



UNECE



# Forum on “Shaping smarter and more sustainable cities: striving for sustainable development goals”

## Programme

### DAY I: 18 MAY 2016

09:00 – 09:30	<b>Registration</b>
09:30 – 10:30	<p><b>OPENING REMARKS</b></p> <ul style="list-style-type: none"> <li>▪ <b>H.E. Sen. Antonio Gentile</b>, Undersecretary of State of the Ministry of Economic Development, President of the Italian Task Force for Smart Cities, Italy</li> <li>▪ <b>Malcolm Johnson</b>, Deputy Secretary General, ITU</li> <li>▪ <b>Gulnara Roll</b>, Head, Housing and Land Management Unit, UNECE</li> <li>▪ <b>Valter Giammaria</b>, President, Tecnoborsa</li> <li>▪ <b>Sen. Vincenzo Gibiino</b>, President OPMI, Member of the Parliament, Italy</li> </ul>
10:30-11:30	<p><b>Session 1 – Creating Smart Sustainable Cities: framing the concept</b></p> <p><i>Making a city “smart” and “sustainable” is emerging as a strategy to tackle problems generated by indiscriminate urbanization. To close the gaps in the research about smart sustainable cities, this session will examine the smart sustainable city concept and will consolidate the available knowledge on this topic.</i></p> <p><b>Moderator:</b> <i>Cristina Bueti</i>, Advisor, ITU “<i>Making our cities smarter and more sustainable</i>”</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>▪ <b>H.E. Daiva Matoniene</b>, Vice-Minister of the Environment, Lithuania “<i>Energy-efficient buildings: barriers and opportunities. Lithuanian practical example</i>”</li> <li>▪ <b>Giampiero Bambagioni</b>, Chairman, UNECE Real Estate Market Advisory Group (REM) “<i>Holistic planning of the characteristics, services and sustainability of the continuing transformation of cities and territories to lead the way to economic and social development and improving the quality of life of citizens</i>”</li> <li>▪ <b>Hazem Galal</b>, Partner PwC, Cities and Local Government Global Leader “<i>Urban competitiveness and the future of urban services</i>”</li> <li>▪ <b>Daniel Sanz</b>, Key Account Manager for Smart Cities, Libelium “<i>How traveling and tourism are impacting on the rise of smart cities</i>”</li> <li>▪ <b>Giampiero Nanni</b>, Government Affairs EMEA, Symantec “<i>Ensuring Smart Cities’ resilience through a robust cyber security posture</i>”</li> </ul> <p>Q&amp;A</p>

11:30-11:50	Coffee Break
11:50-13:15	<p><b>Session 2 – Smart sustainable cities: a rising priority for decision-makers</b></p> <p><i>Urban administrators around the world are facing the daunting question of whether to promote cities as drivers of economic growth or to pay heed to issues such as increasing population, resource overuse and dependence in cities. Accordingly, this session will highlight new more efficient ways of operating smart sustainable cities using information and communications technologies for city stakeholders to curb urban development issues.</i></p> <p><b>Moderator:</b> <b>Stefano Scalera</b>, Councillor, Ministry of Economy and Finance, Italy</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Francisco Javier García Vieira</b>, Director, Digital Public Services Department, Spain “<i>Smart Cities in Spain</i>”</li> <li>▪ <b>H.E. Dr. Aisha Bin Bishr</b>, Director General, Smart Dubai Office “<i>Transforming cities for people’s happiness</i>”</li> <li>▪ <b>Dr. Massimo Seri</b>, Mayor, Fano, Italy “<i>Smart city and the city of children</i>”</li> <li>▪ <b>Raffaele Paci</b>, Vice President, Sardinia Region, Italy “<i>The innovation system in the regional policy of Sardinia</i>” and <b>Luigi Filippini</b>, President of CSR4, Center for Advanced studies, research and development in Sardinia “<i>Sardinia: from smart cities to a smarter island</i>”</li> <li>▪ <b>Vitalii Lukov</b>, Mayor of Voznesensk, Ukraine “<i>Sustainable development of small cities</i>”</li> </ul> <p>Q&amp;A</p>
13:15-14:15	Lunch
14:30-15:30	<p><b>Session 3 – The smart sustainable city journey: promoting SSC at the national level</b></p> <p><i>Smart sustainable city transitions require an integrative framework that can be used to examine how national governments are envisioning smart city initiatives. This session will analyze the importance of devising a framework for smart sustainable cities, which can assist with the practical deployment of smart services in cities and the setting of feasible national urbanization goals.</i></p> <p><b>Moderator:</b> <b>Kari Aina Eik</b>, Secretary General, Organization for International Economic Relations (OiER)</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>▪ <b>H.E. Vyacheslav Negoda</b>, Deputy Minister of Regional Development, Ukraine “<i>Creation of Smart Cities - Enabling sustainable development of public spaces in Ukraine</i>”</li> <li>▪ <b>Romina Pierantoni</b>, President, Union of Municipalities, Marche, Italy “<i>Micro Smart Cities and promotion of the development in broad area (Smart Land)</i>”</li> <li>▪ <b>Andrea Gumina</b>, Italian Task Force for Smart Cities, Cabinet Office of the Italian Minister of Economic Development “<i>Smarter, Sustainable Cities as a source of Growth and Competitiveness</i>”</li> <li>▪ <b>Beatriz Corredor</b>, Director of Institutional Relations, College of Registrars, Spain “<i>People’s first</i>”</li> <li>▪ <b>Petra Oberrauner</b>, Deputy Mayor, City of Villach, Austria “<i>Villach - Sustainability and longterm energy strategy</i>”</li> <li>▪ <b>Nando Mismetti</b>, Mayor, Foligno, Italy “<i>Foligno, City-Lab</i>”</li> </ul> <p>Q&amp;A</p>

