Smart

thinking

[ ]

solutions

Fira Barcelona

Barcelona
13-15 November 2012
www.smartcityexpo.com

smart
city
expo
WORLD
CONGRESS

The world's population is growing and concentrating in cities. This is a process that started with the industrial revolution two hundred years ago and one which is still intensely active. A 2011 UN report on human settlements estimates that 70% of the world's population will be living in cities by 2050. In this context, cities need to develop economic and environmentally sustainable growth in order to improve everyone's quality of life.

Cities will have a major role dealing with the fundamental challenges of the 21st century: climate change, and other environmental threats; excessive consumption of non-renewable resources; economic development; growing populations; and ageing infrastructures. In this context, the Smart City Expo World Congress is the meeting point for companies, public administration, entrepreneurs and research centers to show, learn, share, network and gather inspiration to support the modern development of future cities.

JOIN US THROUGHOUT
THE YEAR AND SEE YOU
IN NOVEMBER 2012

Smart Thinking
World Congress

The Smart City World Congress is built around the concept of a "Smart Society for innovative and sustainable cities", integrating the following underlying themes: Energy, Environment, Innovation &Technology, Collaborative City & the Smart Society, Economy & Governance, Urban Planning, Mobility, Emergency & Security and Smart Geo.

The Congress also offers specific slots available for City Case studies to allow for first-hand accounts from smart city leaders.
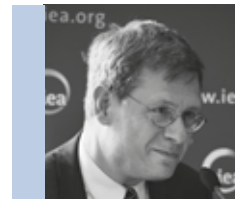
Speakers
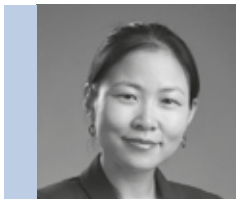
Annie Xu
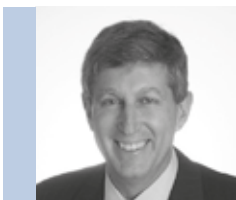Smart Cities Senior Vice President - Schneider Electric Hong Kong - China

Allan Jones
Chief Development Officer Energy and Climate ChangeCity of Sydney

Bo Diczfalusy
Director of the Sustainable Energy Policy and Technology - International Energy Agency - France

Kenneth Berlin
Senior Vice President. General Counsel, Policy and Planning - Coalition for Green Capital Washington DC - USA

Klaas Schuring
CEO Co-Location Benelux - KIC-InnoEnergy SE Eindhoven - Holland

Livio Gallo
CEO - Enel Distribuzione - Italy

Gero Kura
Infrastructure Development Manager - Invensys Wonderware

Heike Barlag
International electric mobility research projects - Green eMotion Munich - Germany
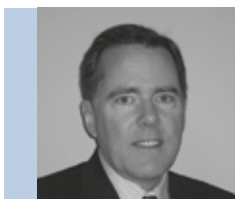
KC Becker
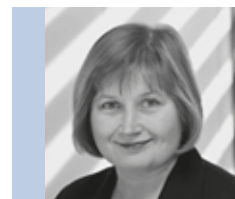Council Member - City of Boulder, Colorado Boulder - USA

Marc de Jong
CEO - Philips Professional Lighting Solutions

Scott Henneberry
Smart Grid Strategy Vice President - Schneider Electric

Svetlana Grant
Director, Smart Cities, Connected Living Programme - GSMA London - UK

"Full list of Speakers available at www.smartcityexpo.com"

Energy

Cities are a major contributor to CO₂ emissions in America and Europe. Imminent challenges include: improving efficiencies in energy consumption and transport; increasing production from renewable sources; developing the energy grid; balancing the energy mix towards the renewable; boosting energy production on an urban scale; reducing environmental impact; building zero carbon houses; and developing the electric infrastructure necessary in order to make the use of the electric vehicle more widespread.

November 13th
9:00 h.
Room 6

Keynote *Plenary session*

Marie Donnelly
Director - Renewables, Research and Innovation, Energy Efficiency - DG Energy - European Commission - Brussels

Allan Jones
Chief Development OfficerEnergy and Climate ChangeCity of Sydney

New energy scenario challenges

Cities are a major contributor to CO2 emissions. How can we provide cities with greener, more sustainable and safer energy? The development of energy grids is trying to cope with this challenge. How will this impact on our cities?
What is the real prospect of their development?

Klaas Schuring, CEO Co-Location Benelux - KIC-InnoEnergy SE
Bo Diczfalusy, Director of the Sustainable Energy Policy and Technology - International Energy Agency
Annie Xu, Smart Cities Senior Vice President - Schneider Electric
Marco Cotti, Head of Smart Grids and New Technologies DevelopmentEnel Group — Infrastructure and Network Division
Kenneth Berlin, Senior Vice President. General Counsel, Policy and Planning - Coalition for Green Capital

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November 13th
11:30 h.
Room 6

New energy sources

Economies need to think of new energy sources that help us move away from petrol and nuclear. What would these sources be? Could cities become more autonomous in energy terms?

Moderator: Antoni Martínez, Director - Catalonia Institute for Energy Research

| KC Becker
Council Member - City of Boulder, Colorado | Melissa Stark
Clean Energy Leader - Accenture | Manuel Herrera
Engineering and R&D Manager - Ros Roca | Ignacio Sanz Madroño
Director of Energy Processes - Urbaser |

November 13th
12:30 h.
Room 6

Smart grid & energy storage

The energy grid strategy attempts to bring the production and storage of its energy needs to the city in question. What is the current state of this new energy infrastructure?

Moderator: Mischa Bechberger, International relations - Asociación de Productores de Energías Renovables (APPA)

| Goran Naslund
Head of Smart Grid Solutions - Vodafone Group | Guy Vekemans
Strategy developer smart cities - Vito - Flemish Institute for Technological Research | Scott Henneberry
Smart Grid Strategy Vice President - Schneider Electric | Gero Kura
Business Development Manager Infrastructure EURA - Invensys Wonderware - Invensys Operations Management |

Changes in energy business models and regulations

November 13th
15:00 h
Room 5

What new business models and regulation changes are necessary to facilitate the development and provide viable energy grid services?

Moderator: Oscar Sanchez, Director of business development program, ICAEN

Norela Constantinescu	Svetlana Grant	Jorge Nuñez Ferrer
Directorate-General for Energy - European Commission	Director, Smart Cities, Connected Living Programme - GSMA	Associate Research Fellow - Centre for European Policy Studies

Improving energy efficiency

November 13th
16:00 h
Room 5

As a result of high demand, a huge effort has been made to improve the way in which energy is consumed; nevertheless, how could this be developed further?

Moderator: Santiago González, Instituto para la Diversificación y Ahorro de la Energía (IDAE)

Marc de Jong	David Lozano	Jordi Liberto Dalmau Royo	Blanca Losada Martín
CEO - Philips Professional Lighting Solutions	M2M Strategy & Business Development Manger for Vertical Markets - Vodafone Group	North Area Director - Endesa Ingeniería	Directora de Negocios Distribución Electricidad España Gas Natural

Impact on building & the economy / *In collaboration with:* GBCe

November 14th
11:30 h
Room 4

As a result of population increase, there is an urgent need to reduce energy needs and the environmental footprint generated by our homes. How this can be done in an efficient and economically viable way?

Moderator: Valentín Alfaya, Quality and Environment Director - Ferrovial

Phil Webber	Patty Fong	Peter Sweatman
Smart Cities team - University of Leeds, School of Earth & Environment	Programme Director, Energy Efficiency - European Climate Foundation	CEO - Climate Strategy

Emobility infrastructure

November 14th
12:30 h
Room 4

What should be provided to make electric mobility a more viable concept? What are the strategies and visions regarding an electric mobility market and infrastructure in cities?

