Foundation Modules

The Catalyst Modules

\*Each module is approximately 2hrs in duration and contains an optional assessment item.

\*\*Practitioner Certificate awarded after successful completion of the assessment items (75% pass mark).

# THE FOUNDATION MODULES

## What's in the Foundation Modules?

### FM MODULE 1 The Fundamentals

This module provides the foundation knowledge on the 'what' and 'why' of smart cities. It is ideal for policy makers and practitioners that want to better understand the basics. While the content covers the basic's, it is considered fundamental to successfully building the conditions for success among your colleagues and peers.

The topics covered include:

- **Definition** - this is where it starts, and where our mindset on smart cities is calibrated!
- **Benefits** - this is all about the 'why?'
- **Standards** - are a very powerful tool for building consistency, opportunity and scaling of smart cities solutions
- **Framework** - how do you 'do' smart cities.... breaking it down for quick action, and long term value
- **Enablers** - learn about the seven core technology and data enablers

### FM MODULE 2 Action Essentials

This module provides knowledge on the core success factors for smart cities implementation. The topics covered in this module are some of the key 'horizontal' issues, and challenges, often confronted by government in their efforts to invest and scale smart cities projects.

The topics covered include:

- **Governance and Leadership** - the strategic enablers for organisational commitment and action
- **Procurement** - the often challenging world of procurement needs creative ideas for ongoing change
- **Funding and Financing** - considered one of the biggest barriers, how can we build new opportunity to attract investment
- **Capacity and Resourcing** - who needs to know what about smart cities?
- **Project Creation** - your 'jump-start' guide to mobilising a project

Both Foundation Modules 1 and 2 are mandatory for those seeking to be awarded the Practitioner Certificate. These modules are suitable for anyone with an interest in smart cities, regardless of discipline, sector and level of knowledge.

# THE CATALYST MODULES

## What's in the Catalyst Modules?

### CM MODULE 1

#### Data Leadership

This module covers the five 'vitals' for data leadership: Purpose, Privacy, Security, Ethics and Governance.

Topics covered include:

- Purpose
- Privacy
- Security
- Ethics
- Governance

### CM MODULE 2

#### Data Activation

This module provides an overview of some of the emerging platforms and approaches to 'activating data' and generating insights for better decision making.

Topics covered include:

- Shared Data
- Open Data
- Data Exchanges
- Data Trusts
- Digital Twins

### CM MODULE 3

#### Sustainable Development Goals

This module shows how your smart cities actions can help embed the global SDG's.

Topics covered include:

- Overview
- Targets
- Localisation
- Smart cities alignment
- Performance reporting

One of the three Catalyst Modules must be successfully completed to be awarded the Practitioner Certificate.

Should a participant complete any of the other two modules, it will be recorded as continuing education hours contributing to the individuals annual 15hr certificate maintenance requirement.



# CREDENTIAL MAINTENANCE PROCESS

The Academy offers an ongoing annual credential maintenance program for practitioners seeking to ensure their knowledge and skills are fresh and relevant. It also allows your ongoing contribution to the industry to be acknowledged year on year.

To maintain the Practitioner Certificate, individuals must complete 15hrs of continuing education per year from any mix of the opportunities below:

Complete additional  
Smart Cities Academy  
Modules

Participate in SCC Task  
Forces/ Communities of  
Practice

Attend Smart Cities Week,  
or other SCC in-person  
events

Participate in SCC  
webinars/online  
sessions

Publish Case Studies on  
SCC website

Share projects and plans  
on Smart Cities Activator

# CREDENTIAL MAINTENANCE PROCESS

With each Academy module completed, or participation in the selection of other SCC education, knowledge exchange or collaborative engagement sessions, a Certificate of Completion is issued.

This can be counted as continuing education hours towards Practitioner Certificate renewal, or as a stand alone recognition of participating in a SCC knowledge exchange session.



The image shows a certificate of completion document. At the top, there is a header with the Smart Cities Academy logo on the left and the Smart Cities Council logo on the right. The main text of the certificate reads: 'CERTIFICATE OF COMPLETION', 'This is hereby given to', 'KIM HUNT', 'on 24 June 2020 for successfully completing the collaborative engagement series:', and 'Data Leadership Roadmap'. On the right side, there are three fields: '0001 Certificate ID', '8 CPD HOURS', and '24/06/2020 DATE ISSUED'. At the bottom left, there is a signature line for 'ADAM BECK, Executive Director, Smart Cities Council Australia New Zealand'.

 SMART CITIES ACADEMY 

**CERTIFICATE OF COMPLETION**

This is hereby given to

**KIM HUNT**

on 24 June 2020 for successfully completing the collaborative engagement series:

Data Leadership Roadmap

  
**ADAM BECK**  
Executive Director  
Smart Cities Council Australia New Zealand

0001  
Certificate ID

8  
CPD HOURS

24/06/2020  
DATE ISSUED

# EDUCATION HOURS - ALLOCATIONS

---

To maintain the Smart Cities Practitioner Certificate, individuals will need to demonstrate 15 continuing education hours every year.

Allocation of continuing education hours is as follows:

- Attend Smart Cities Week any where in the world - **15 hours**
- Complete additional online Smart Cities Academy modules - **2hrs each**
- Participate in an SCC webinar or online discovery session - **1 hour each**
- Actively participate in an SCC Task Force and/or Community of Practice - **1 hour per meeting**
- Attend an SCC forum, think tank or similar in-person event - **relevant attributable hours**
- Publish a smart cities case study on smartcitiescouncil.com - **1x case study = 4hrs, up to 8 hours annually**
- Publish smart cities project(s) in Smart Cities Activator (Exchange) - **1x project = 2hrs**
- Publish project template in Smart Cities Activator (Plan) - **1x project template = 8hrs, up to 8 hours annually**

# DELIVERY FORMATS AND FEES

From 2021 the training modules within the Academy will be available via the following methods:

1. On-demand online (All modules, excludes assessment fee) - **\$0 for partners / \$50 for non-partners**
2. Quarterly online 1 day intensive (Foundation and Catalyst modules only, includes assessment fee) - **\$0 for partners / \$395 for non-partners**
3. Annually in-person at Smart Cities Week (any region, excludes assessment fee) - **included in ticket price, or complimentary partner benefit**
4. On-demand in-person (at your work place) - **contact for fee**

## Other fees:

- Assessment fee (associated with Foundation/Catalyst on-demand online modules) - **\$0 for partners / \$200 for non-partners**
- Annual maintenance program re-enrolment - **\$0 for SCC partners / \$150 for non-partners**

\*All prices are AUD and +GST.

\*\*Number of complimentary seats in Academy for partners is based on partnership tier.

\*\*\*The annual re-enrolment cycle begins on July 1 and ends on June 30 each year. Continuing education hours will be pro-rated from when an individual received the credential.



Smart  
Cities  
Academy

Your home for quality smart cities knowledge exchange, and recognition.

[smartcitiescouncil.com](https://smartcitiescouncil.com)

Contact: [academy@anz.smartcitiescouncil.com](mailto:academy@anz.smartcitiescouncil.com)