



Financing Smart Sustainable Cities

Forum Liechtenstein

7-8 November 2016



L I E C H T E N S T E I N



Invitation

At the kind invitation of the Government of the Principality of Liechtenstein, the United Nations Economic Commission for Europe (UNECE), the Organization for International Economic Relations (OiER) and the Austrian Economic Centre are organizing the **Smart Sustainable Cities Financing Forum Liechtenstein** from 7 to 8 November 2016 in Liechtenstein.

The main objectives of this Forum are:

- to identify sources of funding and opportunities for financing and implementing smart sustainable urban solutions;
- to bridge the gap between investors and cities by determining practical solutions to facilitate the transition into smart sustainable cities;
- to discuss business models and good practices for financing smart sustainable cities;
- to determine the role of standards and key performance indicators (KPIs) to monitor economic growth.

The participation to the event is free of charge. Please, register [online](#) not later than **1 November 2016**.

For more information on the event, please contact:

OiER

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Smart Sustainable Cities Financing Forum Liechtenstein

7-8 November 2016

Ruggell, Liechtenstein

Draft program

Monday – 7 November	
08:00 – 09:00	Registration
09:00 – 09:30	<p>Welcoming remarks</p> <ul style="list-style-type: none"> • H.E. Adrian Hasler, Prime Minister of Principality of Liechtenstein • Ivonne Higuero, Director, Forests, Land and Housing Division United Nations Economic Commission for Europe (UNECE) • Kari Aina Eik, Secretary General, Organization for International Economic Relations (OiER)
09:30 – 10:15	<p>Keynote Speech 1 - Prof. Dr. Peter Droege, CEO, Liechtenstein Institute for Strategic Development – <i>“Intelligent infrastructure for smart sustainable cities and regions: a systemic view on finance”</i></p> <p>Keynote Speech 2 – Domenica Carriero, Smart Cities Program Coordinator, Organization for International Economic Relations (OiER) – <i>“Towards smarter and sustainable cities worldwide: the United for Smart Sustainable Cities Initiative and the United Smart Cities program”</i></p>
10:15 – 10:45	Coffee break
10:45-11:45	<p>Session 1: Setting a roadmap for smart sustainable city monitoring</p> <p>The session will focus on how to enhance the economic growth and investments of the cities through their assessment, by measuring their performances and strengthening connections between city evaluation systems.</p> <p>Keynote speaker and moderator – Barbara Kolm, Director, Austrian Economic Centre (AEC) – <i>“From Evaluation to Results - the balancing act between hard and soft facts”</i></p> <p>Panelists</p> <ul style="list-style-type: none"> • John Smiciklas, Director, Energy and Environment for Building Owners and Managers Association of Canada (BOMA Canada) – <i>“Background and Update on the development of KPIs for Smart Sustainable Cities to meet SDGs”</i> • Andreas Littkopf, European Topic Center on Urban, Land and Soil Systems Manager, Environment Agency Austria - <i>“Many roads lead to</i>

	<p><i>sustainability, but how to measure?"</i></p> <ul style="list-style-type: none"> • Tomas Llorente, Smart Cities Metrics Coordinator, AENOR - Ministry of Energy, Tourism and Digital Agenda, Spain – <i>"Territorial Optimization Modelling" (methodology to improve public service's efficiency and financing)"</i> <p>Q&A</p>
11:45-12:45	<p>Session 2: Finance options for city infrastructure</p> <p>The session will aim at bridging the gap between finance institutions, investors and cities. It will as well focus on determining practical solutions to increase investment in smart sustainable cities.</p> <p>Keynote speaker and moderator – Marco van Waveren, Senior advisor - impact investing and asset management - <i>"The evolving spectrum of financing options for smart city projects"</i></p> <p>Panelists:</p> <ul style="list-style-type: none"> • Alf Henryk Wulf, CEO of the German country unit, GE Power - <i>"Investing in Urban Sustainability: The Role of Clean, Modern Energy Technologies"</i> • Michel Frommé, Head, Philips Lighting Capital – <i>"The financing of Smart Sustainable City projects; successes and challenges"</i> • Mithat Külür, Board Member and Program Director, Organization for International Economic Relations (OiER) – <i>"Smart City Investment Project Facility"</i> <p>Q&A</p>
12:45-14:00	Lunch
14:00 – 15:00	<p>Session 3: Case studies of financing innovation</p> <p>The session will focus on good practices and examples from cities and other stakeholders of financing innovation and innovative solutions for smart sustainable cities.</p> <p>Moderator: KENZA Kbabra, President, Smart City Initiative for Africa – <i>"Financing Innovation: Africa Landscape and Case Studies"</i></p> <p>Panelists:</p> <ul style="list-style-type: none"> • Karen Vancluysen, Secretary General, Polis – <i>"Challenges and opportunities for investing in smart urban mobility solutions"</i> • Petr Suska, Senior Project Manager, Urban Governance Innovation, Fraunhofer – <i>"Financing the Smart City"</i> • Oksana Remiga, Local governance specialist, DA, Istanbul regional Hub, UNDP – <i>"Smart Cities: From Idea to Implementation"</i> <p>Q&A</p>
15:00- 15:30	Coffee break
15:30 – 16:30	<p>Session 4: Identifying the financing sources</p> <p>Financing smart sustainable cities: opportunities for funding, financing and implementing smart sustainable urban solutions and infrastructure</p>

