

What Smart City concept implementation may bring to small and middle cities in Central Europe: Learning by examples and exchanging of experiences”

The international workshop in Vienna, Austria

Friday, 12 February 2016, 10:00 – 15:00

The workshop location will be announced by 6 February 2016 at <http://asidees.org>



The workshop is focused on the practical knowledge and steps which lead to successful implementation of Smart City concepts, introduction of innovative digital economy solutions, Smart Local and Regional Governance, sustainable development and enhanced quality of life for citizens. You will see, hear and experience showcase demonstrations of the next wave of innovative, integrated technology that helps cities save money, available urban resources, build more robust resilient economies and enhance citizens' lives.

Description:

The workshop will provide overview of the current developments in Smart Cities and Smart Local Governance and analyses available experiences and expectations for the next 3-5 years.

In particular the presenters and participants would address the following issues:

- Smart City concept: The history and current state of implementation in the Europe and Japan,
- What is Smart in the “Smart City”? Main components which make the difference changing the existing city to the “Smart” one for city administration, citizens and businesses.
- What changes may take place if “Smart Everything” appears in our lives and urban areas? In Governance, new digital services for Citizen, Civic services and local businesses, Energy efficiency, Transportation, Waste and Water management, Infrastructure, Quality of life for citizens, Privacy.
- Citizens and Social innovation for happiness: Can it be aligned to expectations? Measured? How? What may lead to the achievement of the goal?
- What were the reasons of confusion between Smart City & Grid in Japan? Case study
- Urban resilience in times of climate change: Real life case study from New Orleans disaster recovery and its difficulties

- Best practices, instruments and achievements in implementation of Smart Cities concept
- Smart City Vienna initiative: First results, experiences, examples and plans for the future
- European Union Goals in Environmental targets and Quality of Life
- International standards ISO 37120:2014 “Sustainable development of communities — Indicators for city services and quality of life” and ISO 18091:2014 Quality management systems in local governance
- Smart City Monitor platform as “Innovation from Vienna” for small and medium cities: The example of practical solution running the City Model as virtual copy of real urban area
- Obtaining information about urban life processes in real time: Open data, Sensors, Internet of Things, SCADA, M2M, Urban indicators, Civic and Business objects and services, Events
- City performance: What information is important to have in real time to answer the interests of local communities (holistic vision, detailed analysis of urban objects and processes, on-going events)?
- How to make the Local Governance “Smart”, improve Quality of Life for residents, minimize the overhead and non-productive activities for Municipalities with advanced yet affordable digital services?
- City Map of Life: New Smart applications for citizens, tourists, visitors and local businesses enabling transition to digital economy
- Can foreign external information services originated and run from different countries present local information adequately and why the municipality should play major role in providing its Smart Community with own Smart City digital platform in the interests of all local stakeholders
- What are the dimensions of Return on Investments into the Smart City Infrastructure (financial, social, mobility, sustainability and others) enabling additional sources of revenue? New business models for Smart Cities to promote local economy, investments, jobs, image and tourism
- Making project consortiums for Horizon 2020 calls: The options and its comparison for [SCC-03-2016](#), [SCC-02-2016-2017](#), [SCC-01-2016-2017: Smart Cities and Communities lighthouses](#)

Focus on practical knowledge:

The workshop includes practical demonstration of the Smart City Monitor applications focused on holistic, integrated approaches to implementation in cities and towns that save money while improving results and opening new options for economic development and tourism.

The discussion of the issues by the participants provides the vision of the practical issues and approaches which need to be addressed in ongoing and planned Smart City projects in Middle Europe.

Developed by the Smart City Monitor team, the event highlights best practices for eliminating barriers to progress and instilling a culture of collaboration — cross-cutting digital solutions that public officials can use to improve livability, workability and sustainability in their communities.

You will see, hear and experience showcase demonstrations of the next wave of innovative, integrated technology that helps cities save money, build more robust economies and enhance citizens’ lives.

The workshop provides you with opportunity to learn about, see and be inspired by the smart technologies that are already working in cities just like yours. It will give you knowledge, insight and proven ideas that you can put to work right away.

Who Should Attend?

Community leaders
Municipality staff responsible for City planning, developments, local Smart City Teams
Service providers - Energy, Water, Waste, Transportation, Environment, Networking, Telecom, etc
Intelligent transportation and energy conservation initiatives
Federal, state and local public agencies
Public / private colleges and universities

The program

9:45 Registration
10:00 Session 1: Opening, Lecture by Hisakazu Okamura
11:00 Session 2: Discussion of the findings and experiences
11:30 Coffee break and networking
11:50 Session 3: "Smart city's marketing strategies and business models in changing realities" by Elena Petrova
12:15 Discussion of the findings and experiences
12:30 Practical solutions to middle size cities, consortiums for Horizon 2020 SCC and Interreg calls by Serguei Golovanov
13:30 Coffee break and networking
13:45 Demonstrations of Smart City Monitor by Serguei Golovanov
14:15 Round table, Discussion, wrap up
15:00 Event conclude

The Workshop will be held in English only; no interpretation will be available.

Our program is up to 4 working hours. Our speakers will provide the high-level overview of the current developments in Smart Cities, analyses practical implementations and presents their Smart solution examples. Following the presentations the discussion of specific Smart City topics will take place which we invite you to participate in and contribute to better understanding of the ongoing processes of urban change.

After workshop you may be interested to visit beautiful Viennese places.

