



# دورة تدريبية متخصصة في مجال التنمية الحضرية المستدامة



**AGILE LEADERS**  
Training Center

16 - 20 Feb 2027  
برشلونة

## دورة تدريبية متخصصة في مجال التنمية الحضرية المستدامة

المرجع: 36352\_43546 التاريخ: 16 - 20 Feb 2027 الموقع: برشلونة الرسوم: 5700 Euro

### Course Overview:

The course explores sustainable cities and urban practices, providing participants with essential knowledge about eco-cities, low-carbon solutions, and resource sustainability.

Key topics include city resilience, renewable energy, ecosystem services, and the urban ecological footprint. Participants will learn about water management, sustainable electricity, wastewater treatment, transit-oriented development TOD, and sustainable food systems.

By the end of the course, learners will acquire practical skills to address urban challenges, manage solid waste, promote biodiversity, and tackle air pollution, all in line with the Sustainable Development Goals SDGs.

### Target Audience:

- Urban planners, architects, environmental scientists
- City government officials, municipal managers
- Corporate sustainability managers, CSR professionals
- Urban infrastructure consultants, renewable energy developers
- Professionals involved in water management, waste management, or public health
- Those looking to expand their skills in sustainable cities and ecosystem services

### Targeted Organizational Departments:

- Urban Planning and Development
- Environmental and Resource Management
- Corporate Social Responsibility CSR
- Utilities and Water Management
- Waste Management
- Public Health and Community Engagement

### Targeted Industries:

- Urban development and construction
- Public health and safety
- Renewable energy and utilities
- Water management and sanitation
- Real estate and land-use planning
- Transportation and infrastructure development

## Course Offerings:

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

- Implement sustainable urban planning practices that foster low-carbon cities
- Manage water resources effectively, including urban hydrological cycles and rainwater harvesting
- Apply strategies for municipal solid waste and wastewater treatment
- Design eco-friendly transit-oriented developments TOD that support city resilience
- Address air pollution and biodiversity conservation issues in urban settings
- Integrate SDG-aligned practices in urban and community planning efforts

## Training Methodology:

This course offers an interactive approach to ensure effective learning outcomes. Participants will engage in case studies on low-carbon and eco-cities, group discussions on resource sustainability, and workshops on renewable energy solutions. They will analyze real-world challenges related to urban ecological footprints and decision support systems for planning. Daily review sessions will cover sustainable water management, pandemic preparedness, and climate change impacts on public health, equipping participants with practical skills in sustainable urban development.

## Course Toolbox:

- Comprehensive ebooks and case studies
- Renewable energy and TOD templates
- Checklists for Urban Ecological Footprint Reduction
- SDG-aligned urban planning templates

## Course Agenda:

### Day 1: Foundations of Sustainable Urban Development

- Introduction to Sustainable Urban Development Topic 1:
- Defining Sustainable Cities Topic 2:
- Eco-Cities and Low-Carbon Cities Topic 3:
- Resource Basis of Urban Life Topic 4:
- Understanding Ecosystem Services Topic 5:
- Economy and Environmental Balance Topic 6:
- Discussing key insights on sustainable city foundations and urban sustainability Reflection & Review: principles

## Day 2: Environmental Impact and Resiliency

- Measuring the Urban Ecological Footprint Topic 1: •
- Principles of Urban Sustainability Topic 2: •
- Building City Resiliency Topic 3: •
- Climate System of the Earth and Its Impacts Topic 4: •
- Global Warming and Urban Environments Topic 5: •
- Alternative Energy: Fossil Fuels and Nuclear Energy Topic 6: •
- Reviewing the environmental challenges and resiliency strategies for urban areas Reflection & Review: •

## Day 3: Resource Management in Urban Areas

- Renewable Energy in Urban Settings Topic 1: •
- Sustainable Electricity and Energy Efficiency Topic 2: •
- The Hydrological Cycle and Urban Development Topic 3: •
- Water Resources for Agriculture in Cities Topic 4: •
- Comprehensive Water Management in Urban Areas Topic 5: •
- Household Water Budgeting and Rain Harvesting Techniques Topic 6: •
- Analyzing sustainable resource management practices and their applications in cities Reflection & Review: •

## Day 4: Urban Waste and Food Systems

- Drinking Water Supply and Quality Management Topic 1: •
- Wastewater Treatment and Reuse Strategies Topic 2: •
- Municipal Solid Waste Management Topic 3: •
- Organic Waste Solutions for Sustainable Cities Topic 4: •
- Sustainable Food Systems in Urban Environments Topic 5: •
- Eco2 Cities Model: Ecological and Economic Integration Topic 6: •
- Discussing sustainable approaches to waste and resource cycles in urban environments Reflection & Review: •