	<p>Moderator - John Smiciklas, Director, Energy and Environment for Building Owners and Managers Association of Canada (BOMA Canada)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Carlos Carrasco-Farré, Researcher, IESE Business School, and Research Fellow, UNECE Center of Excellence on PPP for Cities, Spain - <i>“Economic and Financial analysis for Smart Cities: the case of GrowSmarter”</i> • Martin Stadelman, Practice Leader on Green Finance and Cities, South Pole Group - <i>“Green Bonds - innovative financing for smart cities”</i> • Alexander Auböck, Senior Finance Expert, JASPERS/European Investment Bank - <i>“Support for cities projects – grants, PPPs, finance”</i> <p>Q&A</p>
16:30 – 17:00	Wrap up day 1: Barbara Kolm, Director, Austrian Economic Centre (AEC)
19:30	<p>Dinner hosted by the Government of Liechtenstein</p> <p>with welcome address by H.E. Aurelia Frick, Minister of Foreign Affairs, Education and Culture, Principality of Liechtenstein</p>

Tuesday - 8 November

09:30 – 09:40	Opening remarks
09:40 – 11:00	<p>Session 5: Case studies of financing innovation at city level</p> <p>Follow up - Moderated Discussion on infrastructure financing to facilitate optimal processes between supply and demand</p> <p>Moderator: Prof. Dr. Peter Droege, CEO, Liechtenstein Institute for Strategic Development</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Igor Kos, Investment Projects Coordinator, Mayor’s Office, Maribor, Slovenia – <i>“Maribor wastewater treatment plant”</i> • Thomas Schubert, Manager, Urban Ropeway Projects, Leitner Ropeways, Italy and Charlotte Riche, Project Finance Manager, Poma Vorappe, France - <i>“Urban Ropeways - a Solution Provider for Congested Cities”</i> • Ilker Cumbul, CEO of Halatlı Taşımacılık and Bursa Teleferik, Turkey– <i>“New era of transportation for Smart Cities”</i> • Stephan Weissenbacher, Export Manager, Waste Management and Recycling, SSI Schäfer – <i>“Challenges and Best Practice Solutions for Modern Waste Management”</i> <p>Q&A</p>
11:00-11:15	Coffee Break

11:15 – 12:30	<p>Session 6: Incentivizing private investment</p> <p>Use the national legal and regulatory frameworks to incentivise private investment and unlock revenues for smart sustainable cities (to generate resources from industry and/or PPP for smart cities)</p> <p>Keynote speaker and moderator: Lawrence Walters, Emeritus Professor of Public Management and Policy, Brigham Young University – <i>“Can we both incentivise private investment AND unlock revenues for smart, sustainable cities?”</i></p> <p>Panelists:</p> <ul style="list-style-type: none"> • Nicole Wirz Schneider, dipl. Architect Urban Planner ETH; owner of raumplan wirz gmbh and National Delegate of Switzerland for ISOCARP – <i>“How can we make cities smarter?”</i> • Peter Pongratz, Head of Projects, Triple-A – <i>“Smart City Project metrics”</i> • Andrei Muntean, Head of the Economic Governance Unit, Organization for Security and Co-operation in Europe (OSCE) - <i>“The role of international organizations in incentivizing private investment: practical examples and models of success”</i> • Amitabh Metha, Director, Innovative Finance, Fundraising Strategy & Corporate Partnerships, Indus Blue Consulting – <i>“Exploring Innovative Mechanisms for Financing Smart Cities: Innovations from the health sector”</i> <p>Q&A</p>
12:30-13:30	Lunch
13:30-14:30	<p>Session 7: The way after Quito</p> <p>The strategic contribution from the financial sector to the implementation of the SDGs and in shaping the cities of today and tomorrow</p> <p>Keynote speaker and moderator: Ivonne Higuero, Director, Forests, Land and Housing Division United Nations Economic Commission for Europe (UNECE) – <i>“Towards a city-focused, people-centred and integrated approach to the New Urban Agenda”</i></p> <p>Panelists:</p> <ul style="list-style-type: none"> • Maria-Lluisa Marsal, Future Cities Catapult, UK – <i>“U4SSC WG1’s Future Living Framework in the New Urban Agenda”</i> • Natallia Hubs kaya, Project Manager, UNDP/GEF Project “Supporting Green Urban Development in Small and Medium-Sized Cities in Belarus (Green Cities)”, UNDP Belarus – <i>“Making cities in Belarus greener”</i> <p>Q&A</p>
14:30 – 15:00	<p>Endorsement of the Vaduz Declaration and conclusions</p> <ul style="list-style-type: none"> • Ivonne Higuero, Director, Forests, Land and Housing Division United Nations Economic Commission for Europe (UNECE) • Kari Aina Eik, Secretary General, Organization for International Economic Relations (OiER)