Moderator: Álvaro González Rodríguez, Electric Mobility Manager - FCC Infraestructuras

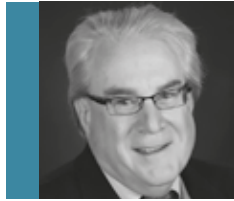| Heike Barlag	David Beeton	Iemke Idsingh	Santiago Cascante
International electric mobility research projects - Green eMotion	Director - Urban Foresight	Public Sector Solutions Director - Government IndustryBusiness Unit - Oracle	Innovation & Technology Manager, Endesa

Speakers

Peter Hirshberg
Chairman - Reimagine group
San Francisco - USA

Donald C. Clark
Vice President - Global Industry Solutions - Invensys Wonderware - USA

Federico Casalegno
Director - MIT Mobile Experience Lab Cambridge - USA

Mike Short
Vice President - Telefonica Europe

Xuening Xie
Director General - Guangzhou Municipal Science and Information Technology BureauGuangdong - China

Andrew Vande Moere
Author of infosthetics.com, Associate professor - K.U.Leuven, Belgium Leuven - Belgium
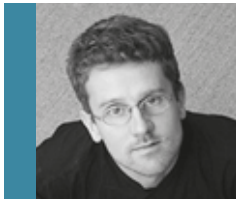
Carlo Ratti
Director - SENSEable City Laboratory - MIT

Colette Maloney
Head of Unit, Smart Cities & Sustainability - DG Connect, European Commission Brussels - Belgium

Oriol Sitjà
Director de Negocio - Abertis Telecom

Aaron M Renn
Principal - Urbanophile, LLC

John Baekelmans
Senior Director and Chief Technology Officer - Smart & Connected Communitites - Cisco

Matthias Nass
Member of the Board - FTTH Council Europe Brussels - Belgium

"Full list of Speakers available at www.smartcityexpo.com"

Technology and Innovation

Thanks to modern technology, cities can now be converted into sensory beings that communicate their needs and responses to certain scenarios in real time. To efficiently respond to challenges in areas 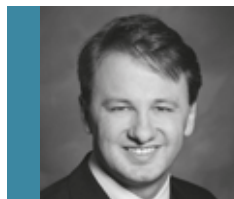such as mobility, energy and environmental protection, tomorrow's cities must establish systems capable of handling the massive amount of data generated by their residents and infrastructure.

November 15th
9:00 h.
Room 6

Keynote *Plenary session*

Peter Hirshberg
CEO - The Reimagine group

The technology boosting smart cities

How is technology improving urban, social and political life? How are work and entrepreneurship evolving? How is ICT changing city economies? What can we expect from future developments? How can technology help to develop more efficient cities?

Donald C. Clark, VP, Global Industry Solutions and Invensys Fellow - Invensys Wonderware
Mike Short, Vice President - Telefonica Europe
Colette Maloney. Head of Unit, Smart Cities & Sustainability - DG Connect, European Commission
Federico Casalegno, Director - MIT Mobile Experience Lab

Moderator: **Aaron M Renn**, Principal - Urbanophile, LLC

November 14th
11:30 h.
Room 6

Big Data

Data and information is pouring from sensors, management systems and citizens. How will all this information be managed in order to gain maximum value from it? What are the expected innovations in future developments?

Moderator: Jordi Torres, Barcelona Supercomputing Center

Jordi Torres Barcelona Supercomputing Center	Jorge García Peláez Manager - Competence Centres - Indra	Kulveer Ranger Former Director - Environment & Digital London	Ginés Alarcon Manager Director, Mobile World Capital

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November 14th
12:30 h.
Room 6

Trends in the IoT & M2M

New smart services appear from the possibility of getting a lot of information through any device thanks to the Internet of Things (IoT) and Machine to Machine connections (M2M). What are the future trends going to be? How can IoT/M2M help the development of smart cities?

Moderator: Enrique Sánchez, Director Ciudades - Ferrovial Servicios

Pablo Rodríguez Rodríguez Research Director and Director of the Barcelona R&D Lab -Telefónica Digital	John Baekelmans Senior Director and Chief Technology Officer for Smart & Connected Communitites - Cisco	Carlo Ratti Director - SENSEable City Laboratory - MIT	Robin Duke-Woolley CEO - Beecham Research Ltd

Mobile Payment & NFC

Near Field Communication (NFC) opens up a sea of possibilities for machine-to- machine bi-directional dialogs (M2M). Is NFC just another technology or is it creating a new paradigm? What new possibilities does it introduce and how will they be managed?

Moderator: Fabrizio Magnani, Executive Partner - Gartner

Paul Okech	Louis - Alban Batard - Dupre	Pierre-André Martin
Project Coordinator, E-payment project for the City Councilof Nairobi - Hausraum Limited	Business Developer Spain - Societé Connecthings	Director of Information Systems and Digital Innovation - Communauté d'agglomération Caen La Mer

Tap&Go Barcelona City Case

Barcelona and the private initiative have allied to achieve the first European city to comprehensively implement NFC contactless payment technology. This project is a key step forward towards the development of the digital society.

Moderator: Sergi Jerez, Director eAdministració - Ajuntament de Barcelona

Alberto Gonzalez	Jordi Marín	Oscar Pallarols	Miguel Angel Pozuelo
M2M y servicios sectoriales. Estrategia y Nuevos negocios -Telefonica España	Director Administració Pública i Sanitat Catalunya - Indra	Mobile World Capital	

City platform

One of the smart city challenges is to provide a city platform to connect all systems and devices and integrate all the available information. What is the basis of a city platform? How can an open system be established?

Moderator: Gordon Falconer, Director Urban Innovation Smart+Connected Communities Internet Business Solutions Group - Cisco Systems

Paco Salcedo	Luís Muñoz	Per Blixt
Director Estrategy and New Business	Network Planning and Mobile Communications Laboratory - Univesidad de Cantabria	Head of Unit, DG CONNECT - European Commission

City in the Cloud

Telecommunications and cloud computing services are the basis for the development of the city in the cloud: information and computing services accessible from anywhere. What are the most advanced developments of this vision?

Moderator: Jordi Escalé, CIO at Generalitat de Catalunya & CEO at CTTI - Generalitat de Catalunya

Alex Mestre	Matthias Nass	Xuening Xie	Juan Manuel Barrionuevo
Marketing Director - Abertis Telecom	Member of the Board - FTTH Council Europe	Director General - Guangzhou Municipal Science and Information Technology Bureau	Strategy Director, Mobile World Capital

Visualizing life in the city

Information generated by sensors, devices and citizens can help to analyze how a city functions. Visualization is a key tool for this analysis. What are the most relevant experiences? Where is visualization heading?

Moderator: Tomás Aluja, Data Mining and Knowledge Management - UPC

Jordi Zubelzu
Innovation Unit Manager - Agbar

Andrew Vande Moere
Author of infosthetics.com, Associate professor - K.U.Leuven, Belgium

Ayman Moghnieh
Director of corporate collaboration and R&D - Quadrigram

Marcelo Soria Rodriguez
Big Data / Smart Cities Co-HeadBBVA

Sensors and mapping / In collaboration with: GLOBALGEO

As society and organizations become more spatially aware through sensors and mapping, what relationships and patterns are being revealed? How will this make people think differently about geography?

Moderator: Alfonso Rubio, CEO - ESRI Spain

Marc Torrent
Head of R+D Mobility and Energy - Barcelona Digital Technology Center

Joaquín Ramírez
Owner - DTS Wilfire - Tecnosylva

Alejandra Manrique
Business Manager - ADASA

Smart cities: Technology applied to a new society model

Borja Adsuara
Director General RED.ES

Speakers

Charles Landry
Founder - Comedia
Gloucestershire - UK
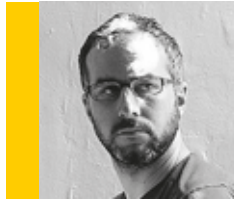
Dan Hill
Strategic Design Leader -
Sitra, the Finnish Innovation
Fund Helsinki - Finland

John Howkins
Director - Howkins
& Associates
London - UK

Santiago Olivares
Chief Executive Offi-
cer - Ferrovial Services

Andreas Lykke-Olesen
PhD., Partner Architect
MAA - Kollision
Aarhus - Denmark

Claudio Orrego Larraín
Alcalde - Comuna
de Peñalolén
Peñalolen - Chile

Jong Sung Hwang
Assistant Mayor for IT
(CIO) - Seoul Metropolitan
Government
Seoul - Korea

Markku Raitio
IT Director - City of
Helsinki
Helsinki - Finland

Nigel Jacob
Co-Chair - Mayor's Office
of New Urban Mechanics,
Boston
Boston - USA

Philippe Joubert
Senior Advisor - World
Business Council for
Sustainable Development
(WBCSD)   Geneva -
Switzerland

Sylvester James
Mayor of Kansas City, KA
- USA

Manel Brufau
Executive Director Industry
& Services – Indra

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Smart Society & Collaborative City

Cities are primarily about people and their living conditions. ICTs are setting a new landscape for analyzing a society in order to make it interact and collaborate and to empower its citizens to develop their initiatives, fostering creativity and innovation. Furthermore, the same applies when ICTs are not broadly available, for instance in developing countries, as key policies still deal with collaboration, creativity, correct decisions and a better society.

Two different backgrounds could be set: in nations still immersed in a rural to urban migration, cities are confronted with increasing populations; whereas in developed countries, cities have to deal with their obsolete industrial economies and aging populations.

In this context, technology provides ways to boost citizen participation, creativity and to develop open governments.