Speakers



Professor Hisakazu Okamura, Japan

Prof. Hisakazu Okamura, Tokyo, graduated Waseda University with degree in Commercial Science. He was working for IBM Japan for over 30 years where established and led a division of environment and the smart city in the last ten years as Division Manager. In 2011 Prof. Okamura was assigned to the East Great Earthquake, IBM Global team, as a member of the Global HQ team.

Through related activities he became involved with the New Orleans Mayor assistance project “Smarter City Challenge,” as one of 6 members from the IBM U.S. office (http://smartercitieschallenge.org/city_neworleans_la.html).

Prof. Okamura was an establishment member of the Smart Community of the ministry of economy, member of working team of personal law of the cabinet, regional IT advisor of ministry of general affairs, and now an eGovernment promoting member of the cabinet.

In 2015 Prof. Okamura joined Faculty of Urban Innovation, Asia University, Japan. The Asia University, since its establishment in 1941, fosters a spirit of self-help and cooperation promoting it into the international community. As a professor of Faculty of Urban Innovation Mr.Hisakazu Okamura participated in World Engineering Conference and Convention 2015 (WECC 2015) in Kyoto presenting “Smart cities and Big data foci of Japan”. Mr. Okamura is the author of “Smart City,” Ascii Media Works 2011 and other three books relating to smart grid and smart cities.

Mr. Okamura is a SVP of renewable energy company for new biomass with AUSTRIAN forestry businesses way. Recently he has presented "Report and consideration of the advanced Austrian forestry industry as a system." (http://www.advantageaustria.org/jp/events/2015.11.05_Okamura.pdf). Mr. Okamura was appointed to Vice President of "Japan - Austria collaboration association" in Nov. 2015 with AUSTRIAN embassy in Japan.

During the Vienna Workshop “**Smart City in Practice**” professor Okamura will share his profound experiences in the presentation “The best practices, instruments and achievements in implementation of Smart Cities concept” covering the issues from history of Smart city in Japan, Citizens and Social innovation for happiness; Real disaster recovery and difficulties in New Orleans recovery; what was the reasons of confusion between Smart city & grid in Japan.

The participants receive the latest information and understanding of the current trends and potential outcomes related to the complex topics of Smart Governance and Urban Innovation.



Elena Petrova, MSc in Economics, Slovak Republic

Elena Petrova, MSc in Economics, is the Slovak entrepreneur and co-founder of ASIDEES (NGO, Austria). She focuses on user experience design (UX Design) especially in applications for human-centered cities.

Mrs. Petrova will share her insights how smart city municipalities can integrate user experience design in daily interactions with the citizens improving engagement, participation and efficiency of electorate

activities. She present review of the practical recommendation about optional actions which can be realized by the administrations as first steps paving the way to the effective start of Smart City project within limited city budget.

Ms. Petrova reviews and discusses the topics of “Smart city’s marketing strategies and business models in changing urban realities”. As every municipality nowadays faces urban challenges the city marketing can be viewed as an additional important tool for fostering city governance in the transition to new digital economy.



Serguei Golovanov, Ph.D

Dr. Serguei Golovanov, Vienna, Austria, graduated Moscow Aviation Institute, Russia with the degree Dipl. Engineer in Control Systems. He has Ph.D. in Computer and Systems Sciences and currently is the manager of company GOLEM IMS GMBH, Austria. Prior he worked in International Institute for Applied Systems Studies ([IIASA](#)), Austria as scientist in the program “Sustainable Development of Biosphere”.

Dr. Golovanov is the Chairman of ASIDEES and Chief Architect of the innovative platform [Smart City Monitor](#). The platform supports development of complex cyber-physical models of urban areas, it’s integrating with diverse sensors, Internet of Things, open big databases to run in cloud technologies and provide new set of advanced digital services for citizens, tourists, businesses and smart governance.

The platform, released in 2015, provides comprehensive yet easy to use and inexpensive solution for practical implementation of integrated Smart City concept in middle and small size cities. After its introduction the Smart City Monitor was recognized as “[Innovation from Vienna](#)” by the city administration and becomes prime instrument for learning and prototyping Smart City implementations.

Serguei has extensive experience as speaker at many international meetings and conferences in Europe, USA, Latin America, Asia, Africa and Middle East. As [UNIDO International consultant](#) he was the coach and trainer for national consultants and entrepreneurs in several international programmes.

Dr. Golovanov provides workshop participants with the overview of the current solutions, trends and key factors which are driving forces behind the Smart City developments sharing his experiences of recent participations and presentations in the international events 2015 Malaga Green Cities and Barcelona Smart City Expo 2015.

Finally he will demonstrate the new platform Smart City Monitor and how its open models of complex urban areas can effectively support digital transformation processes in Middle Size Cities and Towns in the Europe and other countries, improve quality of life, foster Smart Local and Regional Governance as well as transition to digital economies.

Note: Additional presenters can be announced prior to the workshop date.

Location:

The exact location of the conference center in Vienna city will be provided to all registered participants by 6 February 2016 after the final registration date.

Registration and fees:

Participation is **Free**

Registration:

The reservations are made upon the registration, subject to availability of free places and confirmed. For the reservation please [use the link on the event's page](#).

Organizers:



ASIDEES — Association for Sustainable Innovative Development in Economics, Environment and Society, Austria.

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Join us in Vienna on 12 February 2016, Friday 10:00 – 15:00!

Inform us if you or your colleagues have and can share the practical knowledge in Smart Cities implementation with the workshop participants.