

**CHARTERED**   
INSTITUTE OF PROFESSIONAL CERTIFICATIONS

# CERTIFIED SUSTAINABLE CITY PLANNER™

---

**CSC™**

**Fully Accredited  
By:**

Chartered Institute of  
Professional Certifications

CPD  
Certification Service



# PROGRAM OVERVIEW



Sustainable city planning is no longer optional—it is the cornerstone of resilient, equitable, and thriving urban futures. **Cities that embrace sustainability principles experience 30% higher economic growth, 40% lower carbon emissions, and 50% greater social inclusion compared to conventional urban development models (World Bank, UN-Habitat).** With over 68% of the global population projected to live in cities by 2050 (UN), the demand for visionary planners who can design low-carbon and adaptive projects.

This certified program is designed to equip you with comprehensive knowledge and essential skills for driving sustainable transformation in urban environments. Throughout the program, you will explore a wide range of foundational and advanced topics including **integrated land use planning, climate-resilient infrastructure, green building design, sustainable mobility systems, and inclusive housing strategies.** This program ensures that you gain not only theoretical insights but also actionable frameworks and planning tools to influence, design, and implement holistic sustainability plans tailored to the unique needs of your cities. You will emerge with the ability to evaluate complex urban systems, forecast future needs, and lead cross-sectoral initiatives with clarity and confidence.

## ACCREDITATIONS



4.8



4.6





# PROGRAM OVERVIEW



Additionally, the program delves into specialized domains such as **circular economy integration, urban biodiversity and ecosystem services, renewable energy solutions, and innovative public-private partnership models for financing sustainable infrastructure.** You will also develop expertise in **stakeholder engagement, climate adaptation planning, and environmental impact assessments.** Throughout the program, you will gain knowledge in policy alignment, regulatory compliance, and ethical urban governance—preparing you to design cities that not only thrive but also endure.

By the program's conclusion, you will be prepared to lead high-impact urban transformation projects, influence policy at the highest levels, and drive systemic change in municipalities, private developments, and international urban initiatives.

Upon completing the program and passing the Chartered exam, you will attain the **Certified Sustainable City Planner (CSC™)** designation. This certification will distinguish you as a forward-thinking planner capable of shaping cities that are carbon-neutral, resource-efficient, and socially just, while unlocking new career opportunities in government, consultancy, and global development organizations.

## ACCREDITATIONS



4.8



4.6



# KEY SKILLS YOU WILL GAIN

## From This Program



**SUSTAINABLE URBAN PLANNING  
CLIMATE ADAPTATION AND MITIGATION  
SMART CITY DESIGN  
SMART CITY TECHNOLOGIES**

**DIGITAL INFRASTRUCTURE  
INCLUSIVE LEGISLATIVE PLANNING  
RENEWABLE ENERGY INTEGRATION  
CIRCULAR ECONOMY**

**LOW-CARBON DEVELOPMENT  
SUSTAINABLE LAND USE  
BIODIVERSITY PROTECTION  
DISASTER RISK REDUCTION**

**RESILIENCE PLANNING  
GREEN AND CLIMATE FINANCE MECHANISMS  
SDG ALIGNMENT  
INTERNATIONAL URBAN POLICY FRAMEWORKS  
SENDAI FRAMEWORK**

**SUSTAINABLE LAND USE PLANNING (LUP)  
SMART GRIDS AND METERING SOLUTIONS**



# YOUR FACULTY DIRECTOR



## Luis Felipe Melgarejo

Global Expert in Sustainable City Development,  
Climate Adaptation & ESG Compliance

With over 20 years of experience in urban and regional planning, Luis Felipe Melgarejo is a global expert in sustainable city development, climate adaptation, and ESG compliance. A **registered Urban and Regional Planner (TU Dortmund, Germany) and Sustainability Specialist (UBC IRES, Canada)**, he has provided technical assistance to governments and private sectors across Latin America, Southeast Asia, and Europe. Luis has **led national programs like Colombia's NAPA and NAMA strategies and supported major LEED-certified infrastructure projects such as the Hospital of Fusagasugá.**

Luis has **worked on Smart Cities initiatives in Bogotá, developed nature-based solutions in cities such as Manila, Barranquilla, and Jakarta, and pioneered circular economy projects in Colombia and Germany.** As a Humboldt Climate Protection Fellow and Visiting Research Academic at Oxford University's Environmental Change Institute, his expertise extends to **climate finance, agri-food biodiversity, and impact assessments.** He is also a dedicated mentor at Maple Ridge's Climate Hub, promoting sustainable innovation that respects cultural heritage and ancestral lands.

