



Forum on

"Shaping smarter and more sustainable cities: striving for sustainable development goals"

18-19 May 2016, Rome

Speakers

18 May 2016

Opening session



H.E. Sen. Antonio GENTILE,

Undersecretary of State of the Ministry of Economic Development,
President of the Italian Task Force for Smart Cities, Italy

Married, two children. Executive of the National Health Service's ASL in Cosenza since 1980, free-lance journalist, he was elected Senator for the first time in the 2001 general election in the Cosenza constituency, where he stood for the Casa delle Libertà coalition. He has been Secretary of the Treasury and Finance Committee and member of the Parliamentary Enquiry Committee on mafia-type organised crime. He was reelected in the 2006 general election with Forza Italia in Calabria, and has been reconfirmed for a third mandate in the following election in 2008, where he stood for the Popolo delle Libertà. On 5 May 2011 he was appointed Undersecretary of State at the Ministry of the Economy in the Berlusconi IV Cabinet. He was reelected in the 2013 general election and was appointed Secretary of the Senate for the Popolo delle Libertà. On 16 November 2013, following the suspension of the activities of the Popolo delle Libertà party and the relaunch of Forza Italia, he joined the Nuovo Centrodestra party led by Angelino Alfano, for which he became Regional Coordinator for Calabria. He is a member of the Parliamentary Committee for Childhood and Adolescence. In February 2016 he was appointed Undersecretary of State at the Ministry of Economic Development.



Christian Friis BACH

Executive Secretary,
UNECE

On 9 July 2014, the Secretary-General appointed Mr. Christian Friis Bach of Denmark as the next Executive Secretary of UNECE. Mr. Bach brings to the position a combination of deep knowledge in international economy and development affairs coupled with innovative and results-oriented leadership.

Mr Bach came from a position as Member of the Danish Parliament and Head of the Parliamentarian Group for the Danish Social/Liberal Party. He previously served as Denmark's Minister for Development Cooperation (2011-2013) and Special Advisor to the European Union Commission for the United Nations Global Sustainability Panel (2010-2011). He is Honorary Professor of International Economics and Development at the University of Copenhagen (2009-2014) and has been Associate Professor in International Economics and Development Economics, the Royal Veterinary and Agricultural University (1999-2005).

Mr. Bach has a long history with civil society, notably as the International Director for the DanChurchAid (2005-2010) and as Chairman of the Danish Association for International Cooperation (1997-2001). He also has private sector experience from running a start-up company and has worked as a journalist at the Danish Broadcasting Corporation. Mr. Bach holds a Ph.D. in International Economics (1996), an MSc in Agronomy (1992) from the Royal Danish Agricultural University in Copenhagen and a supplementary degree in Journalism from the Danish School of Media and Journalism. Born in 1966, Mr. Bach is married and has three children. The family lives on a small farm outside of Copenhagen.



Malcolm JONHSON

Deputy Secretary General, ITU

From 2007 to 2014, he served as Director of ITU's Telecommunication Standardization Bureau (TSB). In this post, he spearheaded activities in cybersecurity, climate change and accessibility. He increased the involvement of developing countries and academia in ITU's standards activities, introduced free downloading of ITU-T Recommendations, and initiated a programme to address developing-country concerns over lack of interoperability and conformity to ITU standards. He achieved a threefold increase in the activities of ITU's Telecommunication Standardization Sector without increasing its budget. Between 2003 and 2006, Mr Johnson was International Coordinator at the United Kingdom's Office of Communications (Ofcom), where he had lead responsibility for the United Kingdom in ITU and in CEPT. From 1992 to 2003, he was Director of the United Kingdom's Radiocommunications Agency and European Coordinator for WRC-93, WRC-95 and WRC-97. Between 1988 and 1992, he worked in the European Commission's Telecommunication Regulations Division, where he represented the Commission in the Council of the European Union, EU Parliament, CEPT and ITU. Born in Trallwng, Wales, United Kingdom, Mr Johnson graduated from the University of Wales, Cardiff, with MSc and BSc (1st class honours) degrees in 1976. He is a Chartered Engineer, a Fellow of the Institution of Engineering and Technology, an Honorary Professor of Amity University and an Academician of the International Telecommunication Academy. He is fluent in English and French, and has some knowledge of Spanish.

Session 1 – Creating Smart Sustainable Cities: framing the concept



Cristina BUETI
Advisor, ITU

Cristina Bueti is Advisor of ITU-T Study Group 20 “Internet of Things (IoT) and applications, smart cities” and of ITU-T Study Group 5 “Environment and Climate Change” at the International Telecommunication Union (ITU). She is responsible for ITU-T’s activities on IoT and smart sustainable cities. She is the ITU focal point for environment and climate change including e-waste management. She also serves as TSB focal point for Latin America. Cristina Bueti graduated from the Faculty of Political Science, Law and International Cooperation and Development of the University of Florence, where she completed postgraduate studies in International Cooperation and Telecommunications Law in Europe. She also holds a specialization in Environmental Law with a special focus on Telecommunications. In 2003, Ms. Bueti built on her academic credentials by completing a specialized course in peace keeping and international cooperation with special focus on telecommunications at the Faculty of Laws, University of Malta, before joining the International Telecommunication Union in Geneva in January 2004. She has authored over 40 reports on telecommunication issues. A native Italian speaker, Cristina is also fluent in English, French and Spanish.



Ms. Daiva MATONIENE
Vice-Minister of Environment, Lithuania

Since 2012, Daiva Matoniene has held the position of Vice Minister, Ministry of Environment of the Republic of Lithuania, where she is responsible for construction and housing, urban design and architecture, planning and depths of earth sectors. Leadership on Program for modernization of multi-apartment buildings. Since 2010 has also been a member of the Lithuanian Delegation (COTER and ENVE) to the Committee of the Regions. Daiva Matoniene has an MBA in Economics and a Bachelor’s degree in Management & Business Administration from Siauliai University of Lithuania. From 2007 to 2012, she was Deputy Mayor in the Municipality of Siauliai, where she was responsible for environmental safety, economics, infrastructure, information technology and construction management. Awards: Prime minister of the Republic of Lithuania award Diplomas for achievements and results implementing Housing Renovation Program, President of the Republic of Lithuania Dalia Grybauskaite Medal of Honour for achievements in Lithuanian Presidency period, Minister of Environment Valentinas Mazuronis award for the fruitful work in Renovation of buildings.