15:30-16:30	<p><b>Session 4 – Partnering to build the cities we want: an international perspective</b></p> <p><i>Cities all over the world are attempting to respond to a myriad of pressures including population growth, environmental pollution and climate change by seeking new more efficient ways of establishing smart sustainable cities by operating through information and communications technologies. For the smooth transition to smart sustainable cities, it is necessary to identify and map the different international stakeholders involved thereby fostering broad cross-sectoral engagement and smooth implementation of smart city strategies. This session will examine the potential of international partnerships in the establishment of smart sustainable cities.</i></p> <p><b>Moderator:</b> <b>Flavio Cucchietti</b>, Chairman, WP2/20, ITU-T SG20 "IoT and its applications including smart cities and communities (SC&amp;C)" "<i>Driving the Internet of Things to shape smart and sustainable cities</i>"</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Giorgio Spaziani Testa</b>, President, Confedilizia, Italy "<i>Il punto di vista dei proprietari di immobili</i>"</li> <li>▪ <b>Alessandro Cozzi</b>, Country Director Enterprise Business Group Huawei Technologies, Italy "<i>Huawei Strives to Accelerate Digital Transformation and Jointly Build a Better Connected World</i>"</li> <li>▪ <b>Ruslan Rakhmatullin</b>, European Commission (DG JRC, IPTS, Smart Specialisation Platform) "<i>Examining the use of peer review in the development of integrated sustainable urban development strategies</i>"</li> <li>▪ <b>Dario Petri</b>, IEEE Smart cities initiative, University of Trento "<i>The IEEE Smart Cities Initiative</i>"</li> </ul> <p>Q&amp;A</p>
16:30-17:00	<b>WRAP-UP FOR DAY I</b>

## DAY II: 19 MAY 2016

8:30-09:15	<b>Registration</b>
9:15-10:30	<p><b>Session 5 – The future at stake: smart solutions and sustainable ambitions for the cities of tomorrow</b></p> <p><i>The investments in digital infrastructure for smart sustainable cities are designed to improve the built environment and confront the challenges of urbanization. From promoting the building of energy efficient buildings to creating intelligent transport networks and establishing e-health networks, cities are seeking to become "smarter" and more sustainable by using an ICT-based network for the delivery of urban services. This session will conduct discussions on the various services a smart sustainable city should be equipped with to improve the quality of life of its citizens.</i></p> <p><b>Moderator:</b> <b>H.E. Mr. Riccardo Nencini</b>, Vice Minister, Ministry of Infrastructures and Transport, Italy</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Franco Cotana</b>, Professor, University of Perugia, Italy "<i>Implementation of circular economy and physical internet for the cities of tomorrow</i>"</li> <li>▪ <b>Gabriela Styf Sjoman</b>, CTO, Telecom Italia "<i>Smart and Sustainable Cities</i>"</li> <li>▪ <b>John Polak</b>, Professor, Imperial College "<i>Key challenges, opportunities and barriers in urban transport</i>"</li> <li>▪ <b>Alexey Ershov</b>, Vice President, Smarter Cities Europe, IBM Corporation "<i>Cities in the cognitive era</i>"</li> <li>▪ <b>Pierre Jean Coulon</b>, President, TEN Section, EESC</li> <li>▪ <b>Mario Bozzo</b>, Director, IBI Group "<i>Key Areas Cities Need to focus on to be fit for the Future</i>"</li> </ul> <p>Q&amp;A</p>