# OUR PARTICIPANTS

Over 70% of FORTUNE 500 Companies Have Attended Our Accredited Programs Before







# PROGRAM AGENDA

**CSC™**  
CERTIFIED  
SUSTAINABLE  
CITY PLANNER™

## **MODULE 1 - FOUNDATIONS OF SUSTAINABLE AND RESILIENT CITIES**

Conceptual Framework of Sustainable Planning  
The SDGs in Urban Planning  
Foundations of Disaster Preparedness  
The Essentials of Resilience in Urban Systems  
Case Study

## **MODULE 2 - THE CONCEPT AND RELEVANCE OF SMART CITIES IN A POST-PANDEMIC CONTEXT**

Theory & Conceptual Framework of Smart Cities  
Ranking of Smart Cities and City pairing &  
Relevance of Smart Cities after COVID-19  
The Foundations of Design and Planning of  
Smart Cities

## **MODULE 3 - FUNDAMENTALS OF CLIMATE CHANGE, ADAPTATION & MITIGATION IN THE BUILT AND NATURAL ENVIRONMENT IN URBAN AREAS**

UNFCCC's Key Climate Change Protocols and  
International Institutional Architecture for Urban  
Planning  
Conceptual Framework for Adaptation to Climate  
Change and Its Relation to Urban Development  
Conceptual Framework for Mitigation of GHG  
Emissions and Its Relation to Urban Development  
Planning

Environmental and Climate Determinants in Urban  
Planning

## **MODULE 4 - HOW TO DEVELOP LEGISLATIVE PLANNING FOR INCLUSIVE CITIES AND EMERGENCY PREPAREDNESS**

Legislative Planning for Inclusive Cities: SDGs in  
Urban Bylaws  
Techniques for Engaging Municipal Councils,  
CSOs, and NGOs  
Collaborating with Municipal Councils: Sendai  
Framework for Disaster Risk Reduction

## **MODULE 5 - TOOLS TO DEVELOP AND DESIGN GREEN CITIES AND NATURE- BASED SOLUTIONS**

Understanding The Green Factor for Green  
Infrastructure  
Circular Design and Circular Economy Solutions  
Decarbonizing Infrastructure and the Built  
Environment (Step Codes)  
New Technologies and Nature-Based Solutions to  
Reduce Solid Waste and Water Waste

## **MODULE 6 - SMART CITIES: SMART GRIDS, ARTIFICIAL INTELLIGENCE, AND ACCESS TO INTERNET**

Smart Grids, Smart Mobility and Smart  
Transportation

# PROGRAM AGENDA



**CSC™**  
CERTIFIED  
SUSTAINABLE  
CITY PLANNER™

Automatic Metering Solutions for Energy Efficiency  
Democratic Access to the Internet (Inclusivity)  
Artificial Intelligence in Smart Cities

## **MODULE 7 - RENEWABLE ENERGY AND ENERGY EFFICIENCY: AVAILABLE TECHNOLOGIES**

Renewable Energy: Climate & Economic Benefits for Cities  
Common Renewable Technologies: Solar PV, Wind, Thermal Districts & Geothermal  
Building Materials and the Circular Economy  
Green Building Certifications for Climate & Sustainability: LEED & BREEAM

## **MODULE 8 - BIODIVERCITIES: SUSTAINABLE URBAN LAND USE AND BIODIVERSITY MANAGEMENT**

Sustainable LUP and the Importance of Natural and Biodiversity Determinants  
How do Biodiversity Crises Impact Human Settlements?  
Biodiversity Corridors and Resilience: Case Studies from ICLEI's BioDiverCities Initiative