Giampiero BAMBAGIONI,
Chairman,
UNECE Real Estate Market Advisory Group (REM)

Giampiero Bambagioni is Property Economist, University Lecturer of Evaluation of programmes and projects and Real Estate Finance in Master Courses (University of Rome "La Sapienza" and Perugia University), Expert in Housing and Land Management including Smart Cities Policies. He is Head of Scientific and International Activities of Tecnoborsa. Economic advisor for some relevant public and private Organizations at Italian and international level on the issues of the development, Housing and land management and economic policies, Valorization of public assets, appraisal and real estate finance, REITs, Non performing loans (NPLs). He is cooperating with UNECE since 2001. Member of the United Nations Economic Commission for Europe (UNECE) Real Estate Market Advisory Group (REM), since its constitution on 2008. Current UNECE REM Chair. Giampiero Bambagioni is author and co-author several scientific essays and articles, and scientific coordinator of research projects. Under his leadership has been elaborated – with the involvement of an international Task Force – the UNECE REM Policy Framework for Sustainable Real Estate Markets: Principles and guidance for the development of a country's real estate sector (2010). He holds a MSc in Economics; he obtained a Master in Business Administration (MBA). He has attended specialization Courses at the SDA Bocconi University (Milan) and from the Polytechnic University of Milano, Italy. He holds a Diploma in "European Public Management and Economic Policy" from Scuola Nazionale dell'Amministrazione (SNA) under the Presidency of the Council of Ministers (Italy). Member of Royal Economic Society, London.



Hazem GALAL
Partner
PwC, Cities and Local Government Global Leader

Hazem Galal is PwC's Cities and Local Government Sector Global Leader. With 25 years of consulting experience, Hazem has expertise in strategy formulation and implementation for cities and local government entities. Hazem worked with cities and state governments around the world such as New York, Colorado State, Al Madinah, Abu Dhabi, Dubai, Amsterdam, Moscow, Sochi, Rio de Janeiro, Singapore, Astana, Kuala Lumpur and Beijing, which gives him an edge of expertise in both developed and developing countries conditions. He was the co-chair for the World Business Council for Sustainable Development group that is contributed to the ISO standard for smart infrastructure and the project adviser for the World Economic Forum's upcoming research on the "Future Cities and Urban Services: Shaping the Future of Urban Development & Services". Since 2007, Hazem has been leading PwC's Thought Leadership around the world for cities and local governments. He also led PwC's flagship publication "Cities of Opportunity", comparing and benchmarking global cities and iUrban on urban competitiveness on the impact of transformational projects on cities. Hazem is a frequent speaker and moderator at global cities conferences and expert panels organized by the World Cities Summit, World Bank, World Islamic Economic Forum, the Asian Development Bank, the United Nations, the European Commission and other international bodies as well as local and national governments in developed and developing countries, including the BRICS. He has also been hosted as a cities experts on several occasions by leading media channels such as the BBC, CNBC, Russia Today and Channel News Asia. Hazem has an MBA from the University of California, Berkeley and a BSC in Computer Science/ Engineering

(Summa Cum Laude) from California State. He speaks fluent English, Arabic and Portuguese and can also communicate in Spanish.



**Giampiero NANNI,
Government Affairs EMEA, Symantec**

Giampiero Nanni, in his Government Affairs EMEA role at Symantec, collaborates with governments and security agencies in EMEA, as well as international organizations like ITU, OECD and OSCE, on policies for cybersecurity, data privacy, critical infrastructure protection and 'Internet of Things'. He also leads the discussion around Smart Cities and their need for cyber-security, data protection and resilience, having pioneered and formalized a conceptual approach for it, in the Executive Report "Transformational smart cities: cyber security and resilience" (2013). Giampiero led the "Technical Report on cyber-security and resilience", published earlier in 2015 in the context of the ITU-T Smart Sustainable Cities Focus Group, and is currently Rapporteur within the Study Group 20 "Internet of Things and its applications, including smart cities and communities". Previous appointments include Microsoft, IBM, Cisco, mainly in Public Sector strategy roles.



**Daniel SANZ
Key Account Manager for Smart Cities, Libelium**

Daniel Sanz is Libelium's Key Account Manager for Smart Cities, working and focusing worldwide on market growth and business development. Daniel Sanz studied Business Administration at Zaragoza University. After finishing his postgraduate degree he decided to specialize in Risk Finance and International Business in The Netherlands, at NHL University Leeuwarden. He began his career at Libelium in Customer Service giving support to Sales department too. After that, he advanced to Account Manager and Project Qualifier to finally become in Key Account Manager for Smart Cities. Nowadays, he is constantly working with companies from different sectors to develop projects in city environments as air quality, noise mapping, traffic management and smart parking

Session 2 – Smart sustainable cities: a rising priority for decision-makers



Stefano SCALERA

Councillor
Ministry of Economy and Finance, Italy

Stefano is board member of TELT SaS, the company in charge of building the railway tunnel to connect Turin to Lyon, of INVIMIT SGR SpA, the investment managing company that focus on public real estate value added transactions and European Investment Bank (EIB). He is member of the Bureau of the Housing and Land Management Committee at the UNECE. Prior to this, he was the Head of the Agenzia del Demanio (Italian State Property Agency). From July 2008 to October 2011 he was Executive General Manager in charge of the state assets management policies within the Department of Treasury. In 2008, he was Secretary-General of the Authority for the Supervision of Public Contracts for Works, Services and Supplies. He was Head of the Technical Secretariat of the Ministry of Economy and Finance from 2005 to dic-2007. Author of various publications on the subject of financial markets and reale state, his research interest include Public debt, e-procurement and Europe Integration.



Francisco Javier GARCIA VIEIRA

Director,
Digital Public Services Department, Spain



Francisco Javier García Vieira was born in Cádiz, Spain, in 1969. He holds a Telecommunication Engineering degree (Universidad Politécnica de Madrid), and a PDD in Management by IESE Business School (Universidad de Navarra). He joined Red.es in 2003, after eight years of experience in the private sector, including Telefónica and a technology start up. In Red.es he has been involved in the public policies intended to foster Information Society in Spain, in areas such as Education, Healthcare, Small and Medium Size enterprises and Cities. In 2013, he was appointed Director of Digital Public Services.



