

Documentation

**International Workshop, 12 February 2015
“Connecting Smart-Cities-Initiative and the European Strategy for the Danube Region”**



Department of Landscape, Spatial and Infrastructure Sciences, University of Natural Resources and Life Sciences, Vienna, Oskar-Simony-Haus, Peter-Jordan-Straße 65

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Agenda of the Workshop

Moderator: Assoc.Prof. Dipl.-Ing. Dr. Gernot Stöglehner

11.00 am	Welcome
11.30 am	Welcome address from the University of Natural Resources and Life Sciences, Vienna Rector Univ.Prof. Dipl.-Ing. Dr. Dr. h.c.mult. Martin H. Gerzabek and O.Univ.Prof. ⁱⁿ Dr. ⁱⁿ -Ing. ⁱⁿ Gerda Schneider Welcome address from the Climate and Energy Fund Mag. ^a Daniela Kain
11.45 am	Short introduction about the project Uni.Ass. ⁱⁿ Dipl.-Ing. ⁱⁿ Rita Mayrhofer
12.00 am	Exchange of experiences Statements of the participants
01.15 pm	Lunch
02.30 pm	Participatory session
04.30 pm	Closing remarks
05.00 pm	Get together

Welcome Addresses and Introduction to the Workshop

During the opening session the Rector of the University of Natural Resources and Life Sciences, Vienna, Martin H. Gerzabek, and Daniela Kain from the Austrian Climate and Energy Fund welcomed all the participants. Gerda Schneider as Head of the Department of Landscape, Spatial and Infrastructure Sciences explained the reason and aim of the meeting which is to find coincidence and further development of two different structured programs, the Smart Cities Initiative of the Austrian Climate and Energy Fund and the EU-Strategy for the Danube Region.

Rita Mayrhofer, leading researcher of the project “Connecting Smart-Cities-Initiative and the European Strategy for the Danube Region”, outlined briefly the framework and some results of the project.

Exchange of Experiences

After a short introduction of participants several statements were given by different representatives who presented their institution and their activities concerning the Smart Cities Initiative or the EU-Strategy for the Danube Region. Attached you find the list of participants and all available presentations (attachment number 1).

Eva Pangerl from the Municipality of the City of Vienna, Department MA 18 Urban Development and Planning, Smart City Vienna gave a short overview of the Viennese activities in the field of Smart City. She pointed out, that the Smart City Initiative was an opportunity to combine many of the elaborated urban strategic plans in a platform called the Smart City Framework Strategy.

www.smartcity.wien.gv.at

Vladimir Ondrejicka from SPECTRA Centre of Excellence of the Slovak University of Technology in Bratislava, Slovakia explained the focus of their SMART CITY CENTRE – CENTRE FOR SMART STRUCTURAL DEVELOPMENT, which was established for knowledge-based economy and concentrates the capacities working on the topic of smart urban development with special focus on smart land-use and smart structures for urban development. www.spectra-perseus.org

Stephan Maier from the Graz University of Technology (TU Graz) is a member of the working group Prof. Michael Narodoslowsky with the focus on Processsynthesis, Process Evaluation and Regional Planning. They work on the flow of process optimization with Process Network Synthesis (PNS) and Energetic Long-term Assessment of Settlement Structures (ELAS) to analyses Energy demand and side parameters in rural and urban regions. www.ippt.tugraz.at

Nora Vadász from the NGO Design Terminal Budapest cooperates with creative industries to stimulate mentoring and incubation of smart solutions in the field of urban environment, creativity and culture, for example with the project “Smart City Lab Budapest” or “Smart City on the ground”. www.designterminal.hu

Márton Garay from the Municipality of the City of Budapest, Department of Urban Planning, Urban Development Section, gave a short overview of the long- and mid-term development concepts of the City of Budapest and the recent Smart City Projects like the LIVING LAB PILOTPROJECT and the „FUTÁR” PROJECT. www.budapest.hu

Adam Kobrizsa and **Szilvia Zsargo** from MindSpace Nonprofit Kft, a platform in Budapest, are working on helping cities to become more livable with creative tools (games and installations) to understand the definition and each pillars of a Smart City, and also the meaning of the conception on a practical level for average citizens, who live in cities. They also lead no formal education training focusing on environmental education and smart city. www.mindspace.hu

Zuzana Hudekova from the Municipality of the City of Budapest, Chief Architect Department, explained their principal aim to foster sustainable development in Budapest. The focus is on energy efficiency and on different strategies for climate change adaptation at the moment and therefore the municipality takes part in several projects for example in the H2020 program. Main topics are resilient cities and infrastructure and rain water management. www.bratislava.sk

Julianna Szabó from the Budapest University of Technology and Economics, Faculty of Architecture, Department of Urban Planning and Design gave a short overview of her current project DANUrBcultural network, which aims on regional network building between the settlements along the Danube through tourism and education to strengthen the Danube regional cultural identity and create a unified tourism destination brand. www.urb.bme.hu

Helga Kromp-Kolb from the University of Natural Resources and Life Sciences, Center for Global Change and Sustainability (BOKU) is one of the main authors of the Austrian Assessment Report 2014. She pointed out that, the facts and the knowledge about climate change and the vulnerability of the cities are set clear, what we need now is a societal change and new models of engineers working together with greeners for the aim of greening cities. She also emphasized that the Universities can play a leading role in that process, if they transform themselves. www.globalchange.boku.ac.at