November 13th
15:00 h.
Room 6

Keynote *Plenary session*

Charles Landry
Founder - Comedia

The collaborative city: the key for a smart society
Technology, media and communication methods are giving a voice and capabilities to the citizen. What is happening and what can be expected from the citizen with regard to urban, social and political development? What can be provided to foster and facilitate creativity and collaboration?

John Howkins, Director - Howkins & Associates
Rogier van der Heide, Vice President & Chief Design Officer - Phillips Lighting
Santiago Olivares, Chief Executive Officer - Ferrovial Services
Manuel Brufau, Executive Director Industry & Services - Indra
Dan Hill, Strategic Design Leader - Sitra, the Finnish Innovation Fund

Moderator: Diana Lind, Executive Director & Editor in Chief - Next American City

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November 13th
10:00 h.
Room 2

Participation & citizen involvement challenges
What are the key factors of successful citizen participation strategies? How can citizens become more involved in city government?

Moderator: Pablo Sánchez Chillón, Innovative Urban Planner - Eolexcitylab

Claudio Orrego Larraín
Mayor of Peñalolen -
Municipality of Peñalolén

Leda Guidi
Head of Communication
Services Unit - Bologna
Municipality

Peter Kageyama
Producer - Creative Cities
Summit

November 13th
11:30 h.
Room 2

City information
What information are cities and citizens providing and generating? How can this be used to help imagine and design an inclusive and engaging city model?

Moderator: Sarah Murray, Contributor - Financial Times

Jean-Louis Fiorucci
President - SUDE

Jeffrey Risom
Associate, Head of Gehl
Institute - Gehl Architects

Tim Stonor
Managing Director - UCL
Space Syntax

Interactive environments

How can technology and sensors be used to engage individuals with city projects? How can interactive public spaces be used to raise awareness of ideas and gather information?

Moderator: Elizabeth Woyke, Contributor - Fast Company, Inc. N Money and the Atlantic Cities

Andreas Lykke-Olesen
PhD., Partner Architect MAA
- Kollision

Rob McIntosh
Creative Director - Frog
Design

Alexandra Deschamps-Sonsir
Founder Goodnight Lamp/-
Designwarm

Needs, ideas, markets: cities and the economics of accountability

With innovations emerging at high speed and integrated solutions converging distinct service portfolios, cities and companies are beginning to discover the importance of the pre-procurement stage. In this stage, needs are articulated, different options validated and tested, and specifications for transformative investments and regulations are designed.

Moderator: Sascha Haselmayer, Cofounder - Citymart.com

Gianni Minetti
Paradox Engineering

Daan Roosegaarde
Artist and innovator
- Studio Roosegaarde

Gloria Piaggio
Head of European Projects,
Genova Smart City Secretary
General - Comune di Genova

Social innovation

In the current context of rapid urbanization, population growth and technological development, what is the key to parallel social development? Which has proven as successful initiatives and strategies?

Moderator: Aaron Deacon, Researcher and business strategist - Curiolab & Gigabit City Summit

Philippe Joubert
Senior Advisor - World Business
Council for Sustainable
Development (WBCSD)

Ed Bryan
Vice President Software
Group Industry Solutions i2
and Smarter Cities
Development - IBM

Sylvester James
Mayor of Kansas City,
Missouri - USA

Joe Reardon
Mayor of Kansas City,
Kansas - USA

Smart Cities: The road to growth

The role of venture capital firms, strategies for new companies and key points for stimulating growth in the Smart Cities sector. This session will explore how to connect the different players and expand our solution to international markets.proven as successful initiatives and strategies?

Moderator: David Sandel, President - Sandel & Associates LLC

Juan Blanco
Director Business Develop-
ment, EMEA South - Cisco

Jase Wilson
Founder and CEO -
Neighbor.ly

Aaron Deacon
Managing Director | KC
Digital Drive - Kansas City -
USA

Reinventing citizenship through innovation

November 15th
11:30 h
Room 2

We explore new methods of communication between cities and citizens: participation and co-creation.successful initiatives and strategies?

Moderator: Esteve Almirall, Professor - Esade & UPF

Markku Raitio
IT Director - City of Helsinki

Nigel Jacob
Co-Chair - Mayor's Office of New Urban Mechanics, Boston

Jong Sung Hwang
Assistant Mayor for IT (CIO) - Seoul Metropolitan Government

Peter Corbett
EO - iStrategyLabs

Smart Tourism: new challenges, new opportunities

November 15th
12:30 h
Room 2

Smart cities influence the creation of more tourism opportunities. How a marked improvement in the management of a city environment, its citizen relations, technology and urban planning can have a positive effect on a city as a tourist destination.

Moderator: Joana Homs, Barcelona Turisme

Anna Torres
CEO - HOTREC, European Hospitality Association

Zornitza Yovcheva
PhD Researcher - John-Kent Institute in Tourism Bournemouth University

Susana García Sánchez
Project Manager, Tourism Intelligence and Strategy Unit, SEGITTUR

Marc Rodriguez
Director de CCIB

Speakers

Michael Braungart
Professor at the Erasmus University of Rotterdam, University Lüneburg and Twente - EPEA Environmental Protection and Encouragement Agency - Germany

Petr Vokral
CEO - FCC — A.S.A. (Central & Eastern Europe)

Bruno Berthon
Global Managing Director - Sustainability Services - Accenture
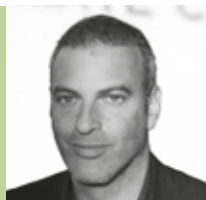
Dimitri Zenghelis
Senior Economic Advisor, Senior Fellow - London School of Economics London - UK

Peter Mullan
Vice President of Planning & Design - The High Line
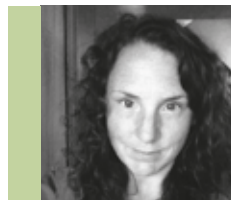
Ashley Atkinson
Director of Urban Agriculture and Openspace - The Greening of Detroit Detroit - USA

Bobby Wilson
President of the Board - ACGA - USA

Fernando Rayón
Director de Innovación de Negocio - Agbar Barcelona - Spain

Joane Boulle
Environmental Planningand Climate Protection Department eThekwini (Durban), South Africa

Suzana Kahn Ribero
Green Economy Subsecretary - State Environment Secretariat. Rio de Janeiro - Brazil

Hervé Tenaglia
Region Director Europe - BB Solar Inc Nantes - France

Jorgen Abildgaard
Executive Climate Project Director - City of Copenhaguen Conpenhaguen - Denmark

"Full list of Speakers available at www.smartcityexpo.com"

Environment

The world is facing major environmental challenges, and cities are major consumers of energy and natural resources. New decentralized infrastructures for energy production are at the center of the debate. Equally, waste and water management systems have to evolve from today's recycling model to a new model that includes the product lifecycle, inverse logistic procedures and waste/water consumption reduction. Other topics in this area are those centered on reducing CO
objective to which, for instance, the electric vehicle has to contribute.

November 14th
15:00 h.
Room 6

Keynote *Plenary session*

Michael Braungart
Professor at the Erasmus University of Rotterdam, University Lüneburg and Twente - EPEA Environmental Protection and Encourage-ment Agency GmbH (EPEA)

Challenges for more sustainable cities

Cities are major consumers of energy and natural resources. What is the step forward for city sustainability? What are the new ideas surrounding the reduction of emissions and resource consumption in cities? What is the future for waste and water management?

Bruno Berthon, Global Managing Director - Sustainability Services -Accenture
Petr VoKral, CEO - FCC – A.S.A. (Central & Eastern Europe)
Allan Jones, Chief Development Officer, Energy and Climate Change, City of Sydney
Dimitri Zenghelis, Senior Economic Advisor, Senior Fellow - London School of Economics
Fernando Rayón, Director de Innovación de Negocio - Agbar

Moderator: Nadja Hahn, Business & Economics Editor - ÖSTERREICHISCHERRUNDFUNK, ORF

November 14th
9:00 h.
Room 3

New earth observation / In collaboration with: GLOBALGEO

What are the capabilities, possibilities and limitations of the system and architecture in place for earth observation? What are the future challenges in the ecosystem of smart cities?
Moderator: Jordi Corbera, Centre Suport Programa Català d'Observació de la Terra - ICC

Paolo Gamba	Charlotte Gabriel-Robez	Paul Sutton
Associate Professor in Telecommunications - Università degli Studi di Pavia	Marketing - Astrium Geo, EADS	Senior Research Fellow & Professor - Barbara Hardy Institute & School of Natural and Built Environments, University of South Australia

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November 14th
11:30 h.
Room 3

Water management

What are the most efficient new schemes for introducing water back into the natural cycle? Smart water grids and smart water management systems to help make the most of available water resources.
Moderator: Arnau Queralt, Director CADS, Generalitat de Catalunya

Juan Luis Castillo	Haneen Shouman	Ramon Creus	Surajate B.Aroonnet
Area Manager - FCC	Technical Project Manager - Wonderware Middle East	Control Center Manager - Agbar	Hydro and Agro Informatics Institute (HAII) Bangkok, Thailand

Waste Management & Product cycle

New approaches to reducing the production of urban waste: reutilization, recycling and product engineering.