H.E. Dr. Aisha BIN BISHR

Director General
Smart Dubai Office

Dr. Aisha Bin Bishr is the Director General of the Smart Dubai Office, the government entity charged with overseeing Dubai's citywide smart transformation, engaging with leadership in the public and private sector to make Dubai a global benchmark smart city. Prior to her appointment as Director General of the Smart Dubai Office, Dr.Aisha Bin Bishr was Assistant Director General of the Executive Office, where she lead the Smart Dubai task force team from the time of the announcement of the Smart Dubai initiative in March 2014, to the formation of the Smart Dubai Office. Prior to that, Dr. Aisha worked in the Ministry of Labor as an Assistant Undersecretary for support services responsible for developing and implementing strategic management, partnership development and change management policies. With 20 years of experience in information, communication and technology (ICT) development in public and government sectors, she possesses analytical, coordination, communication and advocacy skills relating to ICT, public

	<p>reform trends and strategies. Dr. Aisha Bin Bishr holds a PHD in Management, Science, Technology and Innovation and Master of Philosophy (MPhil), Policy and Research on Engineering, Science and Technology from Manchester Business School. A Bachelor of Science (BS), Applied Science (Business Information Technology) from Higher Colleges of Technology , and a degree in Public Finance Management from Dubai School of Government as well as a graduate of Orchestrating Winning Performance from IMD. Dr. Aisha Bin Bishr is a graduate of a two-year young leaders program organized by Sheikh Mohammed Bin Rashid Centre for Leadership Development (MBRCLD). Dr. Aisha Bin Bishr has received many awards; the latest is Middle East Woman Leader in Corporate Management Excellence (2012). She has also received an award recognizing her role in enabling the smart city vision of His Highness Mohammed Bin Rashid, from the Swedish Embassy, Trade & Invest Council and Ericsson. Dr. Aisha Bin Bishr represents the Smart Dubai Initiative in many communities and conferences such as City Protocol Society as well as at the GSMA.</p>
	<p>Massimo SERI, Mayor, Fano, Italy</p> <p>Massimo Seri nasce a Schwyz (Svizzera) il 15 novembre 1964. Laureato in Scienze Politiche all'Università di Urbino, è Sindaco del Comune di Fano dove tra le altre mantiene la delega alla "Città dei Bambini". Precedentemente è stato Assessore della Provincia di Pesaro e Urbino con delega alle Politiche attive per il lavoro e la Formazione professionale, Ha ricoperto dal 1996 al 2008 il ruolo di consigliere d'amministrazione in un'azienda leader della grande distribuzione. Lo scorso aprile 2016 è stato eletto vice Presidente AICCRE MARCHE (Associazione Italiana per il Consiglio dei Comuni e delle Regioni d'Europa – sezione italiana della più grande associazione di Enti locali e regionali d'Europa, il CCRE) ed è componente della delegazione italiana che farà parte del Comitato Politico del CCRE, l'organismo dirigente che raggruppa 150.000 enti locali e regionali d'Europa. Da sempre attivo nel sociale e nel mondo dello sport, Massimo Seri è stato Presidente di Avis Fano dal 2005 al 2013 e Presidente del Panathlon Club di Fano per il biennio 2012-2013.</p>
	<p>Raffaele PACI Vice President, Sardinia Region, Italy</p> <p>Raffaele Paci was born in Sassari on 3 May 1955. In 1979 he graduated in Political Science at the University of Cagliari. Since March 2014 is councillor for economics in the Autonomous Region of Sardinia and Vice-president. He is on leave from the University of Cagliari (Italy) where he is full professor of Applied Economics and Jean Monnet Chair on "Regional Economic Integration in the European Union". Post graduate studies in University of Essex and Fulbright Visiting Scholar at Northeastern University, Boston. He has been Dean of the Faculty of Political Sciences at the University of Cagliari, Director of CRENoS (Center for North South Economic Research), board member of ICT and Biotech firms. He is work package coordinator in FP7 projects SEARCH and IAREG devoted to the analysis of the effects of innovation and intangible assets on regional performance. His main research interests are Innovative activity and externalities, Intangible assets, Spatial spillovers and their effects on Economic performance. His most recent papers appeared in Journal of Economic Geography, Industrial and Corporate Change, Economic</p>

	<p>Geography, Journal of Regional Science, Regional Studies, Applied Economics, Annals of Regional Science, European Planning Studies.</p>
	<p>Luigi Filippini, President Center for Advanced studies, research and development in Sardinia (CSR4)</p> <p>Luigi Filippini is currently President of CRS4. Established in 1990, CRS4 (Center for Advanced Studies, Research and Development in Sardinia) is an interdisciplinary research center promoting the study, development and application of innovative solutions to problems stemming from natural, social and industrial environments. Information Society, Technology and High Performance Computing are the supporting foundations. The main objective is innovation. Luigi Filippini is also CEO of Meridies Holding, Hosteras Tour Operator and member of the Expert Committee of Siparex Investimenti 2. Recently was Partner in JV2 Capital (now United Ventures). From 2000 to 2007 he has been CEO of Energ.it, a multiutility company operating in the energy, telecommunication and internet sectors. The company, founded and started-up by Meridies Holding in 2000, reached a turnover of more than 96 million euros with about 70 employees. From 1998 to 2000 Luigi has been CTO and COO at Tiscali, a telecommunications operator providing Internet and fixed-phone services in major European countries. He also had the responsibility for the initial public offering (IPO) of the company taking place in October 1999. Prior to joining Tiscali, Luigi worked for Telecom Italia, within Tin.it, its Internet Services Division, where he was involved in the integration of Video On Line and Telecom On line. From 1995 to 1996 he took part in the start-up of Video On Line, first european-wide commercial ISP. From 1992 to 1995 he worked at CRS4 in the Scientific Visualization and Digital Media group. Luigi holds a Laurea degree in Electronic Engineering from the University of Pisa.</p>
	<p>Vitalii LUKOV, Mayor of Voznesensk, Ukraine</p> <p>Mr. Vitalii Lukov was born on 28 July 1971. He graduated from Vinnytsia State Pedagogical University and Voznesensk State Agricultural College. He started his professional career as a teacher of physics and mathematics at high school. Later on he became a Principal of the Voznesensk boarding school. In 2005 he was appointed as a Director of Voznesensk College of Mykolayiv State Agricultural University. In 2010 Mr. Lukov was appointed as a First Deputy Mayor of Voznesensk. As of 2013 he was elected as a City Mayor of Voznesensk city and was re-elected for the post in 2015. Mr. Lukov is married, has two daughters and a son. Mr. Lukov initiated and supported creation of the Center for provision of administrative services in Voznesensk. He supports implementation of the project on "Electronic Document Flow in Voznesensk City Council" and actively promotes initiatives on socio-economic development and energy saving activities in the city.</p>