10:30-11:30	<p><b>Session 6 – Measuring Smart Sustainable Cities</b></p> <p><i>Cities and municipal administrations before they embark on a smart sustainable city journey, need to develop strategies and understand the progress related to the use of ICT for making cities smarter and more sustainable. This session will exclusively present the first international list of key performance indicators and standards developed by ITU and UNECE to assist with the evaluation of ICT’s contributions in making cities smarter and more sustainable and also help each city quantify their smart city achievements by bringing all cities on a level playing field.</i></p> <p><b>Moderator: Paolo Gemma</b>, Chairman, WP3/5, ITU-T Study Group 5 “Environment and Climate Change” <i>“Striving to achieve SDGs through international standards”</i></p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>▪ <b>H.E. Ms. Silvia Fregolent</b>, Member of the Parliament, Italy</li> <li>▪ <b>Domenica Carriero</b>, Project manager, Housing and Land Management Unit, UNECE <i>“United 4 Smart Sustainable Cities: shaping the cities of today and tomorrow”</i></li> <li>▪ <b>Gundula Prokop</b>, Senior Expert, Environment Agency Austria <i>“Draft ITU-T Recommendation on Key Performance Indicators for smart sustainable cities to assess the achievement of sustainable development goals”</i></li> <li>▪ <b>Pawel Stano</b>, European Commission (DG JRC, Econometrics and Applied Statistics) <i>“Cultural and Creative City Monitor: A tool to measure cultural and creative activities in Europe”</i></li> <li>▪ <b>Andrea Temporelli</b>, Junior Scientist, RSE, Italy <i>“Evaluating Smart Cities’ Sustainability: Smartainability”</i></li> </ul> <p>Q&amp;A</p>
11:30-12:00	Coffee Break
12:00-13:15	<p><b>Session 7 - Smart Sustainable Cities in the 2030 Sustainable Development Agenda: the Way forward</b></p> <p><i>Smart sustainable cities are able to mitigate the rising urban development problems while building resilience to disasters and adapting to climate change. This session will explore the features of smart sustainable cities which make them an ideal tool to drive the attainment of development and climate change related goals stipulated in the 2030 Sustainable Development Agenda.</i></p> <p><b>Moderator: Tatiana Khabarova</b>, Programme Manager in Russia, UN-HABITAT</p> <p><b>Speakers:</b></p> <ul style="list-style-type: none"> <li>▪ <b>Gulnara Roll</b>, Head, Housing and Land Management Unit, UNECE <i>“Smart Sustainable Cities in the 2030 Sustainable Development Agenda: the way forward”</i></li> <li>▪ <b>Tonilyn P. Lim</b>, Industrial Development Officer, Energy Department, UNIDO <i>“Sustainable cities: Hubs of Innovation, Jobs, Industrialization and Climate Action”</i></li> <li>▪ <b>Irina Ilyina</b>, Director of the Regional Research and Urban Planning Institute of the Moscow Higher School of Economics <i>“Assessment of the potential of Russian cities to transition to the Smart City Model”</i></li> <li>▪ <b>Roman Mendle</b>, Smart Cities Programme Manager, ICLEI <i>“Smartness is a Means, Sustainability is the Goal”</i></li> <li>▪ <b>Dario Manna</b>, (Capitale Lavoro S.p.A.): Chief Operating Officer "Porta Futuro – Città Metropolitana di Roma Capitale" <i>“Managing the geographical labour mobility as a strategic tool to make communities more competitive”</i></li> <li>▪ <b>Christian Schwingenschlögl</b>, Project Manager of City Intelligence Platform, Siemens <i>“Urban Infrastructure Digitalization – Ingredients for Liveable, Efficient and Resilient Cities”</i></li> </ul> <p>Q&amp;A</p>

13:15-14:00	<b>CLOSING SESSION: Wrap-up and next steps</b> <ul style="list-style-type: none"><li>▪ <b>Malcolm Johnson</b>, Deputy Secretary General, ITU</li><li>▪ <b>Gulnara Roll</b>, Head, Housing and Land Management Unit, UNECE</li><li>▪ <b>Giampiero Bambagioni</b>, Tecnoborsa</li></ul>
14:00-15:00	Lunch