Moderator: Marta Subirà i Roca, Directora General de Polítiques Ambientals - Departament de Territori i Sostenibilitat

Hervé Tenaglia	Jordi Salvany	César Gil	Miryam Sánchez Porcel	Eduardo Fernandez
Region Director Europe - BB Solar Inc	Director of Strategic Projects, Cespa	General Director - Ros Roca	Directora General Parque Tecnológico Valdemingómez - Area de Medioambiente, Seguridad y Movilidad - Ayuntamiento de Madrid	Director I+D+i - Urbaser

Climate change

Strategies and lessons learned for tackling CO2 emissions in the city.

Moderator: Eduardo González, Oficina Española del Cambio Climático

Joane Boulle	Mercè Rius	Suzana Kahn Ribero	Jørgen Abildgaard	Lluc Torcal
Environmental Planning and Climate Protection Department eThekwini (Durban), South Africa	Regional Executive Committee member - ICLEI	Green Economy Subsecretary - State Environment Secretariat. Rio de Janeiro	Executive Climate Project Director - City of Copenhaguen	Prior de Poblet

Collaborative green spaces / *In collaboration with:* matèria verda

How can we develop urban green spaces with neighborhood involvement and participation?

Moderator: Peter Mullan, Vice President of Planning & Design - The High Line

Ashley Atkinson	Lluís Domènech	Bobby Wilson
Director of Urban Agriculture and Openspace - The Greeningof Detroit	Director of Architecture - Barcelona Sagrera Alta Velocitat	President of the Board - ACGA

Speakers
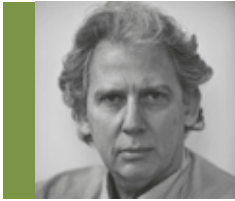
Ricky Burdett
Director, LSE Cities and Professor of Urban Studies - London School of Economics London - UK

Robert Puentes
Senior Fellow and Director, Metropolitan Infrastructure Initiative - Brookings Institution, Metropolitan Policy Program Washington DC - USA

Tim Campbell
Chairman - Urban Age Institute Berkeley - USA

Bill Dunster
Principal - ZED Factory London - UK

Brent Toderian
President, former Vancouver Chief City Planner - Toderian UrbanWORKS Vancouver - Canada
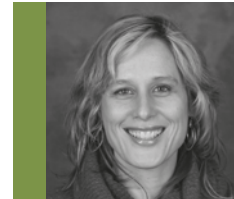
Cristiana Fragola
European Regional Director - C40 - Milan - Italy

Ismael Fernández Mejía
President - ISOCARP - International Society of City and Regional Planners Morelos - Mexico
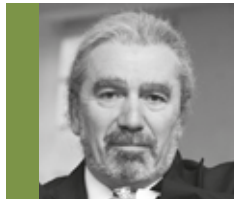
Jean Robert Mazaud
CEO - S'PACE architecture & environment Ivry sur Seine - France

Pedro Ballesteros
Official - DG Energy - European Commission Brussels - Belgium

Stephen Lau
Associate Professor, Acting Head of Department of Architecture - The University of Hong Kong Hong Kong - China

Joe Reardon
Mayor of Kansas City, Kansas - USA

Chris Johnson
Chief Executive Officer - Urban Taskforce, Australia Sydney - Australia

"Full list of Speakers available at www.smartcityexpo.com"

Urban Planning and Building

Urban planning deals with the space where we live and work: how it is produced and managed, how it is imagined and how it becomes feasible. Urban design deals afterwards with its physical form. After half a century of car-centered planning, both disciplines are now refocusing on the human scale.

It is imperative to consider how city development fosters creativity, innovation and economic development. Furthermore, we must appraise how it is an inclusive project for all citizens. In addition, it is important to know how the cities themselves are reinvented and transformed; how they care and protect the environment; and how they integrate different kinds of green spaces, urban agriculture, urban services and utilities into the new model (energy grid, water reutilization, ICTs), etc.

When redesigning cities, by reinventing the way we construct our housing and buildings, the resources that are afterwards necessary to maintain them habitable are an important factor. It is equally as important to consider the development of new urban spaces for testing new technological solutions and pilot schemes.

November 15th
15:00 h.
Room 6

Keynote *Plenary session*

Ricky Burdett

Director, LSE Cities and Professor of Urban Studies - London School of Economics

Smart strategies for transforming cities

The world's population is growing and concentrating in cities. How are cities coping with this increase while meeting social and environmental targets and creating an active economy?

Robert Puentes, Senior Fellow and Director, Metropolitan Infrastructure Initiative - Brookings Institution, Metropolitan Policy Program
Joe Reardon, Mayor of Kansas City, Kansas - USA
Rakesh Bhana, Urban Development & Investment Funds Specialist - European Investment Bank

Moderator: Allison Arieff, Writer - New York Times

November 15th
9:00 h.
Room 4

Urban redevelopment / In collaboration with: ●GBCe

Contrasting strategies for overcoming physical resource shortages in different urban realities.
Moderator: Felipe Pich-Aguilera, President - GBCe

Michel Azcueta
Escuela Mayor de Gestión Municipal, Perú

Stephen Lau
Associate Professor, Acting Head of Department of Architecture - The University of Hong Kong

Valentín Alfaya
Quality and Environment Director - Ferrovial

Strategies for smart urban regeneration

Ways to tackle urban, social and environmental challenges while creating a strong urban economy.

November 15th
10:00h
Room 4

Moderator: Sommer Mathis, Editor - Atlantic Cities

Chris Johnson
Chief Executive Officer -
Urban Taskforce, Australia

Cristiana Fragola
European Regional
Director - C40

Brent Toderian
President, former Vancouver
Chief City Planner -
Toderian UrbanWORKS

Smart growth

What are the strategies for rapid urbanization processes with environmental impact minimization?

November 15th
11:30 h
Room 4

Moderator: Antonio Burgueño, Quality and Environment Director - FCC Infraestructuras

Pedro Ballesteros
EU-China Partnership on
Urbanisation - DG Energy -
European Commission

Ismael Fernández Mejía
President - ISOCARP
-International Society of
City and Regional Planners

José Antonio Granero
Dean of Colegio Oficial de
Arquitectos de Madrid

Smart urban green / *In collaboration with:* matè-ria verda

The schemes for managing urban green spaces more efficiently: from its environmental output to its economic viability.

November 14th
10:00 h
Room 3

Moderator: Mike Biddulph, Senior Lecturer in Urban Design, City and Regional Planning -Cardiff University

Florian Brack
Zurich University of Applied
Sciences ZHAW

Jacques Soignon
Directeur Services d'Espaces
Verts et de l'Environment -
City of Nantes

Anne Culver
Executive Vice President and
Executive Director - ScenicTexas,
Scenic City Certification program

Minimizing impact of building

Best practices for minimizing environmental impacts of buildings: construction process, materials used and subsequent impact.

November 15th
17:30 h
Room 3

Moderator: Salvador Rueda, Director - Agencia de Ecología Urbana de Barcelona

Daniel Pearl
Architect - École d'architec-
ture, Université de Montréal,
L'Office de l'éclectisme
urbain et fonctionnel

Bill Dunster
Principal - ZED Factory

Katherine Woodhouse
Government Solutions
Director - Schneider Electric

Jean Robert Mazaud
CEO - S'PACE architecture
& environment

Speakers

Ben Hamilton-Baillie

Director - Hamilton-Baillie Associates Ltd.
Bristol - UK.
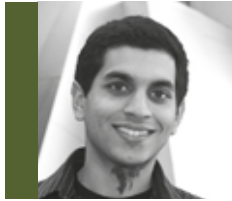
Praveen Subramani

Research Scientist - MIT Media Lab
Cambridge - USA

Projjal K. Dutta

Director, Sustainability Initiatives - New York Transportation Authority
New York - USA

Gloria Hutt

Subsecretaria de Transportes - Gobierno de Chile

Mark Major

Clean Transport and Sustainable Urban Mobility Title Policy Officer - Project Officer - European Commission
Brussels - Belgium

Mike Lydon

Principal - The Street Plans Collaborative
New York - USA

Simon Keith Goddard

Project Manager - Gehl Architects
Copenhaguen - Denmark

Pedro Vidal Matamala

Coordinador Unidad ITS - Subsecretaría de Transportes - Santiago de Chile
Santiago - Chile

Greg Lindsay

Contributing writer - Fast Company
New York - USA

"Full list of Speakers available at www.smartcityexpo.com"

Mobility

For the last 20 years, cities have been challenging the mobility paradigm generated around cars as the principal mode of transport. Today, the vehicle paradigm is also being challenged by climate change and the current natural resources deployment.