Session 3 – The smart sustainable city journey: promoting SSC at the national level



Kari Aina EIK

Secretary General
Organization for International Economic Cooperation, Austria

Kari Aina Eik is Norwegian and the Secretary General of the OIER – Organization for International Economic Relations, based in Vienna, Austria. OIER is a global business platform facilitating cooperation between enterprises, investors, governments, international organizations and funding institutions, www.oier.pro. Focus of the work is also to initiate business partnerships for development, especially in frontier markets. Kari Aina Eik has 15 years of experience working for UN agencies as Senior Management Advisor to advice and plan multi-national and multi-stakeholder program development, fundraising and strategic communication initiatives.



H.E. Mr. Vyacheslav NEGODA

First Deputy Minister of Regional Development, Construction and Housing and Communal Services, Ukraine

Mr. Viacheslav Negoda was born on 25 May 1957 in Borshchivka village Ternopil oblast, Ukraine. He graduated from Kyiv Civic Engineering Institute as an architect and then got his second degree from the Lviv National University as a Lawyer. Mr. Negoda started his professional career as an engineer at the Ternopil University and then headed the Ternopil Construction Bureau. In 1990 was elected as the Ternopil City Mayor and since 2006 acted as the Head of the Secretariat of Ukrainian Association of Local and Regional Councils. During 2006 – 2008 Mr. Negoda headed the Secretariat of the Committee of Verkhovna Rada of Ukraine on construction, regional policy and local self-governance. In 2014 he was appointed as the First Deputy Head of the Department on Cooperation between the Verkhovna Rada and the regional authorities of Ukraine. He was also acting as the Head of the Department on Expertise and Analysis of the Territorial Development and Election Rights of the Secretariat of the Cabinet of Ministers of Ukraine. Since 2014 he has been occupying the post of the First Deputy Minister of Regional Development, Construction and Housing and Communal Services of Ukraine.



Romina PIERANTONI

President, Union of Municipalities, Marche, Italy

President of the Union of Municipality Alta Valle del Metauro (Urbino, Fermignano, Urbania, Peglio, Sant'Angelo in Vado, Mercatello sul Metauro, Borgo Pace).

Mayor of Borgo Pace (Marche Region).

Member of the Coordination of smaller municipalities ANCI Marche.

Member and secretary of the Local Autonomy of the Council Presidency Marche Region

Degree in Political Science - International political orientation, University of Urbino "Carlo Bo"

Master in "Corporate Board Member for employability and quality of occupation" Faculty of Law, University of Urbino "Carlo Bo "

Master in "Guidance Processes and career counseling", Faculty of Science of Education at the Catholic University of Sacro Cuore, Milan



Andrea GUMINA

Counsellor of the Minister
Ministry of Economic Development, Italy

Born in 1976, married in 2007, since 2014 Dr Gumina serves as an Economic Counsellor at the Cabinet Office of the Italian Minister of Economic Development, advising on innovative industrial policies for Smarter Cities, Start-Ups, Smart Factories (Industry 4.0). He received his Degree (Laurea) in Economics in 2001 (at Luiss Guido Carli University of Rome), awarded his MA in Ethics in 2004 (at Pontificia Università Lateranense in Rome) and finally his Ph.D. in History and Thoughts of Economics in 2006 (at Luiss Guido Carli University), where he spent four other years as a Research Fellow. As part of his responsibilities, he has been appointed as: Italian Expert of G20 Task Force on Digital Economy (April 2016); Member of the Investors' Committee of Invitalia Ventures (since October 2015); Member of the Italian Ministerial Task Force for Smarter Cities (since September 2015). Furthermore, he also: contributed as an Expert to the Rapporteur of the European Economic and Social Committee in drafting a EESC' own initiative opinion on "Smart Cities as a Driver of a new European Industrial Policy" (TEN/568); has been appointed (April 2015) as the national expert on Smart City by the Italian Digital Agency (AgID). Among his publications: "eReadiness Assessment" (with M. Corsi ed al.) in Batini, C. Viscusi, G., Mecella M. "Information Systems for eGovernment: a Quality of Service Perspective", Springer, 2010; "How E-Government May Enhance Public Procurement (with Marcella Corsi and Daria Ciriaci), proceedings of the II International Public Procurement Conference, September 2006", "eGovernment Economics Project - Economic Model Final Version (with Marcella Corsi, Carlo d'Ippoliti, Michele Battisti), <http://www.rso.it/eGEP>, 2006"; and several articles on IT and public sector re-organization (many published on Nova24, the weekly Technology Review of "IlSole24Ore"). He often participates to dissemination activities on innovation and recently joined the Scientific Committee of Fondazione FORMIT and of Link Campus University's MA in Smart Public Administration.



Beatriz CORREDOR

Director of Institutional Relations,
College of Registrars, Spain

Mrs Corredor is the Director of Institutional Relations at the Colegio de Registradores de la Propiedad y Mercantiles de España since 2013 where she is member of the Board with responsibility for communication, press office and public relations. Mrs. Corredor is a property registrar with more than 20 years' experience with expert knowledge in the legal areas of urban planning, property rights and real estate, company law, taxation, mortgage, financial and administrative processes. She was Councillor Madrid City Council, (2007-2008) (director of Social Housing); Minister of Housing (2008-2010); Secretary of State for Housing and Urban Planning, (2010-2011) (Chair of the Board of Public Administration of Land and Territory (SEPES)). Furthermore, she is mentor for the Endeavor Foundation Spain (<http://www.endeavor.org.es/>) for high potential entrepreneurs and an international conference speaker in particular on public housing policy, urban planning, real estate, property rights and registry.



