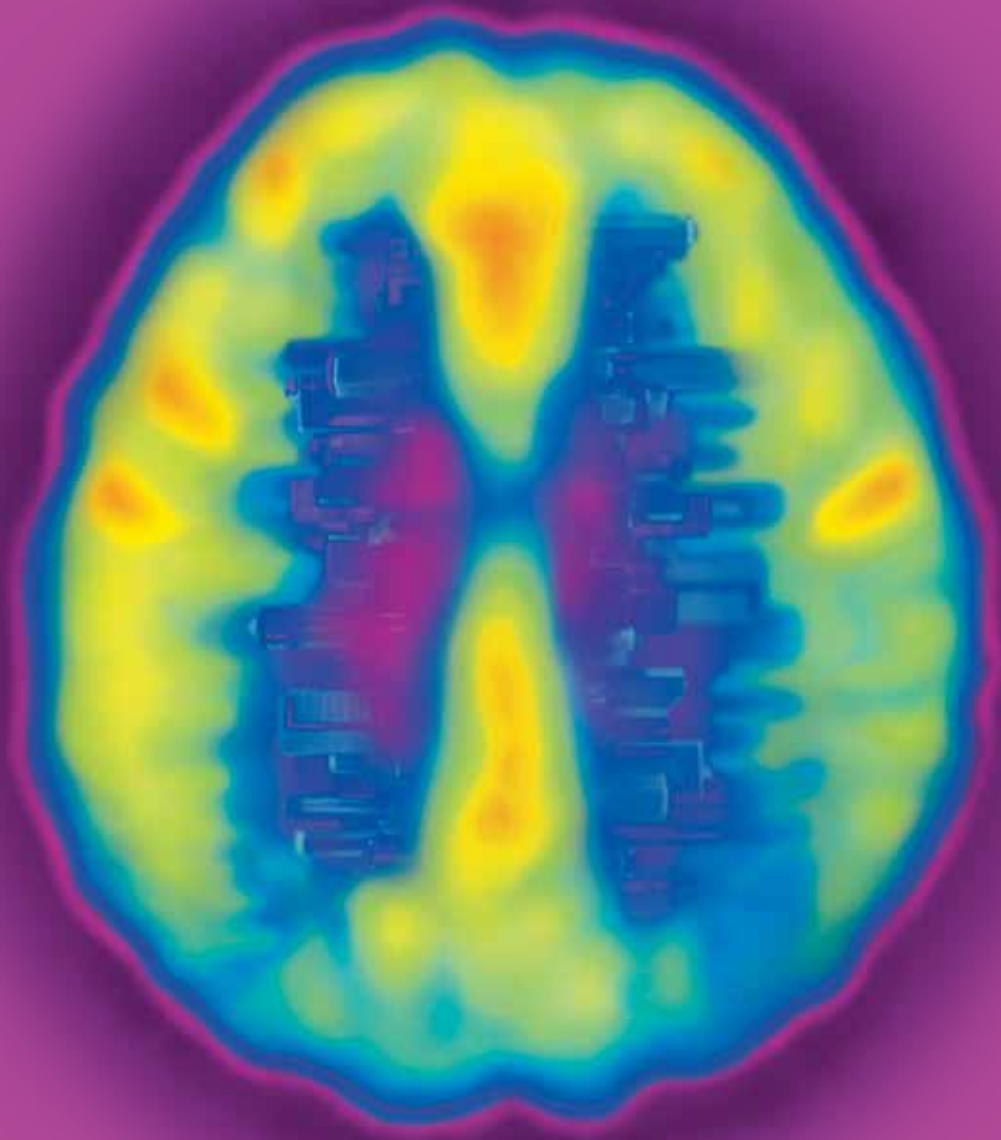


# PROGRAM 2013

UPDATE 20/11/13



## SMART CITIES CHANGE THE WORLD

**Barcelona** 19–21 November 2013  
[www.smartcityexpo.com](http://www.smartcityexpo.com)

## A NEW WAY OF THINKING

The world is changing. We're evolving into a society that doesn't stop growing and that concentrates increasingly in cities. In this context, cities need to be smarter than ever in order to improve everyone's quality of life. And here is where Smart City Expo World Congress plays a key role.

## THE BENCHMARK FOR CHANGE

The Smart City Expo World Congress is an event that has become the industry leader in smart cities. Its position as the benchmark event gives it enormous convening power, and it brought together more than **7.000 visitors, 140 companies and 3.055 delegates** from countries around the world at its last edition.

# IDEAS TO CHANGE THE WORLD

### World Congress

**The Smart City Expo World Congress** will host experts and leaders to share their latest developments, results and strategies. Public and private sectors will meet together to discuss the best ideas and solutions for smart cities. The leading companies will bring and present their knowledge and know-how, innovative solutions and build strong relationships with cities and partners.

# BUSINESS & SOLUTIONS

### Exhibition Area

#### A showcase to the world

Show your innovations and solutions to the world in an event that brings together leaders, experts and big decision-makers from around the world in one place.

### Smart City Plaza

#### Real-time smart solutions

2000 m<sup>2</sup> to display and experience the new products that are spearheading change.

### OIP (Open Innovation Market Place)

#### The smarter way to find investment

A face-to-face encounter between entrepreneurs with new ideas and the people with the means to turn these ideas into a reality.

An integrated vision of all interacting areas in the development of innovative and sustainable cities.