There is a widespread use of new ICTs for all means of transport, which allow for real-time information or variable signaling according to traffic conditions. There is a change of focus from policies to develop infrastructures to those concerned with the improvement and integration of the management of mobility services. For example, there has been a change of focus from vehicle ownership to the use of other modes of mobility; widespread improvement of walking and cycling conditions; an urban planning integration with mobility being taken into account; significant improvement and promotion of electric and hybrid vehicles, and an extension of the charging point network.

There is an urgent need in many cities to reduce pollution coming from traffic and a global requirement to find alternatives to oil as the main transport energy source.

November 14th
17.30h.
Room 6

Plenary session

New mobility paradigms: its, e, mutlimodal & shared

Mobility faces many different urban realities and improving city mobility always entails complex answers. What will be the concepts defining the forthcoming urban mobility policies? We consider the electric vehicle and its infrastructures and the multimodal journey and the services and spaces shared.

Gloria Hutt Hesse, Gobierno de Chile - Subsecretaria de Transportes
Ben Hamilton-Baillie, Director - Hamilton-Baillie Associates Ltd
Owen Poole, Marketing Director, Thales
Praveen Subramani, Research Scientist - MIT Media Lab
Projjal K. Dutta, Director, Sustainability Initiatives - New York Transportation Authority

Moderator: **Robert Stussi**, Urban and Mobility Planner - Robert.Stüssi.Mobi

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November 14th
11:30 h.
Room 5

ITS & Mobility Management 1

What are the incoming Intelligent Transport Systems (ITS) to manage current complex mobility networks?
Moderator: Francesc Robusté, Professor Transport UPC, Director CENIT

Antonio Paradell Bondia	David Brazzel	Étienne Chevrau	Jordi Díez
Smart Cities initiatives at Atos Research & InnovationAtos	Telefónica	Head of Marketing – TicketingThales	Director General - Saba Aparcamientos

Multimodal mobility on demand

November 14th
12:30 h
Room 5

How to develop and manage a complex mobility system that would assign the most efficient and effective mode of transport to every journey?

Moderator: Adrià Gomila, Director, Mobility services, Municipality of Barcelona

Pedro Vidal Matamala	Mark Major	Ruth Gomar
Coordinador Unidad ITS - Subsecretaría de Transportes -Santiago de Chile	Clean Transport and Sustainable Urban Mobility Title Policy Officer - Project Officer - European Commission	Product Manager - Smart City InfrastructuresIndra

ITS & mobility management 2

November 15th
15:00 h
Room 4

What are the incoming Intelligent Transport Systems (ITS) to manage current complex mobility networks?

Moderator: Jaume Barceló, Professor/Head of ICT& Transport Projects - inLabFIB UPC

Joan Manel Puig	Vinodh Swaminathan	Güliz Öztürk	Alfredo Escribà
CEO - Parkhelp	Director - Strategy & Market Management - IBM	International Marketing Manager - Kentkart Ege Elektronik A.S.	Executive Vice President - Telvent Transportation

Sharing urban mobility space / *In collaboration with:* matè-ria verda

November 15th
16:00 h
Room 4

Mobility schemes where citizens are part of the decision-making process behind the transport planning process: sharing information, means of transport and public infrastructures.

Moderator: Greg Lindsay, Contributing writer - Fast Company

Mike Lydon	Tjaša Ficko	Simon Keith Goddard
Principal - The Street Plans Collaborative	Deputy Mayor - City of Ljubljana	Project Manager - Gehl Architects

Mobility & location management / *In collaboration with:* GLOBALGEO

November 15th
17:30 h
Room 4

The ways to effectively use the data from GPS navigation devices, fleet management solutions and GSM networks in order to improve the utilization and management of transport networks.

Moderator: David Comas, CEO and Partner - Nexus Geografics S.L

Ralf-Peter Schäfer	Bernhard Engleder	Lluis Puerto	Eric Woods
Head of the TomTom R&D Centre Berlin - TomTom	Head of the Municipal Department 28 - Vienna	Director at Fundació RACCBoard of Directors at European Road Assessment Programme	Research Director - Pike Research

Speakers

Andrés Ibarra
Minister of Modernization, Buenos Aires City Government

Antoni Vives
Third Deputy Mayor - Barcelona City Council

Naoise ó Muirí
Lord Mayor of Dublin, Ireland
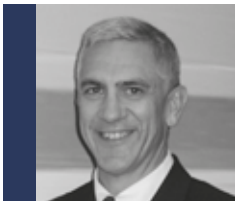
Michael Dixon
General Manager - Global Smarter Cities - IBM

Theresa A. Pardo
Director - Center for Technology in Government - SUNY Albany New York - USA

Enrique Sánchez
Director Ciudades - Ferrovial Servicios - Spain

Jeb Brugmann
Founding Partner - The Next Practice Toronto - USA

John F Moore
Founder and CEO - Government in The Lab Boston - USA

Anil Menon
President, Globalisation & Smart+Connected Communities - Cisco Development (India) Private Ltd.

Andrew Carter
Director of Policy and Research - Centre for Cities London - UK

Jennifer Bélissent
Principal Analyst - Forrester Research Les Houches - France

Philip Monaghan
Founder & CEO - Infragilis Manchester - UK

"Full list of Speakers available at www.smartcityexpo.com"

Governance & Economy

In modern society, city governments are confronted with higher demands from their citizens with regard to services offered, and the citizen's capacity to influence or to have a voice in the city government. This happens in an environment of decreasing economic resources and within a conflictive share of responsibilities among city, regional, national and supra-national government bodies. City governments are usually at the forefront of all the upper levels of administration that govern us. Partnerships with private companies are crucial to developing new projects with new financial instruments. In addition, government openness to the public and to the fostering of creativity and entrepreneurship are among the main policies that have to be developed: open government, transparency and open data.

City government leadership needs to play a major role in the implementation of reform agendas.

November 14th
9:00h.
Room 6

Keynote *Plenary session*

Vicente Guallart
Chief Architect - Ajuntament de Barcelona

Charlie Catlett
Argonne National Laboratory, Chicago

Changing governance models

City governments face increasing social and economic challenges. How are governments, companies and citizens going to work together and put the proper economic policies in place to help economic, social and environmental development? What role will technology be playing?

Andrés Ibarra, Minister of Modernization, Buenos Aires City Government
Nicola Villa, Managing Director, Global Urban Innovation - Cisco
Antoni Vives, Third Deputy Mayor - Barcelona City Council
Iñigo de la Serna, Mayor of Santander, President of RECI and FEMPEl
Michael Dixon, General Manager - Global Smarter Cities - IBM

Moderator: Greg Clark, CEO - The Business of Cities Ltd

November 13th
15:00 h.
Room 4

Public-Private Collaboration

How to develop and manage a complex mobility system that would assign the most efficient and effective mode of transport to every journey?

Moderator: Lluís Torrens Mèlich, Manager Public-Private Sector Research Center - IESE, University of Navarra

José Manuel Velasco Communications and Corporate Responsibility General Manager - FCC	Hung Song President & CEO - KC Smart Services	Enrique Sánchez Director Ciudades - Ferrovial Servicios	Andrew Carter Director of Policy and Research - Centre for Cities

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November 13th
11:30h
Room 4

Funding Transformation

What economic policies should be put in place to help partner public organizations to modernize public services?

Moderator: Miquel Puig - Economist

Matteo Lepore Deputy Mayor - City of Bologna	Philip Monaghan Founder & CEO - Infragilis	Boyd Cohen Director of Center for Entrepreneurship - La Universidad de San Andrés

Smart & Open Government

November 13th
12:30 h
Room 4

How can governments be accessed by the citizen to gain a higher involvement and greater transparency?

Moderator: Mila Gascó, PhD - Founder, VP and CEO - Estratic

John F Moore
Founder and CEO - Government in The Lab

Yulong Wu
President - Wuhan Lilosoft Co. Ltd

Theresa A. Pardo
Director - Center for Technology in Government –SUNY Albany

Naoise ó Muirí
Lord Mayor of Dublin, Ireland

City protocol: building together better cities

November 14th
11:30 h
Room 2

Promoting urban innovation and the development of new sustainable and efficient cities by sharing knowledge on cities.