Petra OBERRAUNER

Deputy Mayor, City of Villach

Ms Oberrauner owns a PhD in education, scientific research planning and media. Her international professional experience includes the coordination of EURES-T-EURALP on behalf of the European Commission; the collaboration in European working committees of the European Commission on the topics of European employment market research, European PR and the areas of marketing and finance, she was Head of the department of 'International Relations' as part of a three-country bid for the 2006 Winter Olympics. Her fields of activity include Management of ecc – European cross-border consulting; management of ECOTEMA GmbH – International Environment Consulting; Membership of the Investment Committee of Leo Capital Growth; Board membership of the WdF (Wirtschaftsforum für Führungskräfte). From 10th of April 2015 she is vice mayor of Villach. Her core competencies include corporate consultancy and corporate management, interface management, European and international corporate cooperations, inter-regional and international corporate PR, media, corporate strategy, project development, process support, development of marketing strategies, economic and employment market policy.



Nando Mismetti, Mayor, Foligno, Italy

È nato a Foligno nel 1953, è sposato e ha due figlie. E' laureato in Farmacia all'Università degli Studi di Perugia e ha svolto la professione di informatore scientifico per un'azienda farmaceutica di rilievo internazionale. È molto legato al mondo dell'associazionismo e del volontariato. Il suo impegno in politica inizia subito dopo il liceo, con l'adesione alla Federazione Giovanile Comunista Italiana e successivamente al Partito Comunista Italiano, per poi aderire al PD partecipando attivamente alla crescita del partito al regionale. Nel 1990 è stato eletto nel Consiglio comunale di Foligno e nominato assessore all'Urbanistica, mantenendo tale delega anche nella successiva legislatura, durante gli anni difficili della ricostruzione post terremoto del '97. Dal 2001 al 2009 è stato vice sindaco, fino ad essere poi eletto primo cittadino di Foligno per due mandati consecutivi. Nel 2014 è stato eletto anche presidente della Provincia di Perugia. È nato a Foligno nel 1953, è sposato e ha due figlie. E' laureato in Farmacia all'Università degli Studi di Perugia e ha svolto la professione di informatore scientifico per un'azienda farmaceutica di rilievo internazionale. È molto legato al mondo dell'associazionismo e del volontariato. Il suo impegno in politica inizia subito dopo il liceo, con l'adesione alla Federazione Giovanile Comunista Italiana e successivamente al Partito Comunista Italiano, per poi aderire al PD partecipando attivamente alla crescita del partito al regionale. Nel 1990 è stato eletto nel Consiglio comunale di Foligno e nominato assessore all'Urbanistica, mantenendo tale delega anche nella successiva legislatura, durante gli anni difficili della ricostruzione post terremoto del '97. Dal 2001 al 2009 è stato vice sindaco, fino ad essere poi eletto primo cittadino di Foligno per due mandati consecutivi. Nel 2014 è stato eletto anche presidente della Provincia di Perugia.

Session 4 – Partnering to build the cities we want: an international perspective



Flavio CUCCHIETTI

Chairman,

WP2/20, ITU-T SG20 "IoT and its applications including smart cities and communities (SC&C)"

Flavio Cucchietti, senior researcher and senior project manager within Telecom Italia Innovation Center in Turin (Italy), is managing energy efficiency and sustainability aspects related to standardization across the whole spectrum of the ICT, ranging from the energy efficiency of home and network equipment to e-waste to Smart Grids and Smart Cities. From 1988 is active in standardization and is currently member of many standardization groups acting on Energy Efficient, Sustainable ICT and on ICT for Smart Grids and Services. His current activities involve direct participation to many study groups and technical committees within ITU-T, ETSI, CEI and EC-JRC and indirect participation through the management of the whole Telecom Italia contribution to IEC-CENELEC and CEI. He has been working along these years to foster cooperation among all stakeholders and looking at standardization as a natural endpoint of research and development activities in order to accelerate the availability of more economically viable and socially responsible equipment and services. Cooperates with EC and IEA on energy efficiency initiatives. He is vice Chair of ITU-T Study Group 5 (environment and climate change), co-Chair of the WP2 (Smart Cities and Communities) of ITU-T 20 (IoT and SC&C) and is Board member of CEI, the Italian standardization institution in the electrical, electronic and telecommunications area.



Giorgio SPAZIANI TESTA



President

Confedilizia, Italy

Ruslan RAKHMATULLIN

Policy researcher, European Commission (DG JRC, IPTS, Smart Specialisation Platform)

Ruslan is a policy researcher working for the European Commission's Smart Specialisation Platform based at the Institute for Prospective Technological Studies (IPTS, DG JRC) in Seville, Spain. The S3 Platform was established by the European Commission to provide professional advice to EU Member States and regions for the design of their innovation strategies for smart specialisation. In his EC position, Ruslan was involved in the development of a peer review methodology which was primarily applied in the context of regional and national S3 strategies. Ruslan has also worked for the United