## **KEYNOTE SPEAKERS** PAG. 4

## **ENERGY** PAG. 5-7

Renewable energies, Energy grid, Energy storage, New regulations, Business models, Zero carbon, Climate change, Efficiency, Energy management

## **TECHNOLOGY & INNOVATION** PAG. 8-10

Integration, City platform, Sensors, IoT, Cloud, Big data, Apps, Visualization, Geo information

## **SMART SOCIETY & COLLABORATIVE CITY** PAG. 11-14

New citizen services, Social innovation, Participation Engagement, Entrepreneurship, Urban regeneration

## **GOVERNANCE & ECONOMY** PAG. 15-18

PPP, Smart funding, Open Government New Governance, Open data Economic development

## **SUSTAINABLE BUILT ENVIROMENT** PAG. 19-21

Liveable cities, Smart growth, Green building, Waste management, Product cycle, Urban redevelopment

## **MOBILITY** PAG. 22-24

Intelligent transport systems, Mobility on demand, Sharing services & infrastructures, Public transportation, Service integration, Alternatives energy sources

## **CITY RESILIENCE & SECURITY** PAG. 25-26

Resilience strategies, City rooms, Security & emergencies

## **SMART SPAIN** PAG. 27

## **ELEVATOR PITCH SESSIONS** PAG. 28-30

## **SPEAKERS** PAG. 32-60

## **SESSION PROGRAM** PAG. 61-63

# KEYNOTE SESSIONS

## KENT LARSON

### DESIGN AND TECHNOLOGY FOR HIGH-DENSITY, LIVABLE CITIES

**NOVEMBER 19<sup>TH</sup> 9:30 H.**  
**ROOM 1**

Principal Research Scientist and Director of the Changing Places Group - MIT Media Lab - Department of Architecture and Media Lab - Cambridge - USA

Kent directs the Changing Places research group at the MIT Media Laboratory, focusing on areas such Responsive Housing, Urban Mobility-on-Demand, Living Labs, City Science (technology-driven solutions for future cities challenges) and CityHome (transformable apartment for urban dwellers)

#### INTRODUCED BY

**Celine von der Weid** - Director - Newords - France

## RICHARD FLORIDA

### WHY CREATIVITY IS THE NEW ECONOMY

**NOVEMBER 20<sup>TH</sup> 16:30 H.**  
**ROOM 1**

Professor - University of Toronto and NYU; Senior Editor, The Atlantic - Canada

Author of several global best sellers, including the award-winning "The Rise of the Creative Class", Richard is Director of the Martin Prosperity Institute at Rotman School of Management. He is also founder of the advisory services firm Creative Class Group.

#### INTRODUCED BY

**Jerry MacArthur Hultin** - Senior Presidential Fellow and President Emeritus, Polytechnic Institute of NYU - New York University - New York - USA

## AMORY LOVINS

### REINVENTING FIRE: THE BUSINESS-LED TRANSITION BEYOND FOSSIL FUELS

**NOVEMBER 21<sup>ST</sup> 15:00 H.**  
**ROOM 1**

Co-Founder and Chief Scientist - Rocky Mountain Institute - Boulder - USA

Amory is a consultant and innovator in energy and its links with resources, security, development, and environment. Engineering academician, for four decades he has advised the energy and other industries, briefed 23 heads of state and written 31 books and over 490 papers.

#### INTRODUCED BY

**Dan Ilett** - Founder - Greenbang.com - UK

Cities are a major contributor to CO<sub>2</sub> emissions in Europe and America. Forthcoming challenges include improving efficiencies in energy consumption and transport, increasing production from distributed and renewable sources, developing a new ways of grids energy management, boosting energy production on an urban scale, or reducing the energy needs and its environmental impact.

Plenary Session

KEYS FOR THE  
FUTURE OF ENERGY

NOVEMBER 21<sup>ST</sup> 16:00 H.  
ROOM 1

What are the choices that we have today to decrease our dependence on fossil fuels and nuclear power to generate the electricity needed in cities? How should this alternative system be set up and linked to our cities? Which agenda needs to be developed?

KEY SPEAKER

- Ron Pernick** - Founder and managing director - Clean Edge Inc - Portland - USA
- Mark Van Stiphout** - Head of Cabinet - European Commissioner for Energy - Brussels - Belgium
- Stephen Turner** - Head of Future Cities - Manchester City Council - Manchester - UK

MODERATOR

- Dan Ilett** - Founder - Greenbang.com - UK

Parallel Sessions

NEW BUSINESS MODELS AND ENERGY REGULATION

EG 1

NOVEMBER 19<sup>TH</sup> 12:30 H.  
ROOM 3

The evolution of the energy sector over the forthcoming decade depends significantly on legislation. National and international regulations and international agreements could either facilitate or suppress certain technological developments and the behind-the-scenes businesses that make them possible.

SPEAKERS

- Ron Pernick** - Founder and managing director - Clean Edge Inc - Portland - USA
- Alistair Buchanan** - Former CEO - Office of Gas and Electricity Markets OFGEM - London - UK
- Gil Soto Tolosa** - European Business Development Manager, Lighting Solutions Centre (LSC) - Professional Lighting Solutions Europe - Eindhoven - The Netherlands

MODERATOR

- Michael Kavanagh** - Energy and Utilities Reporter - Financial Times - London - UK

## DISTRIBUTED PRODUCTION, RENEWABLES AND ENERGY STORAGE

EG 2

NOVEMBER 19<sup>TH</sup> 18:00 H.  
ROOM 3

Is it possible, within the urban context, to generate the electricity that cities need? What technologies are available today in order to do this and what will facilitate their development?

### SPEAKERS

**Wolfgang Loibl** - Thematic Coordinator for “Energy in Cities”, Deputy Head of Business Unit Sustainable Buildings and Cities - AIT - Austrian Institute of Technology - Vienna - Austria

**Leonardo Benítez Díez** - Smart Energy Director - Indra - Alcobendas - Spain

**Marcel Macarulla** - Researcher / Assistant lecturer - Group of Construction Research and Innovation (GRIC) - Universitat Politècnica de Catalunya (UPC) - Barcelona - Spain

**Lara Pérez** - Project Manager - GNARUM - Getxo - Spain

**Carlos Merino** - Power Electronics and Control Division Manager - National Hydrogen Center (CNH2) - Puertollano - Spain

### MODERATOR

**Pep Puig** - PhD engineer - Ecoserveis - Barcelona - Spain

## ENERGY MANAGEMENT, SMART GRID & ENERGY EFFICIENCY

EG 3

NOVEMBER 20<sup>TH</sup> 12:30 H.  
ROOM 3

Transport, cooling and heating, lighting, power: how can we improve their performance and efficiency in energy terms?

