



AUSTRIAN SMART CITIES DAYS

within the Urban Future Global Conference 2018

February 28th – March 2nd 2018
Exhibition & Congress Center in Vienna

February 28, 2018

PROGRAM

Schubert Rooms 5 and 6 (1st floor)

14.00 **Smart Cities Days opening**

(German) Theresia Vogel (Managing Director, Climate and Energy Fund)
Ingolf Schädler (Deputy Director General for Innovation, Austrian Federal Ministry for Transport, Innovation and Technology)

14.20 **Frugal innovation – Is this paradigm suitable for sustainable urban development?**

(German) **Keynote:**

Maria Tagwerker-Sturm (Doka Ventures GmbH)

Interactive panel discussion with:

Jürgen Zacharias (journalist)

Nadine Mitterpergher (project SmartWas?, Youth Environment Platform JUMP)

Theresa Imre (markta – der digitale Bauernmarkt)

Moderator:

Martina Handler (Austrian Society for Environment and Technology)

15.30 **Coffee Break**

16.00 **Innovative pioneers for a new urban future**

(German) In this workshop, implementers from projects of the “City of Tomorrow” (bmvit), “Smart Cities Demo” (Climate and Energy Fund) and “JPI Urban Europe” research program, as well as other interested parties, are invited to network and identify synergies and future possibilities for cooperation.

Networking circles on the following themes are scheduled:

1. Investing in the “Energiewende”
2. Urban heat islands/innovations for the green city
3. System flexibilities and storage
4. Increasing center city density
5. Participation and governance
6. Sustainable neighborhoods and sharing & trading
7. Integrative concepts for sustainable urban development/living and mobility
8. District renovation

Moderator:

Martina Handler

17.30 **Coffee Break**

18.00 **Urban Future After-Party for all attendees and speakers**

Stolz Room 1 (Ground Floor)

15.00 **Gamification of Sustainability: Smart City Hopping on stage**

(English) In this interactive game, all visitors can use the conference app to answer selected multiple choice knowledge questions on European Smart Cities and thus earn a place in the final round on stage. The prize is a gift basket filled with Viennese delicacies!

Moderator:

Dominic Patak, in discussion with
Theresia Vogel (Climate and Energy Fund)

March 1, 2018

Schubert Rooms 5 and 6 (1st floor)

09.00 **UN Sustainable Development Goal – SDG 11 and the “New Urban Agenda”: Consequences for Austria and the role of technology and innovation**

(English)

Keynote:

Jeanette Elsworth (UN-Habitat)

Interactive panel discussion with:

Wolfgang Amann (Institute for Real Estate Construction and Housing Ltd.)

Judith Schreiber (Federation of Austrian Industry)

Petra Oberrauner (Deputy Mayor of Villach)

Jeanette Elsworth

Sustainable urban development is a top priority on the policy agenda. The UN Sustainable Development Goals (SDGs), the new urban agenda of UN-Habitat, and the urban agenda of the European Union are some examples. They require an environment and resources that foster access to science, technology, innovation, and enhanced knowledge management.

Common efforts are required on both local and national levels. This session focuses on how stakeholders from research and innovation on the national level can contribute to achieving the SDGs.

Moderator:

Hans-Günther Schwarz (JPI Urban Europe)

10.30 **Coffee Break**

11.00 **Austria’s Smart Cities in dialogue**

(German)

Connecting cities through long-term cooperation, establishing an exchange and learning partnership, and networking with stakeholders from research, industry, investment groups, housing cooperatives, administration, and intermediary institutions – those are the goals of the new Smart Cities networking platform. In this manner, urban innovation processes shall be supported and the paths toward sustainable urban development shall be smoothed. Following an introductory input by Helmut Strasser (Salzburg Institute for Regional Planning and Housing) on the goals and activities of the networking platform, representatives of the Smart Cities Graz, Klagenfurt, Salzburg, Villach, and Vienna will sketch out their common image of a Smart City, with the aim of giving a clearer direction to this often inflationarily used term.

Afterwards urban development themes such as mobility or renovation, with specific focus in each case, shall be the center of the discussions. Small rounds of discussions with the participants will be held on:

- What leeway do we have as designers of urban development?
- How can the people be put in the spotlight?
- What resources and areas are needed in order to create innovation in the Smart City?
- What form must the accompanying communication take?