	<p>Nations Economic Commission for Europe in Geneva where he was involved in the UNECE work on fostering an international policy dialogue aimed at critical assessment and adaptation of relevant national and international experiences, the identification of good practices and formulation of policy recommendations and guidelines related to the promotion of innovation and knowledge-based development. Ruslan has also spent a number of years working for the COST Office (European Cooperation in the field of Science and Technology) of the European Science Foundation in Brussels. Ruslan's research interests are in the field of evaluation and assessment studies. He has obtained a Ph.D. from the School of Business, Trinity College, University of Dublin.</p>
	<p>Alessandro Cozzi, Country Director Enterprise Business Group Huawei Technologies, Italy</p> <p>Alessandro Cozzi is Country Director of Huawei Italia Enterprise Business Group. After a professional experience in the United States, Alessandro Cozzi started his career as consultant before joining the ICT sector in 1998. He worked for companies such as Alcatel, Intermec and Westcon Group, where he held various management positions both in Italy and abroad. Prior to joining Huawei, Cozzi worked in Cable & Wireless for almost 10 years holding positions of increasing responsibility in Italy and in Europe and becoming Chief Executive Officer and President of Italy and Sales Director Europe, both for Carrier Business and Global Enterprise Units. He joined Huawei Italia in 2011 and has been responsible for developing the Enterprise Business Unit sales channel. On May 2014 he has been appointed Country Director of Huawei Italia Enterprise Business Group. Alessandro Cozzi was born in 1967 and graduated in Economics in Milan.</p>
	<p>Dario PETRI, IEEE Smart cities initiative, University of Trento</p> <p>Dario Petri is a Full Professor of measurement and electronic instrumentation and the head of the Department of Industrial Engineering, University of Trento, Italy. He is also an IEEE fellow member and the chair of the IEEE Smart Cities Initiative in Trento. He was the head of the Department of Information Engineering and Computer Science from 2010 to 2012. Dario Petri received the M.Sc. degree (summa cum laude) and the Ph.D. degree in electronics engineering from the University of Padua, Padua, Italy, in 1986 and 1990, respectively. Dario Petri is a member of the National Group of Expert of Evaluation (GEV) for research in the area of Industrial and Information Engineering. He is also chairing the Italian Association of Electrical and Electronic Measurements (GMEE) since 2013. He chaired the IEEE Italy Section from 2012 to 2014. Over his research career, Dario Petri has been an author of over 250 papers published in international journals or in proceedings of peer reviewed international conferences. His research activities cover different fields and are focused on data acquisition systems, embedded systems, instrumentation for smart energy grids, fundamentals of measurement theory, application of digital signal processing to measurement problems.</p>

19 MAY 2016

Session 5 – The future at stake: smart solutions and sustainable ambitions for the cities of tomorrow



Franco COTANA




Professor
University of Perugia, Italy

Professor Franco Cotana was born in Marsciano (Perugia) in 1957. He is Full Professor of Applied Physics at University of Perugia since 2001. He is a Member of the Board of Directors of University of Perugia (since 2014); he has been the Director of CIRIAF (Interuniversity Research Centre on Pollution and Environment "Mauro Felli") at the University of Perugia, from June 2013 to April 2015. He is the founder of the CRB (National Biomass Research Centre), established by the Italian Ministry of the Environment at the University of Perugia. He is the President and Coordinator of the PhD Course in Energy and Sustainable Development; He is Member of the Board of Management of the SSTAM, Scuola Superiore Territorio Ambiente e Management (since 2006). He has been elected as Italian representative at Bruxelles in SET PLAN (Strategic Energy Technology Planning) EIBI (European Industrial Bioenergy Initiative). He is Member of the NYSA New York Science Academy since 2010 and Member of the CNR (National Research Council) technical Committee since 2016. Prof. Cotana is author and co-author of more than 200 original research papers and he is the scientific coordinator of more than 50 research projects, such as the Impath-TES, Zero Plus and Heracles projects, funded by the EC under the H2020 program.



Gabriela Styf Sjoman, CTO, Telecom Italia

Gabriela Styf Sjoman has a long Senior International Leadership and Business experience in the Telecom and IT industry. She has lived in ten countries, and worked in eight of these accross Asia Pacific, Europe, and North America. Since January 2015, Styf Sjoman is Vice President Network Engineering & TILab of Telecom Italia Group leading the evolution of networks to support Telecom Italia Group vision of being key enabler of Digital Life to Consumers and Businesses. Gabriela has held numerous leadership positions ranging from Managing Director of an IT Consultancy in Pharmaceuticals, Director at a Start-up, to various Vice President positions at a large Multinationals. She has experience from leading establishment of new business and product areas, driving them from strategy to execution with multiplied profits, both in start-ups as well established multinational Telecom Network Provider. In her leadership positions Styf Sjoman has held responsibility for functional units such as Engineering, Product Management, Research & Development, Marketing, Business Development, and Sales with own Profit & Loss responsibility. In addition Gabriela has long experience from Change Management, having been the initiator and driver for successful large scale operational transformations in Multinational Companies, resulting in multiple savings and accelerated Time to Market. Styf Sjoman was responsible for successfully leading the development of Ericsson Mobile Core portfolio to a market leading position. Styf Sjoman holds a degree in Electrical Engineering from Sweden, and a Master in Business and Administration from University of Durham in UK. Gabriela has participated in various Executive Business Management programs at Stanford University, Boston University and IMD. In 2014 she was selected as participant of Women Up Sweden, which is a

	<p>Leadership Program initiated under Hillary Clinton International Womens Business Council. During her time in Asia Pacific, Gabriela was in various occasions nominated as most influential IT and Telecom person by Chinese industry bodies as well as China Mobile.</p>
	<p>John POLAK Professor, Imperial College London</p> <p>John Polak is Professor of Transport Demand and Director of the Urban Systems Laboratory, at Imperial College London. Prior to establishing the Urban Systems Laboratory, he was Director of the Centre for Transport Studies and Director of Research in the Department of Civil and Environmental Engineering at Imperial. Professor Polak is a mathematician by background with over 30 years experience in the mathematical analysis of transport systems. He is a past President of the International Association for Travel Behaviour Research and a past Council Member of the Association for European Transport and serves on the editorial advisory boards of a number of leading international journals. He is a member of the Mayor of London's Smart London Board and has served as an advisor to government and industry worldwide.</p>
	<p>Alexey ERSHOV Vice President, Smarter Cities Europe IBM Corporation</p> <p>Dr. Alexey Ershov is the Vice President at IBM responsible for Smarter Cities business in Europe. Since joining IBM in 2004, Alexey has been based in New York, Moscow, Shanghai, and Madrid. Prior to joining IBM, Alexey was a management consultant at McKinsey & Company and a research scientist at Harvard University. Alexey received a Bachelor's degree in Physics from Moscow Institute of Physics and Technology in 1996 and a Ph.D. degree in Elementary Particle Physics from Harvard University in 2001.</p>
	<p>Mario BOZZO Director IBI Group: Key Areas Cities Need to focus on to be fit for the Future</p> <p>Mario co-founded IBI Group's UK/Ireland practice from start-up phase some 20 years ago, and is currently part of a core group globally within IBI Group providing thought leadership and overseeing project delivery in the smart city industry. Mario is a member of the British Standards Institute (BSi) – Cities Standards Institute, which brings together cities and key industry leaders to work together in identifying the challenges facing cities, providing solutions to common problems and defining smart city standards. With a Bachelor's degree in Urban Planning (University of Waterloo, Canada), and a Masters in Engineering (University of Leeds, UK), Mario has a collaborative style who has demonstrated an ability to work across different geographies, sectors (Transport, Health and Education) and disciplines (architecture, planning, engineering and technology) with a high degree of emotional intelligence and integrity. Mario's experience is rooted in an entrepreneurial approach to business growth. He has shown a high degree of adaptability, organisational awareness and resilience, all within complex projects and their respective organisation environments – one of the more significant projects being Travel Demand Management for the London 2012 Olympic Games. Mario's family roots are Italian and retain a uniquely Canadian-Italian-British cultural mix.</p>