### SPEAKERS

**Stephen Turner** - Head of Future Cities - Manchester City Council - Manchester - UK

**Steffen Rasmussen** - Head of Department, Traffic Design - Copenhagen - Copenhagen - Denmark

**Laszlo Bax** - Founding Partner - Bax & Willems Consulting Venturing - Barcelona - Spain

**Luís Reis** - Mobility Manager - CEIIA - Portugal

**Antonio Marqués Moreno** - Director of Technology - ETRA Group - Valencia - Spain

### MODERATOR

**Lucienne Krosse** - Program manager - Netherlands Organisation for Applied Scientific Research (TNO) - Eindhoven - The Netherlands

## ZERO CARBON CITIES

EG 4

NOVEMBER 20<sup>TH</sup> 18:00 H.  
ROOM 3

Newly developed buildings and districts with a zero balance in CO<sub>2</sub> emissions, or energy consumed/produced: what are the most interesting and innovative examples? What are the key technological, financial and social elements for their development?

### SPEAKERS

**Joanna Williams** - Senior Lecturer in Sustainable Urbanism, Director of International Communications Bartlett School of Planning and Director of Zero Carbon Realities - Bartlett school of Planning, University College London - London - UK

**Thomas Rau** - Founder and CEO - RAU and Turntoo - Amsterdam - The Netherlands

**Kurt Emil Eriksen** - General Secretary - Active House Alliance - Brussels - Belgium

**Mihaela Thuring** - Researcher - VITO (Flemish Institute for Technological Research) - Mol - Belgium

### MODERATOR

**Arnau Queralt** - Director at Advisory Council for Sustainable Development - Generalitat de Catalunya - Barcelona - Spain

## SMART CITIES, ENGINES OF SUSTAINABLE DEVELOPMENT (BY THE WB)

EG 5

NOVEMBER 21<sup>ST</sup> 11:30 H.  
ROOM 3

Rapid urbanization, particularly in developing countries, presents one of the biggest development challenges of this century. There is a tremendous opportunity to empower cities as agents of change in the shift towards a low carbon, resilient future. This session will highlight some initiatives in this space recently launched by the World Bank.

### SPEAKERS

**Ivan Jaques** - Senior Energy Specialist - ESMAP - World Bank - Washington, DC - USA

**Shannon Lawrence** - Energy Director - C40 Network - London - UK

**Jørgen Abildgaard** - Executive Climate Project Director - City of Copenhagen - Denmark

**Derek Morgan** - Energy Efficiency Manager - Durban Municipality - South Africa

**Rachel Kyte** - Vice President for Sustainable Development, World Bank

### MODERATOR

**Sebastian Martin Scholz** - Task Force on Low-Carbon and Livable Cities - World Bank - Washington DC - USA

## REDUCING THE ENERGY NEEDS AND ITS ENVIRONMENTAL IMPACT

EG 6

NOVEMBER 21<sup>ST</sup> 12:30 H.  
ROOM 3

This session will bring together best practices with regard to the use of energy and the reduction of its environmental impact in the urban context.

### SPEAKERS

**Jørgen Abildgaard** - Executive Climate Project Director - City of Copenhagen - Copenhagen - Denmark

**Kristin Barbey** - Lecturer and visiting professor - KIT Karlsruhe, ENSA Strasbourg - Karlsruhe - Germany

**Jayesh Ranjan** - Vice Chairman & Managing Director - Andhra Pradesh Industrial Infrastructure Corporation (Apiic) - Hyderabad - India

**Mercè Rius** - Environment Representative - Diputació de Barcelona - Barcelona - Spain

**Chris Benardis** - CSR General Manager - Nissan - Geneva - Switzerland

### MODERATOR

**Tim Pryce** - Associate Director - The Carbon Trust - London - UK

SMART CITY EXPO WORLD CONGRESS



# SESSIONS TECHNOLOGY & INNOVATION

“Smart City” has become a broad concept integrating many of the interacting areas of a city: from mobility, energy and environment to governance. The idea behind the concept has proved so powerful that Smart Cities has reached far beyond its starting point of technology (from generating, analyzing and reacting to data to remote-controlling, the internet and other concepts). What key technological developments help us to understand the roots of the idea of “smart”?

## Plenary Session

### IT CITY INTEGRATED VISIONS

**NOVEMBER 19<sup>TH</sup> 10:30 H.**  
**ROOM 1**

How should this new layer of “smart” be added to the existing realities of cities? How would this impact newly developing cities? What implications does it have in terms of its physical infrastructure? Why should cities be willing to become “smart”? What are the management improvements that can be expected and at what cost?

#### KEY SPEAKERS

**Chris Vein** - Chief Innovation Officer for Global Information and Communications Technology Development - World Bank - Washington DC - USA

**Brenna Berman** - CIO Chicago - City of Chicago - Chicago - USA

**Kevin Ashton** - Co-founder and former executive director - MIT Auto\_ID Center - Massachusetts - USA

**Alex Mestre** - Marketing and Business Development Director - Abertis Telecom - Spain

**Andres Ibarra** - Modernization Minister - Buenos Aires - Argentina

#### MODERATOR

**Celine von der Weid** - Director - Newords - France

## Parallel Sessions

### CITY IN THE CLOUD

TI 1

**NOVEMBER 19<sup>TH</sup> 12:30 H.**  
**ROOM 2**

The global spread of the fastest internet networks means that computers, smartphones, tablets and other devices are becoming gateways to systems and the information hosted in remote computers, drives and processors. What are the implications of this game changing context for cities?

#### SPEAKERS

**Paul Doherty** - President & CEO - The digit group, inc. - Collierville - USA

**Jenaro García** - Chief Executive Officer - Let's Gowex, S.A. - Madrid - Spain

**Iemke Idsingh** - Public Sector Solutions Director - Oracle Government Industry Business Unit - Oracle Corporation - De Meern - The Netherlands

**Haifeng Cui** - Vice President, Solution Sales and Marketing Enterprise Business West Europe - Huawei - China

#### MODERATOR

**Jordi Escalé** - CEO Centre de Telecomunicacions i Tecnologies de la Informació - Generalitat de Catalunya - Barcelona - Spain



# SESSIONS TECHNOLOGY & INNOVATION

## THE INTERNET OF THINGS

**TI 2**

**NOVEMBER 19<sup>TH</sup> 18:00 H.**  
**ROOM 2**

Objects are being transformed into sensory beings that can communicate and respond to their status and surrounding conditions and/or send this information and make it available for other devices. This information can be collected, analyzed, be used in decision-making processes, be part of databases for multiple uses or activate other processes or responses.