Manel Sanromà
hief Innovation Officer - Barcelona MunicipalityMichael MulquinDirector - IS Communications Ltd - UK

Michael Mulquin
Director - IS Communications Ltd - UK

José Campos
City of San Francisco

Connected cities for economic development

November 14th
15:00 h
Room 2

Economic, social and environmental development at the city and local government level: how do we get all necessary stakeholders involved?

Moderator: Javier Gil Arenales, Director Smarter Cities Business Development Spain Portugal, Greece and Israel - IBM

M José Sobrini
Director of Consultancy, Cisco

Jeb Brugmann
Managing Partner - The Next Practice Ltd.

Neil McInroy
Chief Executive - Centre for Local Economic Strategies (CLES)

Open Data

November 14th
16:00 h.
Room 2

Successful large organization open data schemes.
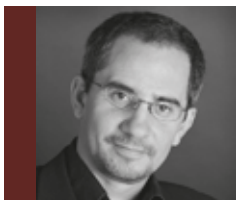
Moderator: Esteve Almirall, Professor - Esade & UPF

Jennifer Bélissent
Principal Analyst - Forrester Research

Thimo Thoeye
e-Strategist at City Council of Ghent

Peter Corbett
EO - iStrategyLabs

Ville Meloni
Helsinki Infoshare

Emergencies & Security

Manuel Valdés
Director de Infraestructures - Ajuntament de Barcelona
Barcelona - Spain

Peter Williams
Chief Technology Officer - Big Green Innovations - IBM
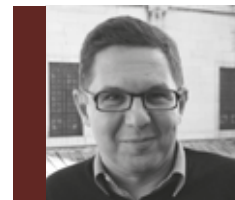
Youssef Diab
Professor and Scientific Director - University Paris Est Marne La Vallée and Paris Graduate Engineering School (EIVP)
Paris - France

ICTs are becoming a key player in helping manage, monitor and detect accidents, system failures or anomalies, and to direct critical situations. They assist the coordination of the police, rescue or emergency health services and the monitoring and management of city resilience. City resilience refers to the city's capacity to react to unexpected natural disasters or accidents that could cause disruptions to urban services or transport networks.

Emergencies & Urban Resilience 1

November 13th
11:30 h.
Room 3

Complex urban services, transport networks and emergency services make up a city's critical infrastructure. What are today's developments with regard to the coordination procedures, schemes and strategies in case of unexpected service disruptions?

Moderator: Ana María Castillo, United Nations Office for Disaster Risk Reduction (UNISDR)

Peter Williams	Shigeki Nishiyama	Youssef Diab	Jose A. Ondiviela
Chief Technology Officer - Big Green Innovations - IBM	Director, Regional Development Division, Policy Planning & Coordination Department - Fukushima Prefectural Government - Fukushima - Japan	University Paris Est Marne La Vallée and Paris Graduate Engineering School	Western Europe Industry Market Development ManagerGovernment – Public Safety/National Security - Public Sector - Microsoft

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Emergencies & Urban Resilience 2

November 13th
12:30 h.
Room 3

Complex urban services, transport networks and emergency services make up a city's critical infrastructure. What are today's developments with regard to the coordination procedures, schemes and strategies in case of unexpected service disruptions?

Moderator: Ana María Castillo, United Nations Office for Disaster Risk Reduction (UNISDR)

Carolina Ribes	Manuel Valdés	Frederick Krimgold	Thomas A. Betro
Gerente Dto. de seguridad - Indra	Director de Infraestructures - Ajuntament de Barcelona	Director of the Disaster Risk Reduction Program - Virginia Tech - Advanced Research Institute	Vice President, Global Law EnforcementAGT International

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City situation room / *In collaboration with:* GLOBALGEO

November 14th
15:00h.
Room 3

City emergency services common operational platforms for information sharing and collaborative decision-making.

Moderator: Robert Widz, EMEA Geospatial Executive Director - Intergraph SG&I

Vesna Milinkovic	Robert Widz	Eric Moncet	David Gorshkov
Senior GI Analyst - London Metropolitan Police	EMEA Geospatial Executive Director - Intergraph SG&I	Thales Smart City Solution Leader - Thales Global Services	Vice President - Safe City Solutions AGT International

Smart GEO

Thomas H. Kolbe
Full Professor and Director
- Institute for Geodesy and
Geoinformation Science,
Berlin University of
Technology
Berlin - Alemania

Eric Moncet
Smart City Solution
Leader - Thales

Paul Sutton
Barbara Hardy Institute
& School of Natural
and Built Environments
- University of South
Australia

Smart Geo covers a wide variety of fields. These range from surveying, geo-information systems, remote sensing and photogrammetric techniques to supplementary solutions and technologies.
The Geographic Information System (GIS) facilitates the analysis of the different systems composing the smart city (energy, environment, mobility...) with visualization solutions of data captured globally (satellites, remote sensing, etc.) and local geo-information data.
Smart Geo also offers a platform for pioneering developments in today and tomorrow's market: multisensor technology in data acquisition, mobile computing, cloud sourcing, 3D applications, using satellite positioning and for the trend towards geo-web solutions.

November 15th
11:30 h.
Room 1

Keynote *Plenary session*

Thomas H. Kolbe
Full Professor and Director -
Institute for Geodesy and
Geoinformation Science, Berlin
University of Technology

From Geo cities to Smart cities / In collaboration with: **GLOBALGEO**

Technologies and standards for managing and representing 3D city models and making data analysis for an improved urban management: geo-information, geo- referencing, geo-location and geo-services.

Ian Downey, UK Ambassador - ESA Integrated Applications
Oriol Sitjà, Director de Negocio - Abertis Telecom
Charlie Catlett, Director of the Center for Urban Systems and Information Sciences - Argonne National Laboratory, Chicago

Moderator: Lluís Sanz, Director of Base Information Informacio & Cartography, IMI - Ajuntament de Barcelona

Sessions

Sensors and mapping (see Technology)
New earth observation (see Environment)
Mobility and location management (see Mobility)
City situation room (see Emergency & Security)

Speakers
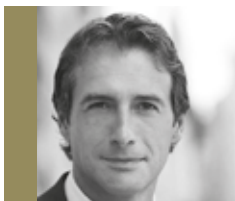
Iñigo de la Serna

Alcalde de Santander -
Santander - Spain
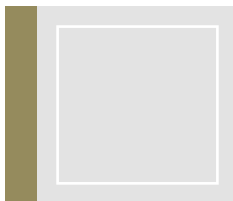
Gloria Piaggio

Head of European
Projects, Genova Smart
City Secretary General -
Comune di Genova
Genova - Italy

James McKay

Councillor - Birmingham
City Council
Birmingham - UK

Ariel Waterman

Haifa municipality - Israel
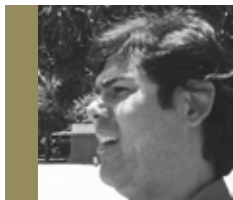
Jorge Pérez

Director de Arquitectura.
Escuela de Arquitectura
y Diseño - Universidad
Pontificia Bolivariana
Medellín - Colombia

Mercè Conesa

Mayor - Sant Cugat
del Vallès
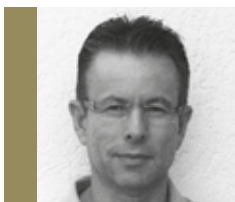
**Luis Felipe
Siqueiros**

Director Técnico -
Guadalajara 2020
Guadalajara - Mexico

**Martha Isabel
Bonilla**

Universidad del Rosario
Bogotá - Colombia

Peter North

Smart City Project - The
Greater London Authority
London - UK

Seiichi Suzuki

Senior Policy Administrator
of Renewable Energy
Promotion Sector, Commerce,
Industry & Labour Department
- Prefectural Government
Fukushima - Japan

Shiro Hamano

Exective Director -
Climate Change Policy
Headquarters, City of
Yokohama
Yokohama - Japan
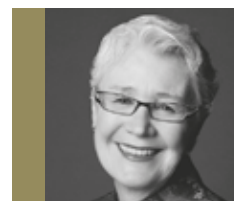
Moura Quayle

Professor - UBC Sauder
School of Business -
Vancouver - Canada

**Martin Venzky-
Stalling**

Senior Advisor - Chiang
Mai Creative City
Development Comittee
(CMCC) @ TDCI, CMU
Chiang Mai - Thailand
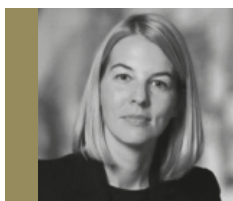
Tjaša Ficko

Deputy Mayor
- City of Ljubljana

Jigang Li

Vice President -
Strategic Business Unit
of Smart City - Digital
China Information
System Co., Ltd.