Session 6 – Measuring Smart Sustainable Cities



Paolo GEMMA

Chairman,
WP3/5, ITU-T Study Group 5 "Environment and Climate Change"

Paolo Gemma is a senior Specialist and representative of Huawei on issues related to energy saving and environmental sustainability. Prior to joining Huawei, Dr. Gemma was working with Nokia Siemens Networks, where he was responsible for EMC (electromagnetic compatibility) and electrical safety areas. He also worked in the Siemens Communications Division. Dr. Paolo Gemma also plays an active role in international standardization activities. Since 1993, he has been engaged in ETSI (European Telecommunication Standard Institute) activities and he also participates in the development of EMC standards. In 1997, Dr. Gemma joined ITU-T Study Group 5 on Environment and Climate Change as a Rapporteur and he is now the Chairman of Working Party 3 "ICT and Climate Change". He also serves as the Working Party 2 Co-vice-chairman of Study Group 20 on Internet of Things (IoT) and its applications including smart cities and communities (SC&C). In 2002, Paolo Gemma was appointed as the Secretary of the Committee ETSI TC EE and as of 2009 he holds the position of Chairman of the EEPs EE (eco Environmental product standard) working group. Paolo Gemma is a graduate in electrical engineering from the University of Genoa.



H.E. Ms. Silvia Fregolent,

Member of the Parliament, Italy

After studying law at Turin University, Fregolent sat the state exam to become a qualified lawyer. She worked for ITS-Global Value as a Contract Lawyer from 2000 to 2005, and later as a Consultant for the Environment Department for the Piedmont Region from 2005 to 2010. Before being elected as a Member of the Italian Parliament, she had already gained valuable political experience at local and provincial level. From 2001 to 2006 she was a Local Councillor, and from 2009 to 2013 she was a Provincial Councillor for Turin. In 2013, Fregolent was elected to the Italian lower house, The Chamber of Deputies, in the ranks of the Partito Democratico (Democratic Party - PD). She is a PD Deputy Chief Whip and the person in charge of economics in the PD Group of the Chamber of Deputies. She is also a member of the PD National Board.



Domenica CARRIERO

Project Manager
UNECE, Switzerland

Domenica Carriero is coordinating the "United Smart Cities" project at Housing and Land Management Unit in the Forests, Land and Housing Division of UNECE. She is also coordinating the UNECE project on energy efficiency standards in buildings. She holds a MBA in Sustainable Business, a Masters' Degree in Foreign Languages and joined a PhD in English Philology. She has several years of experience in teaching, capacity building, marketing and communication, coordinating inter-governmental meetings and has served as a consultant for the private sector and start-ups. Domenica is specialized in marketing and communication, sustainability strategy and sustainable performance assessment. Her professional interests include corporate social responsibility, sustainable development, energy efficiency, and disaster risk reduction.



Gundula PROKOP

Senior Expert,
Environment Agency, Austria

Gundula Prokop (MSc, MBA) is since 1996 senior expert and project manager at the Austrian Environment Agency (Umweltbundesamt) mainly providing consultancy to the European Environment Agency and working in EU Research and Territorial Co-operation Projects. Furthermore, she has been working under contracts for the European Commission, EUROSTAT, the World Bank and the Joint Research Centre. Gundula has been in charge of developing an indicator for contaminated sites for the EEA (CSI015, LSI003), indicators for land take and soil sealing for the European Commission and land use indicators for regional surveys on behalf of EUROSTAT. She is an active networker in national and international working groups and author and editor of national and international publications related to contaminated land management, brownfield recycling and land take.



Pawel STANO,

European Commission (DG JRC, Econometrics and Applied Statistics), Italy

Pawel M. Stano received M.Sc. (cum laude) in applied mathematics from Jagiellonian University, Poland, M.Sc. (cum laude) in stochastic mathematics from VU University Amsterdam and the Ph.D. from Delft University of Technology, the Netherlands in 2013. In 2012 he was a visiting scholar at the University of Illinois, Urbana-Champaign and in 2013 he worked as a R&D software engineer at IHC Systems. He has been working on statistics, applied mathematics, and environmental engineering since 2007, coauthoring over 20 scientific papers, including articles in top peer-reviewed journals and internal technical reports. Since 2013 he holds a postdoctoral fellowship at the European Commission Joint Research Centre in the field of sensitivity analysis, composite indicators and impact assessment. His research is focused on two aspects: development of new statistical methods and implementation of existing techniques to support EU policies in areas such as Environmental Pressures, Cultural and Creative Sectors, Consumer Markets and Small & Medium Enterprises.



Andrea TEMPORELLI

Junior Scientist
RSE, Italy

Andrea Temporelli is an Environmental Engineer, graduated at Politecnico of Milan in 2012. At the beginning of his career he worked as a researcher in the field of urban wastes, realizing an evaluation of the Piemonte Region wastes dismantling system and collaborating at Lombardia GERLA project (Gestione Rifiuti in Lombardia – Analisi del ciclo di vita / Lombardia Wastes Management – Life Cycle Assessment). Since September 2013, he works in RSE S.p.A. (Ricerca sul Sistema Energetico) within the Sustainable Development and Energy Sources Department. He is qualified in Life Cycle Assessment and sustainable evaluation of electric components and innovative technologies. He also works on Smartainability project, an original methodology which allows to evaluate the sustainability of innovative technologies deployed into the smart cities.