### SPEAKERS

**Kevin Ashton** - Co-founder and former executive director - MIT Auto\_ID Center - Massachusetts - USA  
**Keping Zhang** - Division Chief - Wuxi Informatization and Radio Administration Bureau - Jiangsu - China  
**Antoni Brey Rodríguez** - CEO - Urbiótica - Barcelona - Spain  
**Eric Dresselhuys** - Executive Vice President, Global Dev. - Silver Spring Networks - San Francisco - USA

### MODERATOR

**Oscar Pallarols** - Competence Center Director - Mobile World Capital Barcelona - Barcelona

## BIG DATA CHALLENGES

**TI 3**

**NOVEMBER 20<sup>TH</sup> 11:30 H.**  
**ROOM 2**

An increasing amount of information from all sources is being generated and stored with the intrinsic challenge of being able to manage meaningful and valuable information, to be able to act on it and to do it in real time. What are the main developments and challenges standing in its way?

### SPEAKERS

**Eric Woods** - Research Director - Navigant Research - London - UK  
**Guy Danon** - Industry Director Local & Regional Government - SAP Europe, Middle East & Africa - Paris - France  
**Jordi Marin** - Smart Cities Director - Indra - Spain  
**Hans Viehmann** - Product Manager EMEA - Oracle - Hamburg - Germany

### MODERATOR

**Gordon Falconer** - Director, Urban Innovation - Cisco Singapore - Singapore

## APPS FOR SOCIETY

**TI 4**

**NOVEMBER 20<sup>TH</sup> 12:30 H.**  
**ROOM 2**

Reinventing local governments and citizenship is giving birth to organizations and initiatives aimed to share code. In this regard, Civic Commons is widening the concept of local government and using 2.0 technologies to involve citizens and collectives, solving their specific problems and taking an active role in the management of cities.  
 Co-organized with ESADE.

### SPEAKERS

**Anette Holm** - CIO - City of Stockholm - Stockholm - Sweden  
**Jarmo Eskelinen** - CEO - Forum Virium - Helsinki - Finland  
**Frank Kresin** - Research Director - Waag Society, Institute for Art, Science & Technology - Amsterdam - The Netherlands  
**Josep Ramon Ferrer** - Director of IT Strategies & Smart City - Municipal Institut of Informatic - Barcelona - Spain

### MODERATOR

**Esteve Almirall** - Associate Professor - Esade - Sant Cugat del Vallès - Spain

# SESSIONS TECHNOLOGY & INNOVATION

## URBAN SOLUTIONS & CITY VISUALIZATION

**TI 5**

**NOVEMBER 21<sup>ST</sup> 11:30 H.**  
**ROOM 2**

Looking at the urban context, a handful of sensors and devices have been purposefully developed as an internet of the city, to help manage more efficiently and in real time. In this regard, maps, graphics, and interactive databases are helping to understand the huge amount of complex data, visually. How will this science, a mixture of design, art and the social and economic, help us to understand our cities?

### SPEAKERS

**Christian Tordo** - Deputy Mayor - City of Nice - Nice - France

**Anne Lange** - Director, IBSG - Cisco Systems - Paris - France

**Sergio Álvarez** - Co Founder and Lead Designer - CartoDB / Vizzuality - Madrid - Spain

**Manel Sanromà** - Chief Information Officer - Barcelona City Council - Barcelona - Spain

**Mateu Crespi** - Smart Metering Manager - Aqualogy - Barcelona - Spain

### MODERATOR

**Francis Pisani** - Independent journalist and writer - Le Monde & el Pais - Paris - France

## TECHNOLOGY STRATEGIES FOR INNOVATIVE CITIES

**TI 6**

**NOVEMBER 21<sup>ST</sup> 17:30 H.**  
**ROOM 4**

There are many different initiatives that cities are undertaking to raise their technological profile: from gaining internal capabilities, opening databases, fostering citizen participation and creativity to implementing new data management models.

### SPEAKERS

**Brian Devlin** - Executive Director of Land and Environmental Services - Glasgow City Council - Scotland

**Philipp Bouteiller** - CEO - Tegel Projekt GmbH - Berlin - Germany

**James Pace** - Managing Director, UK and Ireland - Silver Spring Networks - Redwood City - USA

**Lluïsa Marsal** - Director of the Master Program and the Chair in Smart Cities - University of Girona - Girona - Spain

**Jung-hoon Lee** - Associate Professor of Innovation & Technology Management - Yonsei University - Seoul - South Korea

### MODERATOR

**Carles Rossinyol** - New technologies deputy director - Diputació de Barcelona - Barcelona - Spain

# SESSIONS

## SMART SOCIETY & COLLABORATIVE CITY

How can we, as a community, provide ourselves with a better society to live in? ICTs are setting a new landscape for analysing society, to be able to interact and collaborate, to empower citizens to develop their initiatives, and to foster creativity. The key policies for this new understanding of citizenship deal with collaboration, creativity, right decisions and better place. Cities should share a vision and a way forward for citizens, and public and private organization.

### Plenary Session

## THE CO-CITY: COLLABORATION, ENTREPRENEURSHIP & CREATIVITY

**NOVEMBER 20<sup>TH</sup> 15:00 H.**  
**ROOM 1**

Cities must foster creativity, innovation, economic development and collaboration. They must be an inclusive project for all citizens. Cities must be reinvented and transformed in order so that they become more sustainable, improving quality of life and economic performance. This should be a shared vision and way forward for citizens, and public and private organizations.