Árvay Szilárd from Ministry of Foreign Affairs and Trade of Hungary, Chief Advisor, EU Strategy for the Danube Region – Sustainable Energy Priority Area (PA2) explained the EUSDR, the 4 pillars and the 11 priority areas. His focus is mainly on PA 2 Coordinating regional energy policies, enhancing the energy market integration of non-EU countries and facilitating cutting edge technology developments. www.danube-energy.eu

Margit Noll from the AIT Austrian Institute of Technology (AIT) pointed out their international research focuses on the infrastructure issues of the future as energy, mobility, safety and security, health and environment and innovation systems. As coordinators of the programme JPI Europe she pointed out, that at the moment research and implementation is mainly linked to technical issues and that a shift to environmental topics, participation and urban planning will be necessary. www.ait.ac.at

Ľubomír Macák from the Institute of Spatial Planning, NGO in Bratislava, Slovakia follows the mission of Research & Development & Innovation and methodical tasks, planning, programming, publication and education in the fields of spatial (urban) planning, regional development, geographical information system (GIS) and sustainable mobility. They also run a SSC Platform to setup a special working group of Build Environment Quality Evaluation (BEQE) called “The Planning Server”. www.ipp.szm.com

Hans-Günther Schwarz from the Austrian Ministry for Transport, Innovation and Technology (bmvit) gave a short overview of Austrian Urban RDI Programmes and Collaborations and how funding aims to energy strategies for the City of Tomorrow and how Research and innovation support cities in their quest for smart sustainability. www.bmvit.gv.at

Participatory Session

The participatory session after lunch was divided into two parts. In a first step the participants were asked to answer in the context of a mind map the two following questions

- What does "the topic X" mean in the context of Smart City?
- How does the Danube Region perspective contribute to the topic "X"?

regarding the 7 different topics

- Research
- Model Region and urban networks
- Supply and disposal
- Renewable energy
- Mobility and transport
- Social and ecological structures and economic activities
- and climate change.

It was also possible to extend or specify an already given answer.

In a second step the participants were asked to set priorities by marking the most important answer with a dot.

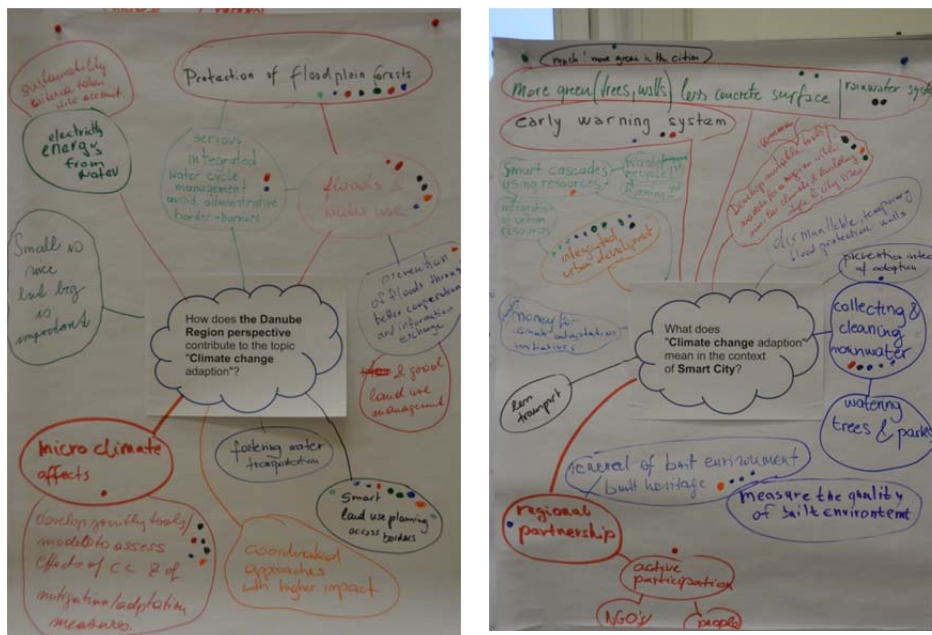


Figure 1 Exemplary documentation of the results of the asked questions

During the second part of the participatory session the participants were developing in groups a tree consisting aims for Smart Cities in the Danube Region (yellow), the necessary measures (red) and target groups/actors (green). Attached (attachment number 2) you find the photo documentation of the results of the participatory session.



Figure 2 Documentation of the results of the developed trees

Summary

This international workshop on 12 February 2015 was a first step for establishing future cooperation between the different institutions. The presentations in the morning had given an idea of the national programs and the projects on different levels in the fields of Smart Cities in the Danube Region.

Two participatory sessions have shown the problem understanding in different fields in the Danube Region. The three trees of insight with its targets, measures and the framework allows a critical reflection and were the tools to discuss and integrate even the philosophy of sustainability and technology concepts. The trees show that it is possible to act and that the stakeholders are known to develop alternative concepts, across the borders.

The final statements of the participants showed that there were many results of very different levels and that there was a great appreciation of the possibility to get in contact and to re-establish transnational networks which had been cut off by the cold war. Participants pointed out, the importance of knowledge exchange in these times of cultural change. We know that we do not live in separated cities but that we live in networks which influence each other. And it became clear that cooperation is crucial, especially when the cities want to become able to master the impacts of climate change.

This meeting can be seen as a first step. Many of the other countries of the Danube Region are now slowly opening their funds to the aims of the EUSDR. To integrate those countries would be a good effort to support implementation of the EUSDR there. But therefore it seems important to see the current obstacles for the knowledge transfer and to find strategies to overcome them.

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