

DAY 1

Sustainable Urban Development Introduction

- Cities of the Past and Cities of the Future
- Housing
- Transportation
- Infrastructure
- Ecology
- Policy and Governance of Urban Planning
- Examples of Sustainable Urban Planning for the Cities

DAY 2

Influence of Urban Growth on Sustainability

- Growth Models
- Urban Demographics and Settlement
- Capacity Planning for Urban Infrastructure
- Scarcity of Natural Resources for Urban Centers
- Sustainable Living Environment Planning
- Dealing with the Remnants of the Past

DAY 3

The Sustainability of Economics

- Housing Bubbles
- Risky Models of Urban Development Financing
- Painful Lessons of Economic Slowdown
- Financial Sustainability of Urban Development
- Ensuring the Financing of Critical Services

DAY 4

Sustainable Mobility

- Sustainable Road Transport
 - Capacity Planning

- Parking Issues
 - Reserve Capacity
- Rail Transport
- Water Transport
- Air Transport
- Multimodal Transport
- Resources and Delivery Planning

DAY 5

Sustainable Urban Development in the Age of Digital Technologies

- Use of Data for Urban Planning
- Development of Smart Cities
- Use of Simulation for Creating the Digital Twins of the Cities
- Centralized Traffic Monitoring and Control
- Assurance of Compliance
- Maintenance Sustainability