#### KEY SPEAKER

**Abha Joshi-Ghani** - Director, Knowledge Exchange & Learning, World Bank Institute - The World Bank - Washington DC - USA

**Jong Sung Hwang** - Head of National IT Policy Group - National Information Society Agency - Seoul - Korea

**Anthony Townsend** - Research Director - Institute for the Future - Palo Alto - USA

**Peter Madden** - CEO - Future Cities Catapult - London - UK

**Fernando Rayón** - Business Innovation Manager - Aqualogy - Barcelona - Spain

**Íñigo de la Serna Hernáiz** - Mayor - Santander - Santander - Spain

#### MODERATOR

**Diana Lind** - Executive Director & Editor in Chief - Next City - Philadelphia - USA

### Parallel Sessions

#### CITIZEN ENGAGEMENT AND PARTICIPATION

CC 1

**NOVEMBER 19<sup>TH</sup> 12:30 H.**  
**ROOM 4**

City governments are looking for new ways of collaborating with their citizens, in order to bridge the difficulty between making decisions and active citizenship. What are some of the new successful strategies for gaining citizen participation?

#### SPEAKERS

**Dan Parham** - Co-founder, CEO - Neighborland - San Francisco - USA

**Hanna Niemi-Hugaerts** - Project Manager - Forum Virium Helsinki - Helsinki - Finland

**Dante Ricci** - Global Marketing and Communications Public Services - SAP Public Services - USA

**Patrizia Di Monte** - Town planning professor, Social Architecture professor - ETSA San Jorge University - Zaragoza - Spain

#### MODERATOR

**Manu Fernández** - Founder - Human Scale City - Getxo - Spain

# SESSIONS SMART SOCIETY & COLLABORATIVE CITY

## SOCIAL INNOVATION

CC 2

**NOVEMBER 19<sup>TH</sup> 17:00 H.**  
**ROOM 5**

How should sustainability and quality of life be understood in order to make them available across the world? Initiatives aimed at enhancing social capabilities, finding new ways of understanding society, creativity and innovation with the focus on how to foster social change for more sustainable societies.

### SPEAKERS

**Adel Ebeid** - Chief Innovation Officer - City of Philadelphia - Philadelphia - USA

**Hiroki Iwasa** - Head of GRA Group - GRA Group - Japan

**Tao Chen** - Associate Professor - Yuntong International Smart Tourism Research Institute, School of Public Administration, Huazhong University of Science and Technology - Wuhan - China

**Juan Pablo Espinosa Burgos** - Gerente Administrativo y Logístico de Agua de Quito - Empresa Pública Metropolitana de Agua Potable y Saneamiento de Quito, Agua de Quito - Quito - Ecuador

### MODERATOR

**Juan Luis Núñez** - Director - Fundación País Digital - Las Condes - Chile

## SMART CITIES AND SMART SOCIETIES

CC SS

**NOVEMBER 19<sup>TH</sup> 18:00 H.**  
**ROOM 5**

City strategies aimed to develop the Smart City agenda of building a more integrated city, more efficient in terms of energy, more sustainable, while keeping the standards of living and making it economically successful.

### SPEAKERS

**Juan Carlos Escobar** - Yachay EP - Quito - Ecuador

**Mirella Marrazzo** - Genova Smart City - Comune di Genova - Italy

**Caterina Sarfatti** - Project Manager International Affairs Department Smart City - Mayor Office City of Milan - Milan - Italy

### MODERATOR

**Carlos Gadsden** - Executive Secretary - International Foundation for the Development of Reliable Governments - Mexico D.F - Mexico

# SESSIONS SMART SOCIETY & COLLABORATIVE CITY

## CO-CREATING CITIES: COULD EVERY CITY BECOME SMART? (BY THE WB)

CC 3

**NOVEMBER 20<sup>TH</sup> 11:30 H.**  
**ROOM 4**

When we think about Smart Cities, we might think either about a technology-intensive city filled with sensors or about cities that use technologies to foster better relationships between citizens and governments. Which approach will appeal to cities in developing countries that do not have the infrastructure or budget to become a technology-intensive city in the short term?

Co-organized with the World Bank

### SPEAKERS

**Jong Sung Hwang** - Head of National IT Policy Group - National Information Society Agency - Seoul - Korea

**Jarmo Eskelinen** - CEO - Forum Virium - Helsinki - Finland

**Liliana Jaimes** - Project Advisor, Information and Communication Technologies Ministry - Government of Colombia - Bogota - Colombia

**Pedro Vidal Matamala** - Smart City unit coordinator, Ministry of Transport - Government of Chile - Santiago de Chile - Chile

### MODERATOR

**Anna Wellenstein** - Disaster Risk Management and Urban Development, Latin America and Caribbean Region - World Bank - Washington - USA

## SOURCING AND FUNDING URBAN INITIATIVES

CC 4

**NOVEMBER 20<sup>TH</sup> 12:30 H.**  
**ROOM 4**

How are development banks helping to source and fund development projects? What are their role and their performance? Which interesting examples fostering smart cities can we highlight?

### SPEAKERS

**Alexandra Vogl** - Urban Development Specialist - Asian Development Bank - Manila - The Philippines

**Ellis J. Juan** - Inter-American Development Bank - Washington D.C - USA

**Chris Vein** - Chief Innovation Officer for Global Information and Communications Technology Development - World Bank - Washington DC - USA

**Víctor Rico** - Corporate Director for Institutional Development and Special Affairs - CAF, Development Bank of Latin America - Caracas - Venezuela

### MODERATOR

**Rafael Pérez Colón** - World Senior Director, Public Sector - International Organizations | Microsoft Corporation - Pozuelo de Alarcón - Spain

# SESSIONS SMART SOCIETY & COLLABORATIVE CITY

## INNOVATIVE CITIZEN SERVICES

CC 5

**NOVEMBER 20<sup>TH</sup> 18:00 H.**  
**ROOM 4**

Today's citizen is more technological, creative, and interactive for we now generate information, demand information and are more participative. We expect to have real-time services, to understand processes, to obtain transparency from organizations and are more demanding, expecting a higher degree of efficiency and better services.

### SPEAKERS

**Alfonso Govela** - Programa Regional de City Changer Labs - ONU-Habitat, ROLAC, Regional Office for Latin America and the Caribbean - Mexico - Mexico

**Zvika Popper** - Director - Sustainable Development & International R&D - Edna Pasher & Associates Management Consultants - Tel Aviv - Israel

**Norihiro Hagita** - Board Director, Director, ATR Fellow - Advanced Telecommunications Research Institute International, Social Media Research Laboratory Group, Intelligent Robotics and Communication Laboratories - Kyoto-city - Japan

**David Johera** - Business Development Manager - Wonderware Spain - Spain

### MODERATOR

**Jerry MacArthur Hultin** - Senior Presidential Fellow and President Emeritus, Polytechnic Institute of NYU - New York University - New York - USA

## ENHANCING COMMUNITY'S CAPACITIES

CC 6

**NOVEMBER 21<sup>ST</sup> 11:30 H.**  
**ROOM 4**

This session will review successful experiences aimed at improving competences and links among the community. Smart cities cannot exist without smart citizens.