"Full list of Speakers available at www.smartcityexpo.com"

City and Country cases

Currently, cities are at the center of business and social development. Sustainable challenges and urban growth require cities to be rethought out and redeveloped in order to make them more efficient, environmentally friendly and able to offer a better quality of life. The collaboration between governments, businesses, academics, entrepreneurs and citizens is essential to achieve these goals.

EU Commission Smart Cities Workshop

November 13th
11:30 h
Room 5

Complex urban services, transport networks and emergency services make up a city's critical infrastructure. What are today's developments with regard to the coordination procedures, schemes and strategies in case of unexpected service disruptions?

Moderator: Maurici García, Mobility and Energy Business, Barcelona Digital Technology Centre

Mark Major
Clean Transport and Sustainable Urban Mobility Title Policy Officer - Project Officer - European Commission

Mercè Griera
Scientific Officer - DG Connect - European Commission

Norela Constantinescu
Directorate-General for Energy - European Commission

Colombia Panel

November 13th
12:30 h
Room 5

Moderator: Marco Antonio Peres Useche, Director Observatory of Society, Government and Information Technologies - Externado de Colombia University

Mauricio Trujillo
Alcaldía de Bogotá

Jorge Pérez Jaramillo
Director Instituto de Estudios Metropolitanos y Regionales IEMR-UPB - IEMR Universidad Pontificia Bolivariana Medellín

Martha Isabel Bonilla
CEUS Director , Urban Studies Center - Universidad del Rosario

Marco Antonio Peres
UsecheDirector Observatory of Society, Government and Information Technologies - Externado de Colombia University

Engagement strategies, empowering city stakeholders / In collaboration with:

November 13th
16:00 h
Room 4

With representatives from Guadalajara, Boston, Vancouver & Haifa, this session will explore the vision and implementation of innovative city projects that connect and engage citizens, businesses and entrepreneurs with government objectives & actions.

Moderator: Mike Lake, Executive Director - World Class Cities Partnership - Northeastern University

Rodrigo Herrera Amaya
Mexico/Zapopan, Guadalajara

Ariel Waterman
Israel, Haifa

Moura Quayle
Professor - Souder School of Business at the university of British Columbia

Japan Symposium

Japan case study with special attention to its energy and environmental policies.

Moderator: Kazuo Iwano, Visiting Professor - Tokyo Institute of Technology, Graduate School of Innovation Management - Japan

Shiro Hamano	Shinji Yanagisawa	Seiichi Suzuki	Emiko Murakami	Kouji Miyazawa
Exective Director - Climate Change Policy Headquarters, City of Yokohama	Councilor - Regional Revitalization Bureau, Cabinet Secretariat	Renewable Energy Promotion Sector, Commerce, Industry & Labour Department - Fukushima Prefectural Government	Energy Strategy - Office for Environmental Future City Promotion - Kita Kyushuu	Director of Environmental Policy Planning Section - Bureauof Environment, Tokyo Metropolitan Government

City case: South America

Moderator: Maravillas Rojo, Cideu

Luis Felipe Siqueiros	Ramón Javier Mestre	Germánico Pinto
Director Técnico - Guadalajara 2020	Intendente - Alcaldía de Córdoba (Argentina)	Gerente General -EPMMOP (Empresa Pública Metropolitana de Movilidad Y Obras Públicas)Quito - Ecuador

UK Panel

Moderator: Steve O'Leary, Director of Infrastructure and Low Carbon - UK Trade & Investment

Simon Cook	James McKay	Peter North
Leader - Bristol City Council	Cabinet Member - Green Safe and Smart CityBirmingham City Council	Senior Manager - Programme Delivery (Sustainable Energy), Greater London Authority

City case: Spain

Moderator: Joan Puigdollers, Diputació de Barcelona

Carlos Negreira Souto	David Bueno Vallejo	Miguel Portero Urdaneta
Alcalde - Ayuntamiento de A Coruña	Gerente del Centro Municipal de Informática - Ayuntamiento de Málaga	Gerente - Ecociudad Valdespartera

City case: Europe

November 15th
10:00 h
Room 5

Moderator: David Esteban, Director General - Techforce

Gil Nadais Lord Mayor - Municipality of Águeda	**Jennifer Ekstrom** Symbio city, Sustainability by Sweden	**Olivier Parodi** Administrative Manager of the KIT Focus "Humans and Technology" - Karlsruhe Institute of Technology – KIT	**Lorraine Hudson** Smart City Coordinator - Bristol City Council

City case: Asia

November 15th
11:30 h
Room 5

Moderator: Martin Venzky-Stalling, Senior Advisor - Chiang Mai Creative City Development Comittee, Thailand

Jigang Li Vice President of Strategic Business Unit of Smart City -Digital China Information System Co., Ltd.	**Martin Venzky-Stalling** Senior Advisor - Chiang Mai Creative City DevelopmentComittee, Thailand	**Jin-Hyeok Yang** Director - KC Smart ServiceSeoul, Korea	**Yang Jincai** President - Intelligent Traffic Safety Association of Shenzhen, China

China Panel

November 15th
12:30 h
Room 5

Moderator: Yu Jie, Vice Secretary General - Promotion Alliance of China Smart City Planning and Construction

Shao Weimin Vice Mayor - Wuhan City	**Wang Yanjing** Vice President - China Communications Industry Association/ Promotion Alliance of China Smart City Planning and Construction	**Gu Dedao** The president - Ningbo Smart City Urban Planning & Standard Development Academy	**Guo Huiming** Chief Engineer of Smart City,Institute of China Aerospace Science & Industry Corporation	**Huang Gang** Vice Director General of Guangzhou Panyu DistrictBureau of Science and Information Technology	**Li Jingwen** General Director of People Network (Beijing) Information Technology Co., Ltd. Wuhai Branch

City case: Catalunya

November 15th
17:30 h
Room 2

Moderator: Josep M Berengueras, Technology correspondant, Economy, el Periodico

Carles Ruiz Novella Mayor - Viladecans City Council	**Mercè Conesa i Pagès** Mayor - Sant Cugat del Vallès	**Paco Bustos** Public Space Councilor, Sabadell	**Jordi San Jose** Mayor, Sant Feliu de Llobregat	**Marta Felip** Deputy Mayor, Figueres

Tuesday, Nov. 13th

Time					
09:00	**Allan Jones** R6				
10:00	**New Energy Scenario Challenges** R6			**Technology applied to a new society model** R3	**Participation & Citizen Involvement Challenges** R2
11:00	Coffee break				
12:00	New Energy Sources R6	City Information R2	Emergencies & Urban Resilience 1 R3	Funding Transformation R4	EU Commission Smart Cities workshop R5
13:00	Smart Grid & Energy Storage R6	Interactive environments R2	Emergencies & Urban Resilience 2 R3	Smart & Open Government R4	Colombia Panel R5
14:00	Lunch break +Speaker's corner				
15:00	**Charles Landry** R6			Public-Private Collaboration R4	Changes in Energy Regulation R5
16:00	**The Collaborative City: The key to Smart Society** R6			Engagement Strategies: Empowering Cities R4	Improving energy efficiency R5
17:00	Coffee break				
18:00	Opening Ceremony R6			Social Innovation R4	Needs, ideas, markets R5
19:00					

Please mind: provisional schedule

Legend:

- Energy
- Technology & Innovation
- Smart society & Collaborative city
- Environment
- Urban planning
- Mobility
- Gobernance & Economy
- Emergencies and security
- Smart Geo
- City / country cases
- Ceremonies
- Other sessions / events

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Wednesday, Nov. 14th

Time						
09:00	**Towards the City Protocol Society** R6					New Earth Observation R3
10:00	**Changing Governance Models** R6					Smart Urban Green R3
11:00	Coffee break					
12:00	Big Data R6	Japan Symposium R1	City Protocol: Building together better cities R2	Water Management R3	Impact on Building & Economy R4	ITS & Mobility management 1 R5
13:00	Trends in the IoT & M2M R6			Waste Management & Product Cycle R3	eMobility Infrastructure R4	Multimodal Mobility on Demand R5
14:00	Lunch break +Speaker's corner					
15:00	Michael Braungart R6				Connected Cities for Economic Development R2	City Situation Room R3
16:00	Challenges for more Sustainable Cities R6				Open Data R2	City cases: South America R3
17:00	Coffee break					Mobile Payment and N R5
18:00	New Mobility Paradigms: its, e, multimodal & shared R6	UK Panel R1	Smart Cities: The road to growth R2	Climate Change R3		Barcelona Tap&Go R5
19:00						

