

## Side Event

### Trends & Challenges in Smart City Development: Experiences from Vienna

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10. May 2017, 9:30 – 11:00 | Room: C1, Vienna International Centre

The Global Forum on Sustainable Energy (GFSE) in cooperation with Energy Center Wien, the City of Vienna, the Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMLFUW) and the Austrian Development Agency (ADA), is organizing the VEF Side Event: “Trends & Challenges in Smart City Development: Experiences from Vienna”.

#### CO-ORGANIZERS

Global Forum on Sustainable Energy (GFSE)  
Energy Center Wien, TINA Vienna GmbH  
City of Vienna, Department for Energy Planning  
Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (BMLFUW)  
Austrian Development Agency (ADA)

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#### NARRATIVE

More than half of the world's population lives in urban settings and cities will therefore play an integral role in the sustainable development agenda. Sustainable Development Goal (SDG) 11 recognizes the critical role of urbanization in sustainable development, but urging actors to make cities and human settlements inclusive, safe, resilient and sustainable. This trend offers increasing opportunities for actors at local, regional, national and international levels to work together to develop more inclusive and integrated pathways to city and urban planning development. Cities around the world are coming up with innovative solutions to integrate urban land use, transport, energy, and housing policies, to improve the lives of their citizens.

The city of Vienna is internationally renowned not only for its high standard of living, but also for being a very livable "smart" city. The Smart City Wien, a long-term initiative by the City of Vienna, is a strategic and overarching effort to improve the design and development of Austria's capital. As a result of the rapid growth of the city, Vienna constantly has to face the challenge of balancing rising demand for energy, affordable housing and public transportation options, while reducing greenhouse gas emissions. Experts from the City of Vienna have extensive experience related to smart urban planning and can help identify specific challenges and opportunities of cities in developing countries, which are now aiming to become smart cities.

The event aims to encourage vivid exchanges between city representatives and experts from all over the world on how to make cities smart, sustainable and livable for their inhabitants. It will look at the concept of a smart city from various perspectives and contexts to discuss common challenges. The example of the City of Vienna, from city strategy and policy as well as infrastructure planning to concrete examples and technological solutions, will be showcased during this side event. Through this dialogue, good practices and lessons learned for various smart and sustainable cities around the world, especially in developing countries, can be identified. The side event contributes to the debate of Panel III “Sustainable Cities and Communities”.

### KEY QUESTIONS

What is Smart City Vienna? How does a smart city such as Vienna approach and pursue decarbonisation? What does this mean for long-term infrastructure planning? What does this mean for concrete development projects? What technological and service options can be offered? What are some challenges that developers from the City of Vienna experienced during the planning of a smart city? What are the specific challenges and opportunities of cities in developing countries, and how can they evolve to become smart cities? How does the concept of smart cities differ in various contexts (small cities, mega cities, industrial countries, developing countries and emerging countries)? What lessons from the City of Vienna can be applied to the development of other smart cities around the world?

Moderator: Ambassador Dr. Irene Giner-Reichl

<b>Trends &amp; Challenges in Smart City Development: Experiences from Vienna</b>	
<b>10. May 2017, 9:30 – 11:00, Room: C1, Vienna International Centre</b>	
<b>10 min</b>	<b>Opening and Welcome Addresses</b>
	Ms. Irene Giner-Reichl, Austrian Ambassador to the People’s Republic of China and Mongolia, President of GFSE and Vice-Chair of REN21
<b>70 min.</b>	<b>Panel Discussion</b>
	Short Video on Smart City Vienna <ul style="list-style-type: none"> <li>• Ms. Ina Homeier, Project Leader “Smart City Wien”, Smart City Coordination MA 18, City of Vienna</li> <li>• Mr. Lukas Lang, Project Manager, wien3420</li> <li>• Mr. Edison Masereka, Manager Business Development and Research, Strategy Management &amp; Business Development Department, Kampala Capital City Authority</li> <li>• Mr. Carel Snyman, General Manager of Cleaner Mobility Programme, South African National Energy Development Institute (SANEDI)</li> <li>• Mr. Richard Woschitz, CEO, Woschitz Group</li> </ul>
<b>10 min</b>	<b>Closing Remarks &amp; Wrap-Up</b>
	Ms. Irene Giner-Reichl, Austrian Ambassador to the People’s Republic of China and Mongolia, President of GFSE and Vice-Chair of REN21