### SPEAKERS

**Mario Andrés Meoni** - Mayor - Junin City - Junin - Argentina

**Matthew Marsh** - Creative Director - Firsthand Experience - UK

**Trevor Dorling** - Assistant Director for Employment and Skills - Royal Borough of Greenwich - London - UK

**Enric Bono i Sandiumenge** - Solution Consulting Head - T-Systems Iberia - Barcelona - Spain

**Giorgio Prister** - President - Major Cities of Europe - Rome - Italy

### MODERATOR

**Jordi Williams** - President - Ctecno - Barcelona - Spain

# SESSIONS

## SMART SOCIETY & COLLABORATIVE CITY

### SMART URBAN REGENERATION

CC 7

NOVEMBER 21<sup>ST</sup> 12:30 H.  
ROOM 4

How can we reactivate our cities? Strategies for urban renewal: from the physical infrastructure the environment, mobility, energy efficiency improvements to effective policies and economic performance. How the smart society is engaging in this process?

#### SPEAKERS

- Ilmar Reepalu** - Vice President of the Swedish Association of Local Authorities and Regions - SALAR (the Swedish Association of Local Authorities and Regions) - Malmo - Sweden
- Sylvie Spalmacin-Roma** - Vice President, Smarter Cities, Europe - IBM - Paris - France
- Alexander Prado Lara** - Researcher - AgoraLab - Florianópolis - Brazil
- Cheryl Song** - Deputy Director, Development and Partnerships - Singapore - ETH Centre for Global Environmental Sustainability, Future Cities Laboratory
- Monica Fein** - Intendenta - Municipalidad de Rosario - Argentina

#### MODERATOR

- Søren Smidt-Jensen** - Advisor - International Federation for Housing & Planning - Copenhagen - Denmark



# SESSIONS

## GOVERNANCE & ECONOMY

City governments need to play a major role in the implementation of reform agendas, as they face higher demands from their citizens. This happens in a period of tightening economies for public and private sectors and a challenging share of responsibilities within the public sector itself and between public and private. A new urban services management model needs to be developed with new partnerships with private companies being crucial to developing any new projects. In addition, technology is providing new ways of governance focused on: open government, transparency and open data.

### Plenary Session

## GOVERNANCE CHALLENGES FOR SMART CITIES

NOVEMBER 20<sup>TH</sup> 9:30 H.  
ROOM 1

Mayors and executives will debate the challenges of developing smart cities, improving the quality of life for citizens and developing open and transparent organizations. What are the key issues that technology and innovation should be pointing at in order to foster smarter cities? What are the challenges for achieving more transparent and efficient governments?

#### KEY SPEAKER

- Antoni Vives** - Deputy Mayor for Urban Habitat - Barcelona City Council - Barcelona - Spain
- Pedro Paulo Carvalho** - Secretário Chefe da Casa Civil - Rio de Janeiro - Rio de Janeiro - Brazil
- Charbel Aoun** - Senior Vice-President for Smart Cities - Schneider Electric
- Laura Ipsen** - WW Public Sector VP - Microsoft
- Henry Chesbrough** - Professor, ESADE Business School, Haas School of Business - UC Berkeley

#### MODERATOR

- Mike Lake** - President & CEO - Leading Cities - Boston - USA

### Parallel Sessions

#### PUBLIC-PRIVATE COLLABORATION

GE 1

NOVEMBER 20<sup>TH</sup> 11:30 H.  
ROOM 5

How is the business world collaborating with public administrations to facilitate the provision of new or more efficient services and to develop new collaboration frameworks between them?

#### SPEAKERS

- Jan Annerstedt** - Professor - Copenhagen Business School - Frederiksberg - Denmark
- MattsLager** - Director Strategic Sales Sweden - Schneider Electric Sweden
- Emilio Fernández Rodríguez de Liévana** - Santander Director - Aqualia - Santander - Spain
- Volker Buscher** - Board Member - Smart London - London - UK

#### MODERATOR

- Eric-Mark Huitema** - Global Manager, WW Smarter Transportation Leader - IBM - The Netherlands

# SESSIONS

## GOVERNANCE & ECONOMY

### EU SMART CITIES AND COMMUNITIES

GE 2

NOVEMBER 20<sup>TH</sup> 12:30 H.  
ROOM 5

Joint efforts from the Connect, Move and Energy EU General Directions aimed at identifying needs and developing solutions, as well as providing information for policy support in the development of Smart Sustainable Communities.

**SPEAKERS**

- Colette Maloney** - Smart Cities and Sustainability Head of Unit - DG CONNECT European Commission - Brussels - Belgium
- Magdalena Andreea Strachinescu** - New energy technologies, innovation and clean coal Head of Unit - DG ENER European Commission - Brussels - Belgium
- Juanjo Hierro** - Architecture Board - FI-LABFuture Internet Public-Private Partnership - Spain

**MODERATOR**

**Jordi Puigneró** - IT Society General Director - Generalitat de Catalunya

### NEW GOVERNANCE FRAMEWORKS FOR SMART CITIES

GE 3

NOVEMBER 20<sup>TH</sup> 18:00 H.  
ROOM 5

How has technology changed the way in which governments develop their leadership?

