



HUDCO's Human Settlement Management Institute

2-week ITEC Training Course for Overseas Professionals



On

Sustainable Cities

29th July – 11th August 2026

ABOUT HUDCO AND HSMI

Housing and Urban Development Corporation Ltd. (HUDCO) was set up in 1970 by the Government of India to accelerate the pace of housing and urban development in the country. It is a Public Sector Undertaking under the Ministry of Housing and Urban Affairs, Govt. of India, with more than 53 years of experience in providing loans for housing and urban infrastructure projects in India. HUDCO has established itself as a premier techno-financing company. Apart from the financing operations, HUDCO offers consultancy services, promotes research and studies related to urban development and supports the Govt. of India in its various housing and urban development-related programmes and policies.

HUDCO's Human Settlement Management Institute (HSMI) is the research and training wing of HUDCO. HSMI provides training for professionals on a wide spectrum of issues of housing, urban and regional planning and development. HSMI has considerable experience in conducting short-term training programmes. So far, it has imparted training to over 59,811 professionals through over 1856 nos. of programmes, including 58 MEA-ITEC physical programmes and 7 e-ITEC involving over 1330 overseas participants.

COURSE INTRODUCTION

HUDCO's Human Settlement Management Institute (HSMI) proposes to conduct Two weeks training course for overseas professionals from ITEC partner countries on the theme "**Sustainable Cities**"

PROGRAMME RATIONALE

In the coming decades, the urban sector will play a critical role in the structural transformation of the world economy and in sustaining the high rates of economic growth. With more than half of the global population now living in urban areas, cities are at the center of pressing challenges such as climate change, resource depletion, and social inequality. The rapid pace of urbanisation places immense pressure on infrastructure, natural resources, and ecosystems, making it crucial to rethink how cities are designed and managed. Ensuring high-quality public services for all in the cities is a task in itself, but it will also facilitate the full realisation of the economic potential of any country. One of the most prominent features of sustainable

cities is a focus on reducing their ecological footprint. This involves adopting practices that minimise environmental impact, particularly in the areas of energy use, water consumption, waste management, and transportation. Sustainable cities are essential for creating a livable, equitable, and resilient future for all. They represent a path forward that balances environmental stewardship, social well-being, and economic prosperity.

The training initiative aligns with the Government of India's programme such as the Smart Cities Mission, AMRUT (Atal Mission for Rejuvenation and Urban Transformation) and is crucial for equipping urban planners, policymakers, and community leaders with the skills needed to implement sustainable solutions. This training programme focuses on areas like green infrastructure, renewable energy, waste management, energy- efficient buildings, and inclusive urban planning.

AIM OF THE PROGRAMME

The aim of the training programme on "**Sustainable Cities**" is to equip urban planners, policymakers, and community leaders with the knowledge and skills necessary to create environmentally resilient, socially inclusive, and economically vibrant cities. Focused on key areas like green infrastructure, renewable energy, waste management, energy-efficient buildings, and inclusive urban planning, the programme seeks to foster a deep understanding of sustainable urban development practices. By building capacity in these critical areas, the programme aims to drive the implementation of sustainable solutions that address the evolving challenges of urbanization.

OBJECTIVES OF THE PROGRAMME

The objectives of the training programme are

- Understand principles of sustainable urban planning and design that promote efficient land use, green spaces, and community resilience.
- Educate participants on sustainable management of resources such as water, energy, and waste
- Explore sustainable transportation options, including public transit, cycling, and pedestrian-friendly infrastructure.
- Familiarise participants with the importance of involving local communities in sustainability initiatives and decision-making processes.
- Introducing innovative technologies and practices that enhance urban sustainability, such as smart city solutions
- Sustainable urban practices to reduce carbon footprint
- Understanding innovative financing models for funding green projects



PROGRAMME CONTENTS

The training programme will broadly cover a diverse range of themes/topics to provide participants with a comprehensive understanding of the concept and its implementation.

- The Role of Urban Planning in Achieving Sustainability
- Making Cities Water Positive
- Sustainable Waste Management
- Building Energy Positive Cities
- Sustainable Urban Mobility
- Role of Technology in Urban Sustainability
- Climate Adaptation and Resilience Planning
- Energy Efficient Building Solutions
- Community-Led Sustainability Initiatives
- Public-Private Partnerships (PPPs) in Green Infrastructure
- Innovative Financing Instruments for Green Infrastructure Projects

TARGET GROUP

TARGET GROUP - The course is specially designed for mid to senior-level officers of the government/ Private/ NGO sectors engaged in the housing and urban development sector

ELIGIBILITY

Working professionals, consultants from government and non-government institutions, academicians and Researchers working in the field of Sustainability, housing and urban development sector. Preferred Age group is 25-45 years.

EXPECTED OUTCOMES

- Understanding the principles of designing cities that minimise environmental impact, optimise resources, and enhance quality of life.
- Participants gain a deep understanding of the importance of sustainable urban development and the potential impact of technology on city life.
- Gaining knowledge in managing urban resources like water, energy, waste, and green spaces to ensure long-term sustainability.
- Comprehensive insight into smart technologies, data analytics, and IoT (Internet of Things) for urban planning and management.

- Knowledge of sustainable transportation models such as electric vehicles, public transit, bike-sharing systems, and pedestrian-friendly infrastructure.
- Implementation of smart grids and energy-efficient systems.
- Enhancing and updating knowledge through discussion and interaction with sector experts
- Awareness on active, passive and hybrid strategies to achieve thermal comfort in buildings

USP OF THE COURSE

The " Sustainable Cities" training programme offers a specialised curriculum that integrates knowledge from diverse fields such as urban planning, infrastructure management, technology, economics, and social equity. It provides a comprehensive understanding of global sustainability challenges while emphasising local contexts, enabling participants to create tailored solutions for their cities or regions. The program delves into emerging technologies and trends, including smart city innovations, green infrastructure, renewable energy integration, and circular economy models. It also highlights the importance of community engagement, participatory governance, and addressing the needs of vulnerable populations, equipping participants with the tools and expertise to implement innovative solutions that promote sustainable urban development.