Session 7 - Smart Sustainable Cities in the 2030 Sustainable Development Agenda: the Way forward



Tatiana KHABAROVA
Programme Manager in Russia, UN-Habitat

Tatiana is Programme Manager in Russia at UN-Habitat since 2009, before this she worked for UN-OCHA from 2006 to 2009. She holds a Master in Public Administration Degree from Harvard University.



Gulnara ROLL
Head
Housing and Land Management Unit,
United Nations Economic Commission for Europe (UNECE), Switzerland

Ms. Roll is Secretary of an intergovernmental UN Economic Commission for Europe (UNECE) Committee for Housing and Land Management and Head of Housing and Land Management Unit at Trade and Sustainable Land Management Division, UN Economic Commission for Europe. UNECE joins 56 countries from Europe, Caucasus, Central Asia and Northern America. Gulnara's educational background is in Human Geography and Environmental Sciences. Prior to joining UNECE in 2009, Dr. Roll worked in academia and management of international programmes on research, spatial planning and regional development in Brussels, Belgium; Tartu, Estonia; and St. Petersburg, Russia.



Tonilyn P. LIM,
Industrial Development Officer, Energy Department, UNIDO

Ms. Tonilyn P. Lim is a project manager at the Renewable and Rural Energy Division, Department of Energy at the UNIDO headquarters in Vienna, Austria. She is the Department's focal point for sustainable cities technical cooperation projects. Her previous responsibilities involved project and portfolio management on the thematic areas of environment and energy in the South Asia Region, while at UNIDO's Regional Office in India. She was also a government official with the Philippine Economic Zone Authority as Chief of the Environment Group; and, with the Central Bank of the Philippines as Crisis/Business Continuity Manager. She has now over 15 years of experience in the fields of environment, energy, climate and disaster risk, in industrial and urban contexts. Ms. Lim holds a Master's Degree in Environmental Management from Ateneo De Manila University and University of San Francisco; and a candidate for MSc. in Renewable Energy, at the Technical University of Vienna.

Irina ILYINA
Director,
Regional Research and Urban Planning Institute, Moscow Higher School of Economics

Dr. Ilyina is Director of the Institute for Regional Studies and Urban Planning of the National Research University "Higher School of Economics", Professor in



the Department of management of development of territories and regional studies of the Faculty of State and Municipal Management of HSE and Professor of the Moscow branch of the International Academy of Architecture. She holds a PhD in Economic Sciences and she graduated from the Moscow State University. MV Lomonosov Moscow State University. Scientific adviser, author and co-author of over 500 research works, Dr. Ilyina is specialized on urban development projects on issues of strategic and spatial planning, land use, integrated urban development policies for sustainable development, ecological and economic problems. She is also author of books on the problems of modernization and development of single-industry towns, the environmental problems of Moscow development, sustainable development of megacities.



Roman Serdar MENDLE,
Smart Cities Programme Manager, ICLEI

Roman Serdar Mendle manages the Smart Cities Program at the ICLEI and heads ICLEI's work on City-Business Collaboration. His mandate at ICLEI includes advocating for cities' interests in the Smart Cities debate and shape the global understanding of Smart Cities as a means to become more sustainable, rather than an end in itself. Additionally, Roman and his team support ICLEI Member cities in finding 'smart' solutions to become more livable, sustainable and to transition to a green economy decoupled from harmful emissions and wasteful resource use. Roman is also responsible for the strategic development of facilitation services for ICLEI Member cities to engage with the private sector, to benefit from city-business collaboration and to promote dialogue and cooperation between cities and businesses driven by sustainability goals and values. A Sustainability Scientist by training, Roman has expert knowledge on sustainability transitions of complex urban systems.



Dario MANNA,
(Capitale Lavoro S.p.A.): Chief Operating Officer
"Porta Futuro – Città Metropolitana di Roma Capitale"

Dario Manna graduated in Law at the Sapienza University of Rome with a thesis on "Privacy, Bioethics and Law" for the chair of Civil Law of Prof. Stefano Rodotà, with whom he collaborated in the years following graduation. Lawyer and conciliation mediator, Dario's main areas of interest are public procurement and consumer law. In 2002-2003 he gained a PhD from the Faculty of Law, University of Barcelona (Spain). Since 2003, on behalf of Capitale Lavoro S.p.A., an in-house operation of the Metropolitan City of Rome Capitale (formerly Province of Rome), he is head of European projects of the City's Department for Job and Training policies. He is an expert in the planning and management of complex projects in the field of local development, labour policies and training, carrying out collaborations in this field for a number of public and private organizations. He has over 10 years' experience in programming, coordination, monitoring and reporting of interventions co-financed by European funds, in both direct and indirect management. Dario is the founder and coordinator of a project funded by the European Commission, Your first EURES job, in support of European mobility for young people, at Porta Futuro – Roma

(<http://www.yourfirststeuresjob.eu>). Through YfEj he has tested out and constituted a new and efficient public service for EURES – European Employment Services – customized with specialized services, oriented to the real needs of people looking for jobs and of businesses who want to hire selected EU workers. Since 2012 he has been collaborating with FORMEZ PA coordinating a working group that carries out legal advice and support activities for the former European Regions in convergence objective in the definition of organizational structures and operating procedures for the implementation of Operational Plans ESF / ERDF and negotiating activity (public procurement). Since 2014 he has also been an expert at the European Commission – DG Employment, Social Affairs and Inclusion – Europe 2020: Employment policies – Mobility and Employment Services. Dario has also been Director of Porta Futuro – Roma, since November 2015. (www.portafuturo.it)



Christian SCHWINGENSCHLÖGL

Project Manager
City Intelligence Platform, Siemens

Dr. Christian Schwingenschlögl received his master degree in Information Science from the Munich University of Technology in 1999 and his PhD from the Department of Electrical Engineering and Information Technology, Munich University of Technology in 2005. In the same year, he joined Siemens AG where he started to work as research scientist in the field of self-organizing networks. In 2010, he took over responsibility for a research team at Siemens Corporate Technology with a focus on Internet of Things. Research areas included Software-Defined Radio, Radio Localization and application-oriented topics. Among them, the field of urban infrastructure digitalization: intelligent lightning, building automation, smart water grids and intelligent traffic solutions. In 2012, he joined the New Technology Field Sustainable Cities and is now responsible for topics in the area of “Urban Infrastructure Intelligence” and the development of the City Intelligence Platform.