**SPEAKERS**

- Oisín Quinn** - Lord Mayor - City of Dublin - Dublin - Ireland
- Eddie Bet Hazavdi** - Director of Energy Conservation and Smart Cities Department - Ministry of Infrastructures Energy and Water - Jerusalem - Israel
- Yanjing Wang** - Vice President - Internet of Things Application Branch, China Communications Industry Association (CCIA-ITAB) - Beijing - China
- Carlos Negreira Souto** - Mayor - Ayuntamiento de A Coruña - A Coruña - Spain

**MODERATOR**

**Joan Enric Ricart** - Carl Schroder Professor of Strategic Management - IESE Business School - Universidad de Navarra - Barcelona - Spain

### SMART ECONOMIC DEVELOPMENT THROUGH GOVERNANCE

GE 4

NOVEMBER 21<sup>ST</sup> 11:30 H.  
ROOM 6

How can we effectively use technology in governance to support economic development? How can governments identify needs and effectively help develop projects into effective products and solutions?

**SPEAKERS**

- Kari Kankaala** - Executive Director - City of Tampere - Tampere - Finland
- James Waring** - Clean Tech Council President - City of San Diego - San Diego - USA
- Andrea Braeuning** - PhD Researcher - University of the West of Scotland (UWS) - Esslingen - Germany
- María Jesús Villamediana** - City Services Councillor - Las Rozas City Council - Madrid - Spain

**MODERATOR**

**Alain Le Saux** - General secretary - Metropolis, World Association of Major Metropolises - Barcelona - Spain

# SESSIONS GOVERNANCE & ECONOMY

## OPEN DATA SUCCESSFUL SCHEMES

GE 5

**NOVEMBER 21<sup>ST</sup> 12:30 H.**  
**ROOM 6**

Free, open source, cross-department, unclassified public information to be made available to be developed further by the community: are these schemes a threat or an opportunity for the good of the society?

### SPEAKERS

**Chris Taggart** - Co-founder & CEO - Open Corporates - London - UK

**Kim Spiegelberg** - Acting Head of Digitalization - Technical and Environmental Administration, City of Copenhagen - Copenhagen - Denmark

**Javier Sáenz Coré** - Coordinator for the MuNet e-Government program - Organization American States - Bahia Blanca - Argentina

**Raúl González** - Product Manager - Abertis Telecom - Spain

**Joel Cherkis** - General Manager, Worldwide Government Industry Sales - Microsoft - Seattle - USA

### MODERATOR

**Jennifer Bélissent** - Ph.D., Principal Analyst, Serving CIOs - Forrester Research - Les Houches - France

## SMART & OPEN GOVERNMENT

GE 6

**NOVEMBER 21<sup>ST</sup> 17:30 H.**  
**ROOM 6**

Today's governments have to deal with an active citizenship, willingly taking part in city politics on a regular basis and not just when there is an election call. Social movements, advocacy, media and government interaction through different frameworks are essential to today's decision-making process.

### SPEAKERS

**Alan Shark** - Executive Director - Public Technology Institute - Washington DC - USA

**Helen Darbishire** - Executive Director - Access Info Europe - Madrid - Spain

**Sergio Massa** - Intendant - Tigre, City of Buenos Aires - Buenos Aires - Argentina

### MODERATOR

**Francisco Miranda** - Editor - Revista Semana - Bogota - Colombia

# SESSIONS GOVERNANCE & ECONOMY

## CITY PROTOCOL TASK FORCE METHODOLOGY

GE CP

**NOVEMBER 20<sup>TH</sup> 11:30 H.**  
**ROOM 7**

This session will be reviewing the development of a community aimed to leverage knowledge and experiences in city transformations worldwide: an international association of cities, commercial and non-profit organizations, universities and research institutions whose role is to develop the City Protocol, a system's approach to rationalize and document city transformation.

### SPEAKERS

**Manel Sanromà** - Chief Information Officer - Barcelona City Council - Barcelona - Spain

**Vicente Gualart** - Chief Architect - Barcelona City Council - Barcelona - Spain

**Francesc Giralt** - Director - City Protocol Society Affairs - Barcelona - Spain

**Gloria Piaggio** - Chief Innovation Officer - Genoa - Genoa - Italy

## OPEN CITIES

GE OC

**NOVEMBER 21<sup>ST</sup> 12:30 H.**  
**ROOM 2**

Awards ceremony for the "Open Cities" initiative: an EU financed project aiming to check the approach "Open & User Driven Innovation" with the public sector and leveraging existing tools, trials and platforms for Crowdsourcing, Open Data, Fiber-to-the-Home and Open Sensor Networks in seven major European cities: Helsinki, Berlin, Amsterdam, Paris, Rome, Barcelona and Bologna.

Co-organized with ESADE

### CEREMONY DIRECTORS

**Per Blixt** - Head of Unit - European Commission - Brussels - Belgium

**Carles Ferreiro** - CEO - dotopen - Barcelona - Spain

**Esteve Almirall** - Associate Professor - Esade - Sant Cugat del Vallès - Spain

# SESSIONS

## SUSTAINABLE BUILT ENVIRONMENT

The world is facing major environmental challenges caused by the production of energy and the consumption of natural resources needed by our cities. A sustainable built environment tackles this challenges rethinking how we live and work in them. Cities must care about the urban environment (air, water and land resources), and have to integrate within them different kinds of green spaces, urban services and urban utilities into a smarter and more sustainable urban model.

### Plenary Session

## THE FUTURE OF URBAN SUSTAINABILITY

NOVEMBER 19<sup>TH</sup> 15:00 H.  
ROOM 1

What are the challenges of the 21st century that cities most urgently need to tackle? What is ranking top on political agendas for sustainable urban settlements? Is technology providing the necessary new tools for them to be more sustainable, inclusive, innovative, and economically successful?

#### KEY SPEAKER

- Larry Ng Lye Hock** - Urban Design Director - Urban Redevelopment Authority - Singapore
- Sam Adams** - Executive Director - City Club of Portland - Portland - USA
- Amitabh Kant** - CEO & Managing Director - Delhi Mumbai Industrial Corridor Development Corporation - New Delhi - India
- Sylvie Spalmacin-Roma** - Vice President, Smarter Cities, Europe - IBM - Paris - France
- Nicholas Brooke** - Chairman - Hong Kong Science & Technology Parks Corporation - Hong Kong - Hong Kong
- Antonio Alfonso Avelló** - International Department Director - FCC Environmental Services - Madrid - Spain

#### MODERATOR

- Cristiana Fragola** - Regional Director, Europe - C40 - Milan - Italy

### Parallel Sessions

## RETHINKING CITIES: SMART GROWTH

SB 1

NOVEMBER 19<sup>TH</sup> 12:30 H.  
ROOM 5

This urban strategy aims to improve urban sustainability and self-sufficiency while maintaining cities’ demand for growth. What are the most successful developments of growing smart across the world?

