



Sustainable Urban Development Training Course



AGILE LEADERS
Training Center

Sustainable Urban Development Training Course

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

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



Day 2: Environmental Impact and Resiliency

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

Day 3: Resource Management in Urban Areas

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

Day 4: Urban Waste and Food Systems

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

Day 5: Advanced Planning and Policy Integration

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



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.



Training Course Categories

Agile PM and Project Management Training Courses

Certified Courses By International Bodies

Communication and Public Relations Training Courses

Data Analytics Training and Data Science Courses

Environment & Sustainability Training Courses

Finance and Accounting Training Courses

Governance, Risk and Compliance Training Courses

Human Resources Training and Development Courses

IT Security Training & IT Training Courses

Leadership and Management Training Courses

Legal Training, Procurement and Contracting Courses

Maintenance Training and Engineering Training Courses

Marketing, Customer Relations, and Sales Courses

Occupational Health, Safety and Security Training Courses

Personal & Self-Development Training Courses

Quality and Operations Management Training Courses

Secretarial and Administration Training Courses



Training Cities

Accra Ghana	Al Jubail Saudi Arabia	Amman Jordan
Amsterdam Netherlands	Athens Greece	Baku Azerbaijan
Bali Indonesia	Bangkok Thailand	Barcelona Spain
Berlin Germany	Cairo Egypt	Cape town South Africa
Casablanca Morocco	Chicago USA	Doha Qatar
Dubai UAE	Frankfurt Germany	Geneva Switzerland
Istanbul Turkey	Jakarta Indonesia	Johannesburg South Africa
Kuala Lumpur Malaysia	Kuwait Kuwait	Langkawi Malaysia
Lisbon Portugal	London UK	Madrid Spain
Manama Bahrain	Marbella Spain	Milan Italy
Montreux Switzerland	Munich Germany	Muscat Oman
Nairobi Kenya	New York USA	Nice France
Paris France	Phuket Thailand	Porto Portugal



Training Cities

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Saudi Arabia

Rome

Italy

San Diego

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South Korea

Sharm El-Sheikh

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Georgia

Tokyo

Japan

Toronto

Canada

Trabzon

Turkey

Vienna

Austria

Zanzibar

Tanzania

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WHO WE ARE

Agile Leaders is a renowned training center with a team of experienced experts in vocational training and development. With 20 years of industry experience, we are committed to helping executives and managers replace traditional practices with more effective and agile approaches.

OUR VISION

We aspire to be the top choice training provider for organizations seeking to embrace agile business practices. As we progress towards our vision, our focus becomes increasingly customer-centric and agile.

OUR MISSION

We are dedicated to developing value-adding, customer-centric agile training courses that deliver a clear return on investment. Guided by our core agile values, we ensure our training is actionable and impactful.

WHAT DO WE OFFER

At Agile Leaders, we offer agile, bite-sized training courses that provide a real-life return on investment. Our courses focus on enhancing knowledge, improving skills, and changing attitudes. We achieve this through engaging and interactive training techniques, including Q&As, live discussions, games, and puzzles.



AGILE LEADERS
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