12.30 **Lunch**

Schubert Room 5 (1st floor)

14.00 **Interactive Game Zone**

(German/
English)

The format **Play the City – Change the Game** was created by the Climate and Energy Fund in order to make the complex theme of sustainable urban development into something that can be experienced in the form of various community games. The playful approach helps all age groups develop a connection to modern sustainability strategies.

Along with **Smart City Hopping**, the following games will be offered:

Pocket Mannerhatten Ottakring

“Pocket Mannerhatten Ottakring” is a planning game that addresses the themes of participation, communication, and also living environment. During the 90-120 minute runtime of the game, 5-10 participants step into the roles of tenants, property owners, as well as other stakeholders in order to jointly redesign a physical model city block according to their own ideas, and in particular to follow the concept of sharing while doing so. The object of the game is to make good use of the city’s scarce assets (such as space and land area) in order to increase urban quality of life, uncover hidden potential, and find solutions relating to different conflicts of interests.

Mobility Safari

The “Mobility Safari” strategy game focuses on different problems relating to the thematic fields of mobility, common good, sustainability, and cooperation. 4-6 players join forces in order to carry out as many innovative urban mobility projects as possible from different categories within an hour. In a total of 5 game rounds symbolizing a 5 year period, a city map of Vienna serves as the spatial foundation for implementing original projects that must also fulfill numerous prerequisites. The object of the game is to design and implement mobility projects that serve the common good, are CO₂ friendly, and take the local framework conditions into account.

Schubert Room 6 (1st floor)

14.00 **Vertical farming and the sustainable city**

(German)

vertical farm institute founder Daniel Podmirseg conducts research on the thematic complex of energy efficiency and food supply. In the introductory keynote speech, he will explain the connections between resource scarcity and urban food production. Key questions are:

Where does our food come from? What kind of energy, and how much of it, is needed to produce it? How much land area is needed for it, and where should it be located? What role does food play in the total energy balance of cities? How much development can be expected in the next fifty years? And what specific contribution can vertical farms make towards securing our future?

A workshop will be then held, the aim of which is to elaborate, with assigned roles, the pros and cons of a vertical farm in cities. Who would support such a development, what resistance can be expected, and how can a community position itself in a unique way with a vertical farm?

15.30 **Coffee Break**

Schubert Room 5 (1st floor)

16.00 **Interactive Game Zone**

(German/
English) The following games will be offered, and visitors are invited to participate or watch:

- Smart City Hopping
- Pocket Mannerhatten Ottakring
- Mobility Safari

Schubert Room 6 (1st floor)

16.00 **Living Labs – Learn about the Living Labs and their experiments in urban development!**

(English)

Urban Living Labs are not only arenas for innovation and transformation, but also constitute real-life experimentation areas for urban development. The participation and cooperation of citizens, businesses, and city administration in such Urban Living Labs offers diverse potential for rethinking and sustainably changing urban planning and development.

The session offers an overview of current Urban Living Lab approaches and models, as well as the opportunity to come into contact with specific Labs and exchange experiences.

Keynote:

Timo von Wirth (Erasmus University Rotterdam)

Other Living Labs:

- Alexandra Janze (URB@Exp Project – City of Leoben)
- Thomas Drage (URB@Exp City of Graz and SMARTERLABS – City of Graz)

Urban Mobility Labs:

- Martin Posset (University of Natural Resources and Life Sciences, Vienna (BOKU Wien))
- Christian Haider (University of Applied Sciences (FH Steyr))
- Christoph Kirchberger (Vienna University of Technology (TU Wien))

Moderator:

Hans-Günther Schwarz

17.30 **End of the 2nd day**

February 28, 2018 14.30 – 18.00 & **March 1, 2018** 09.00 – 12.30

Expo Area (Ground Floor)

Smart City Hopping – the smart cities game of the Climate and Energy Fund hosted at the Urban Future Global Conference 2018

All visitors will be included in the game for the first time ever! 12 playing field carpets will symbolize European Smart Cities that have already implemented diverse measures in order to be or become more sustainable, greener, more efficient, more progressive, and more liveable as urban environments. Up to 12 participants will hike around the playing field with their backpacks, and on their journey they will answer knowledge questions about sustainable urban development. The winners of the rounds will receive a gift.

On **March 2, 2018**, numerous excursions will be offered by the Urban Future Global Conference. You can find the latest details at <https://www.urban-future.org> in the event program.