## Day 5: Advanced Planning and Policy Integration

- Transit-Oriented Development TOD and Urban Flow Topic 1: •
- Financing TOD through Land Values Topic 2: •
- Preserving Historical and Cultural Heritage Topic 3: •
- Land Use Planning and Decision Support Systems Topic 4: •
- Sustainable Urban Drainage Systems and Urban Rivers Topic 5: •
- Sustainable Cities in the Context of SDGs Topic 6: •
- Reviewing policy, planning strategies, and the role of sustainable development goals in urban contexts Reflection & Review: •

## How This Course is Different from Other Sustainable Urban Development Courses:

This course uniquely combines practical and strategic elements of sustainable cities, urban resilience, and resource sustainability, differentiating itself through hands-on workshops and real-world applications. Emphasizing topics like low-carbon cities, renewable energy, and TOD, the course integrates cutting-edge methods and decision support systems for urban planning. By focusing on essential areas such as water management, biodiversity conservation, and public health, this course is tailored to meet the needs of urban planners and city officials who aim to align with SDGs. Participants are empowered with a toolbox that includes SDG-aligned templates, renewable energy guidelines, and waste management checklists, ensuring they can immediately apply what they learn.

## فئات الدورات التدريبية

|                                                    |                                                     |
|----------------------------------------------------|-----------------------------------------------------|
| الدورات التدريبية في مجال البيئة والاستدامة        | دورات إدارة الجودة وتطوير العمليات                  |
| دورات إدارة و تحليل البيانات ودورات علم البيانات   | دورات إدارة و تطوير الموارد البشرية                 |
| دورات الذهن السيرياني ودورات تقنية المعلومات       | دورات الاتصال الجماهيري و السياسات والعلاقات العامة |
| دورات التدريب القانوني والهشتريات والتعاقدات       | دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات |
| دورات الحوكمة وإدارة المخاطر والامتثال             | دورات السكرتارية و إدارة المكاتب                    |
| دورات الصحة والسلامة والذهن المهني                 | دورات الصيانة ودورات المجالات الهندسية المتنوعة     |
| دورات المحاسبة و التهويل و دورات الإدارة المالية   | دورات المهارات الشخصية وتطوير الذات                 |
| دورات في مجالات القيادة والإدارة                   | دورات معتمدة من قبل هيئات دولية                     |
| دورات مكتب إدارة المشاريع وإدارة المشاريع الرشيقية |                                                     |



## مدن التدريب

|                                      |                                         |                                   |
|--------------------------------------|-----------------------------------------|-----------------------------------|
| أهستردام<br>هولندا                   | أكرا<br>غانا                            | أثينا<br>اليونان                  |
| الدار البيضاء<br>المغرب              | الجبيل<br>المملكة العربية السعودية      | استنبول<br>تركيا                  |
| القاهرة<br>مصر                       | الرياض<br>المملكة العربية السعودية      | الدوحة<br>قطر                     |
| باريس<br>فرنسا                       | الهناوة<br>مملكة البحرين                | الكويت<br>الكويت                  |
| بانكوك<br>تايلند                     | بالي<br>جمهورية إندونيسيا               | باكو<br>أذربيجان                  |
| برلين<br>ألمانيا                     | برشلونة<br>إسبانيا                      | براغ<br>جمهورية التشيك            |
| تيليسي<br>جورجيا                     | بوكيت<br>تايلاند                        | بورتو<br>البرتغال                 |
| جنيف<br>سويسرا                       | جاكرتا<br>جمهورية إندونيسيا             | تورنتو<br>كندا                    |
| روما<br>إيطاليا                      | حلي<br>الإمارات العربية المتحدة         | جوهانسبرغ<br>جنوب أفريقيا         |
| سنغافورة<br>سنغافورة                 | سان دييغو<br>الولايات المتحدة الأمريكية | زنجان<br>تنزانيا                  |
| شيكاغو<br>الولايات المتحدة الأمريكية | شرم الشيخ<br>مصر                        | سيول<br>كوريا الجنوبية            |
| طوكيو<br>اليابان                     | طشقند<br>أوزبكستان                      | طرابزون<br>تركيا                  |
| فرانكفورت<br>ألمانيا                 | عن بعد<br>منصة زووم                     | عمان<br>المملكة الأردنية الهاشمية |

## مدن التدريب

|                                       |                       |                    |
|---------------------------------------|-----------------------|--------------------|
| كيب تاون<br>جنوب إفريقيا              | كوالالمبور<br>ماليزيا | فيينا<br>النمسا    |
| لندن<br>المملكة المتحدة               | لشبونة<br>البرتغال    | لانكاوي<br>ماليزيا |
| مسقط<br>سلطنة عمان                    | هدريد<br>اسبانيا      | ماربيا<br>اسبانيا  |
| ميونخ<br>ألمانيا                      | هيلان<br>إيطاليا      | مونترو<br>سويسرا   |
| نيويورك<br>الولايات المتحدة الأمريكية | نيس<br>فرنسا          | نيروبي<br>كينيا    |