Public Sector Innovation and Smart Cities

INTRODUCTION

- As we live in the world where 60% of people live on 2% of land the world has become as urban as ever. Therefore, the traditional urban development, maintenance and sustainability are not enough and the technology must provide the answer to the questions of large number of people living in the small areas.
- The investment in smart cities is expected to reach $135 billion by 2021. The smart cities are not only the trend, they are the necessity of modern world, they are the key to the future.
- However, technology is only a part of the answer, as it is noticeable around the world, there is a sweeping wave of dissatisfaction with the government and public sector. Therefore, innovation and transformation of public sector services are one of the main elements that the governments which want to develop smart cities need to focus on.
- This Public Sector Innovation and Smart Cities training course provides the delegates with the insight into the public sector innovation which contributes to the development of smart cities, in order to create a smart city which will provide not only a high technology, but rather a place to live in harmony with the time, space and work. This training seminar will highlight the prerequisites of creating a smart and happy city.

This training seminar will highlight:

- Public sector principles and innovation requirements
- Smart City development
- Market-based revolution in public administration
- Citizen views on public sector purpose
- Citizen oriented public sector innovation practices
- Governance innovations
- Making a happy and smart city

OBJECTIVES

After attending this training program, the participant should be able to:

- Understand the public sector innovation categories
- Become familiar with the Smart City paradigm
- Apprehend the role of Big Data in the development of smart cities
- Connect the emergence of Internet of Things with the creation of smart cities
- Recognize the need for intent based networking
- Prepare the organizations in public sector for the cities of the future

TRAINING METHODOLOGY

- Participants to this Public Sector Innovation and Smart Cities training seminar will receive a thorough training on the subjects covered by the seminar outline with the instructor utilising a variety of proven adult learning teaching and facilitation techniques, focused on enhancing the individual understanding of the subjects. Seminar methodology includes active participation in of the delegates with the development of plans and programs for public sector innovation.
- The delegates will also learn about successful implementation of public sector innovation into smart cities development and common misunderstandings which can delay or derail the intended benefits of innovation in public sector.

ORGANISATIONAL IMPACT

- The organizations, especially the ones in public sector, will benefit from understanding the guiding principles of smart cities, public sector responsiveness to citizen demands, and openness of public sector services in the creation of the smart cities of the future. As the smart cities are here to stay, the organizations will benefit from boarding the smart city train on time.

The participants on this training course, will:

- Enhance their understanding of public sector organization and principles
- Learn how to make the recommendations based on intent of their citizens
- Be able to fully understand the IoT application in the smart cities
- Introduce new perspective into public sector innovation requirements
- Identify the gaps into the current public sector organization
- Organization will not only focus on their internal organization but on the citizen satisfaction

PERSONAL IMPACT

- Identifying the sources of dissatisfaction with public sector
- Learning how to adequately identify the citizen intent
- Understanding how to properly upgrade public sector services
- Learn basis of Internet of Things
- Understand the way smart cities are created
- Apply the knowledge into additional innovation where they thought was not possible

WHO SHOULD ATTEND?

- This Public Sector Innovation and Smart Cities training course is designed for all the people involved in public sector decision making and analysis, as well as private sector companies which want to participate into the development of smart cities.

  This training course is suitable to a wide range of professionals but will greatly benefit:

- Public Sector Professionals
- Professionals Working on Public-private Partnerships
- Researchers, Students and Practitioners in Internet of Things (IoT)
- Professionals in Applied Mathematics
- Technology Engineers, CTOs and CIOs
- Strategic Development Personnel
- Project Managers
- Government Employees
- Urban Planners

Course Outline

Smart Cities-the Future of Living

- Smart City-definition, Concept and Focus
- Smart City Factors
- Technology
- Human
- Institution
- Smart City Philosophy and Goal

Public Sector Innovation

- Reasons for Innovation in Public Sector
- E-Government
- Types of Innovation in Public Sector
- Introduction of Internet of Things (IoT) in Public Sector
- Measuring a Smart City Performance

Intent Based Networking Principles for Public Sector

- Concept of Intent Based Networking
- How to Create Innovative Culture
- Smart City and Smart Mobility
- Smart City and Smart Energy

Linking Humans and Smart Devices

- Artificial Intelligence
- The Concept of Privacy
- Public Sector Use of Smart Devices
- Public Sector in the Era of Social Networking

Smart Cities-Happier Citizens

- Focus on the Citizen
- Interpret the Needs of the Citizens
- Adopt to the Citizen's Requests
- The Profile of the Smart City in the Eyes of Its Residents