20:00 - 22:00   Gala dinner & Awards ceremony

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Thursday, Nov. 15th

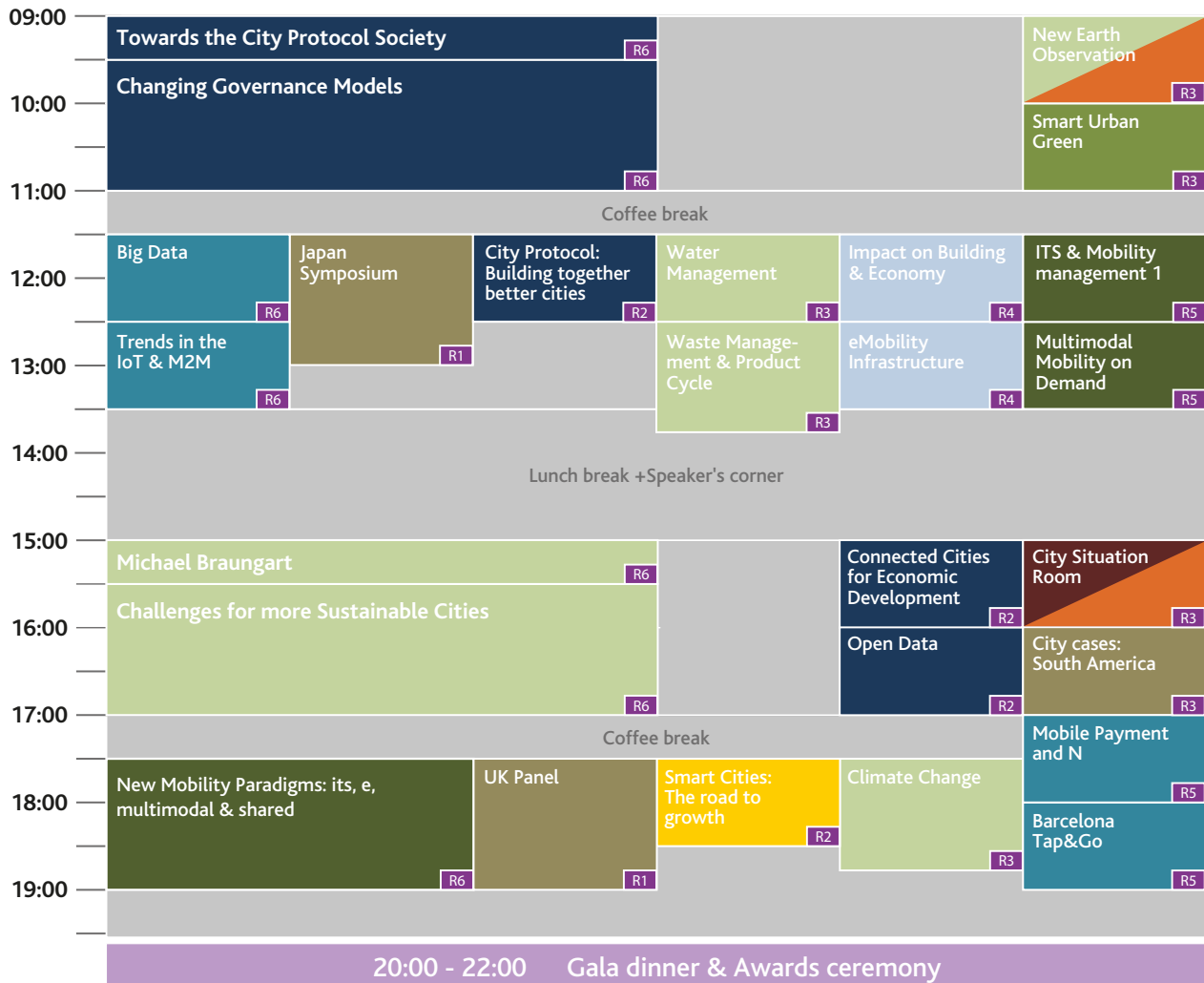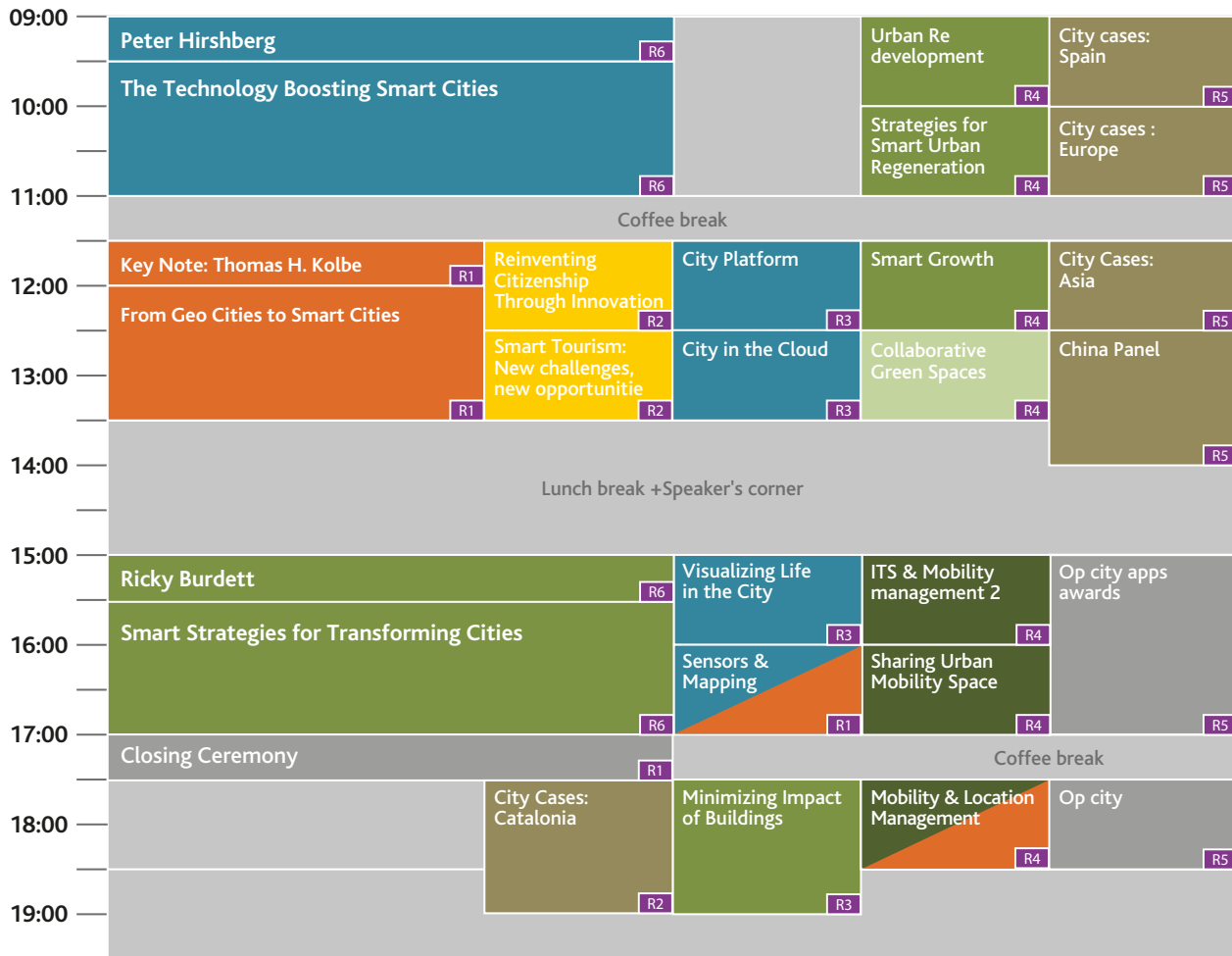| Time						
09:00	**Peter Hirshberg** R6			Urban Re development R4	City cases: Spain R5	
10:00	**The Technology Boosting Smart Cities** R6			Strategies for Smart Urban Regeneration R4	City cases : Europe R5	
11:00	Coffee break					
12:00	Key Note: Thomas H. Kolbe R1 / **From Geo Cities to Smart Cities** R1	Reinventing Citizenship Through Innovation R2	City Platform R3	Smart Growth R4	City Cases: Asia R5	
13:00		Smart Tourism: New challenges, new opportunitie R2	City in the Cloud R3	Collaborative Green Spaces R4	China Panel R5	
14:00	Lunch break +Speaker's corner					
15:00	**Ricky Burdett** R6		Visualizing Life in the City R3	ITS & Mobility management 2 R4	Op city apps awards	
16:00	**Smart Strategies for Transforming Cities** R6		Sensors & Mapping R1	Sharing Urban Mobility Space R4	R5	
17:00	Closing Ceremony R1		Coffee break			
18:00		City Cases: Catalonia R2	Minimizing Impact of Buildings R3	Mobility & Location Management R4	Op city R5	
19:00						

Legend

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