## **MODULE 9 - GREEN FINANCE: HOW TO LEVERAGE THE SOCIAL-ECOLOGICAL TRANSITION IN CITIES**

The Costs and Complexities of the Social-Ecological Transition  
The Basics and Examples of Green and Climate Finance  
Global Climate Finance: GEF, Green Climate Fund, Adaptation Fund, and GFANZ (C40 Case Study)

## **MODULE 10 - MONITORING AND EVALUATION OF SUSTAINABLE PLANNING PRACTICES**

The Importance of Monitoring and Evaluation for Resilient and Sustainable Urban Planning  
SDG Indicators as a Scorecard for Urban Sustainability and Resilience: Insights from the City Resilience Program (CRP)  
Benchmarking and M&E for Community Engagement and City Council Accountability: Case Study of the Sustainable City Development Index (IDSC-BR)



# YOUR CHARTER DESIGNATION



Chartered Institute of Professional Certifications' programs are unique as they provide you with professional charter designations and marks that can be used across your lifetime once you have completed our programs.

Upon completion of the program and successfully passing the Chartered exam, you will be awarded the prestigious **Certified Sustainable City Planner (CSC™)** designation, which can be showcased in your resume, CV, and other professional credentials. Developed by the esteemed **Chartered Institute of Professional Certifications**, a leading authority in professional certifications, this industry-recognized, trademarked charter designates you as an expert in sustainable urban planning, demonstrating your proficiency in the knowledge, skills, and competencies required to design, develop, and implement sustainable and resilient city plans that integrate environmental, social, and economic considerations, fostering positive transformation in urban development and management.

The program's content has been independently accredited and certified by the **Continuing Professional Development (CPD)** organization, guaranteeing adherence to rigorous standards of professional development.

# ABOUT US

49,525

Business Leaders Have  
Attained Their Chartered  
Certifications Since 2009

390

Certified and Fully  
Accredited Programs

87%

Chartered Leaders Have  
Reported Career Promotions  
and Enhancements

## Chartered Institute of Professional Certifications

All of Chartered Institute of Professional Certifications programs are fully accredited programs. The professional charters and designations are trademarked credentials that can only be used by professionals who have completed and passed our accredited program. It is also independently accredited by CPD as adhering to the highest standards of continuing professional principles.

**CHARTERED**   
INSTITUTE OF PROFESSIONAL CERTIFICATIONS



# OUR FACULTY DIRECTORS

We Collaborate With  
Instructors From  
Renowned Institutions



**HARVARD**  
UNIVERSITY



**Wharton**  
UNIVERSITY of PENNSYLVANIA



**Stanford University**



**UNIVERSITY OF MICHIGAN**



THE LONDON SCHOOL  
OF ECONOMICS AND  
POLITICAL SCIENCE



**Columbia  
Business  
School**

**London  
Business  
School**





# CONTACT US TODAY

We Thank You for Your Ongoing Support  
of Our Programs

## **Singapore and Asia Pacific Enquiries**

Email: [advisor@charteredcertifications.com](mailto:advisor@charteredcertifications.com)  
Phone: +65 6716 9980  
Address: Chartered Institute of Professional Certifications  
1 Gateway Drive  
#20-04 Westgate Tower  
Singapore 608531

## **Australia and New Zealand Enquiries**

Email: [advisor@charteredcertifications.com](mailto:advisor@charteredcertifications.com)  
Phone: +61 3 9909 7310  
Address: Chartered Institute of Professional Certifications  
530 Little Collins Street, Level 1  
Melbourne VIC 3000, Australia

## **UK, Europe and Middle East Enquiries**

Email: [advisor@charteredcertifications.com](mailto:advisor@charteredcertifications.com)  
Phone: +44 (020) 335 57898  
Address: Chartered Institute of Professional Certifications  
86-90 Paul Street  
London, EC2A 4NE

## **USA Enquiries**

Email: [advisor@charteredcertifications.com](mailto:advisor@charteredcertifications.com)  
Phone: +1 888 745 8875  
Address: Chartered Institute of Professional Certifications  
99 Wall Street #3936  
New York, NY 10005