



CIFAL Singapore - Advanced Professional Certificate in Sustainable Urban Environments

People

Deadline: 20 Dec 2025

Type:	Course
Location:	Singapore, Singapore
Date:	10 Jan 2026 to 25 Apr 2026
Duration:	3 Months
Programme Area:	Decentralize Cooperation Programme
Website:	https://unitar.org/sustainable-development-goals/people/our-portfolio/cifal-glo...
Price:	\$0.00
Event Focal Point Email:	d-cifal@ntu.edu.sg
Partnership:	NTU PACE

BACKGROUND

The Advanced Professional Certificate in Sustainable Urban Environments is crafted for mid-to-senior leaders committed to driving sustainable urban transformation.

This immersive programme deepens expertise in green building technologies, renewable energy, advanced sustainability practices, and urban resilience, equipping participants to lead impactful, strategic change within their organizations.

Combining expert-led workshops, interactive case studies, and exclusive site visits to NTU's Research Institutes and Singapore's sustainable landmarks, the programme offers unparalleled access to cutting-edge research and practical insights.

Participants gain a global perspective enriched by Singapore's sustainable models, with practical tools to make strategic, environmentally aligned decisions.

EVENT OBJECTIVES

This programme is designed to bridge theory with practical application. It empowers leaders to address real-world sustainability challenges alongside industry experts.

Through a network of like-minded professionals, participants can expand their influence, fostering partnerships that support their organization's sustainability vision.

This programme is a forward-looking investment, preparing leaders to reshape urban landscapes with solutions that promote environmental resilience, economic viability, and social equity, propelling cities toward a sustainable future.

LEARNING OBJECTIVES

- **Lead Sustainable Transformation**

Apply leadership skills, data insights, and design thinking to solve complex sustainability challenges.

- **Use Core Urban Sustainability Principles**

Develop sustainable urban planning strategies that integrate energy innovation and foundational practices.

- **Drive Resilient and Green Urban Development**

Apply green building technologies, energy-efficient solutions, and carbon management to build resilient urban spaces.

- **Address Social and Economic Sustainability**

Tackle urban issues related to health, pollution, ageing, and industrial development with a balanced social and economic approach.

- **Innovate for Future Urban Needs**

Lead with cutting-edge knowledge in renewable energy, low-carbon infrastructure, and sustainable design to create adaptable urban environments.

CONTENT AND STRUCTURE

Module 1: NTU Transitioning with Digital and Sustainable Skills

Module 2: Foundations of Sustainable Urban Environments

Module 3: Green and Resilient Urban Environments

Module 4: Social & Economics of Urban Environments

Module 5: Future Trends & Innovations in Sustainable Urban Environments

Module 6: Capstone

METHODOLOGY

Key Features:

- **Comprehensive and Strategic Insight:** Gain advanced expertise in green building technologies, renewable energy, sustainability practices, and urban resilience strategies—equipping you to make strategic, informed decisions that align with both organizational goals and sustainability objectives.

- **Expand Your Leadership Network:** Connect with a network of forward-thinking peers and industry experts, opening doors to new partnerships and collaborations that can enhance your organization's sustainability agenda.

- **Global and Local Perspective on Urban Sustainability:** Engage with both global trends and Singapore's best practices to develop strategies that can be

adapted across different urban contexts, ensuring your approach is both visionary and adaptable.

- **Hands-On Learning with Real-World Application:** Through a curriculum that combines expert-led workshops, interactive case studies, and hands-on projects, you'll collaborate directly with industry leaders, applying knowledge to current urban challenges for immediate, actionable impact in your role.

TARGETED AUDIENCE

Minimum of 5 years in a mid-to-senior leadership role, preferably in urban planning, sustainability, architecture, transport, environmental consulting, public policy, or a related field.