



*Training Course:
Excellence in Urban Planning and Sustainability*

*19 - 23 April 2027
Madrid (Spain)*

Training Course: Excellence in Urban Planning and Sustainability

Training Course code: MA235670 From: 19 - 23 April 2027 Venue: Madrid (Spain) - Training Course Fees: 5775 € Euro

Introduction

The "Excellence in Urban Planning and Sustainability" program, designed by the Global Horizon Training Center, is a comprehensive training initiative that equips professionals with the knowledge, tools, and strategies required to create sustainable urban environments. In a rapidly urbanizing world, the need for effective urban planning that incorporates sustainability principles has never been greater. This program integrates cutting-edge methodologies and global best practices to empower participants to lead transformative urban projects that align with economic, social, and environmental objectives.

Objectives

By the end of this course, participants will be able to:

- Understand the principles of urban planning and sustainability.
- Develop strategies for integrating sustainability into urban development projects.
- Analyze the challenges and opportunities in urban growth and infrastructure.
- Apply advanced planning tools and techniques to enhance urban livability.
- Promote stakeholder collaboration to achieve sustainable development goals SDGs.

Target Audience

This course is ideal for:

- Urban planners and architects.
- Civil engineers and infrastructure professionals.
- Government officials and policymakers in urban development.
- Sustainability and environmental consultants.
- Academics and researchers in urban planning.
- Professionals from NGOs and international organizations focusing on urban development.

Outline

Day 1: Foundations of Urban Planning and Sustainability

- Introduction to urban planning: Historical context and trends.
- Principles of sustainable development and the SDGs.
- Key challenges in modern urbanization.
- Case studies: Success stories in urban sustainability.

Day 2: Planning Tools and Techniques

- GIS and urban modeling tools: Applications and benefits.
- Smart city technologies and data-driven decision-making.
- Urban zoning, land use, and environmental impact assessments.
- Practical exercise: Using GIS for urban design.

Day 3: Integrating Sustainability into Urban Design

- Green infrastructure: Concepts and implementation.
- Renewable energy and resource-efficient urban solutions.
- Promoting sustainable transportation systems.
- Workshop: Designing a sustainable neighborhood.

Day 4: Stakeholder Engagement and Policy Development

- The role of public participation in urban planning.
- Collaborative approaches for multi-stakeholder engagement.
- Policy frameworks and regulatory tools for sustainability.
- Role-playing activity: Negotiating a sustainable urban project.

Day 5: Future Trends and Capstone Project

- Emerging trends: Climate-resilient cities and circular economy principles.
- Innovations in urban planning: AI, IoT, and smart materials.
- Capstone project: Presenting a sustainable urban development plan.
- Feedback and wrap-up session: Reflection on learning outcomes.

Registration form on the Training Course: Excellence in Urban Planning and Sustainability

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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