#### SPEAKERS

- Luis Fernando Arboleda** - President - FINDETER Financial institution for Development - Bogota - Colombia
- Larry Ng Lye Hock** - Urban Design Director - Urban Redevelopment Authority - Singapore
- Ross Hudson** - Development, Enterprise & Environment - Greater London Authority - London - UK
- Nobuya Suzuki** - Vice Mayor - City of Yokohama - Yokohama - Japan

#### MODERATOR

- Gustavo Ribeiro** - Head of Cities Programme - Dansk Arkitektur Center - Copenhagen - Denmark

# SESSIONS

## SUSTAINABLE BUILT ENVIRONMENT

### RETHINKING CITIES: SUSTAINABLE CITIES

SB SC

NOVEMBER 19<sup>TH</sup> 18:00 H.  
ROOM 4

How cities can become more efficient in terms of services provided, more economically dynamic, more diverse and inclusive, more innovative, while keeping high standards of living and environmental protection.

#### SPEAKERS

- Roi Chiti** - Coordinator, Substantive Programme - World Urban Forum Secretariat - Nairobi - Kenya
- Daniel Ortiz** - Mayor - Móstoles City Council - Móstoles - Spain
- Dr. Barbara Möhlendick** - Coordinator for Climate Protection - City of Cologne - Germany
- Ximena Nuñez** - Secretaría Comunal de Planificación - Municipalidad de Vitacura -Santiago - Chile

#### MODERATOR

- Sunil Dubey** - Advisor - Metropolis World Association - Sydney - Australia

### RETHINKING CITIES: LIVEABLE CITIES

SB 2

NOVEMBER 19<sup>TH</sup> 17:00 H.  
ROOM 7

As the population living in cities is still increasing, how can we achieve more sustainable urban environments while keeping their vibrancy and liveability?

#### SPEAKERS

- Melanie Nutter** - Director - San Francisco's Department of Environment - San Francisco - USA
- Pieter van Heyningen** - Programme Manager & PhD Candidate - Stellenbosch Innovation District; School of Public Leadership, Stellenbosch University - Cape Town - South Africa
- Lucy Bullivant** - Founder and Editor-in-chief - Urbanista.org - London - UK
- Maria Aiolova** - Co-Founder and Director of Education - Terreform ONE - New York - US

#### MODERATOR

- Lluís Comerón** - Dean - Col·legi Arquitectes de Catalunya - Barcelona - Spain

### IMPROVING URBAN WASTE MANAGEMENT

SB 3

NOVEMBER 20<sup>TH</sup> 11:30 H.  
ROOM 6

Waste is a twofold challenge in cities: from homes to wasteland and, sometimes less considered, from source to homes. New thinking is required to tackle both parts of the problem. How can we decrease the waste produced and increase the recycling rate all the while making the whole process more efficient?

#### SPEAKERS

- Valmir Fachini** - Project Coordinator of Bioenergy and Reforesting in Viva Rio Haiti - El Instituto Ambiental/ Viva Rio - Petropolis, Rio de Janeiro - Brazil
- Eduardo Fernández** - R+D+I & Urban Sustainability Director - Urbaser - Madrid - Spain
- Imran Khan** - Assistant Manager, Voice for Waste programme - Chintan Environmental Research and Action Group - New Delhi - India
- Ignacio Arespacochaga** - ITS Director - FCC Environment - Madrid - Spain

#### MODERATOR

- Moderator** - Generalitat de Catalunya - Barcelona - Spain

# SESSIONS

## SUSTAINABLE BUILT ENVIRONMENT

### SUSTAINABLE URBAN DEVELOPMENT

SB 4

NOVEMBER 20<sup>TH</sup> 12:30 H.  
ROOM 6

The most interesting projects developed with sustainability criteria and high technological standards are becoming models for transforming our cities.

#### SPEAKERS

**Nicholas Brooke** - Chairman - Hong Kong Science & Technology Parks Corporation - Hong Kong - Hong Kong  
**Miguel Veríssimo** - Architect and Researcher - Solar Trap - Architects (Armadilha Solar - arquitectura) Porto - Portugal

**Camilo Valdivia** - Architect - Camilo Valdivia Arquitecto - Barcelona - Spain

**Roman Llagostera** - Deputy Manager of Environment and Urban Services - Barcelona City Council - Barcelona - Spain

**Stig L. Andersson** - Director of Innovation, Founding Partner, Professor - SLA and The University of Copenhagen - Copenhagen - Denmark

#### MODERATOR

**Lluís Domènech** - Director of Architecture - Barcelona Sagrera Alta Velocitat - Barcelona - Spain

### URBAN GREEN & URBAN AGRICULTURE

SB 5

NOVEMBER 20<sup>TH</sup> 18:00 H.  
ROOM 6

Cities must care and protect the environment to integrate different kinds of green spaces and urban agriculture within the urban fabric. Is it possible to invest less and gain more socially from those areas? How productive is urban agriculture? Collaborative experiences on urban green.

Co-organized with Materia Verda

#### SPEAKERS

**Ben Flanner** - Head Farmer, President - Brooklyn grange farm - New York - USA

**Roman Gaus** - CEO - UrbanFarmers AG - Zürich - Switzerland

**Pam Warhurst** - Hairperson - Incredible edible Todmorden - Todmorden - UK

#### MODERATOR

**Joan Rieradevall** - Professor Department Chemical Engineering , Researcher ICTA and Coordinator of Environmental Science Studies - Universitat Autònoma de Barcelona - Barcelona - Spain



The context that sets the development of the smart cities is specially challenging in the framework of the mobility gridlock. With world population growing and concentrating in cities, the capacity of our road and street network has reached in many cases its physical and environmental capacity. Further than the problem of CO2 emissions, “a traffic jam with no emissions is still a traffic jam”. In this regard, there is a widespread development of new ICTs for all means of transport, service integration, sharing schemes and mobility management. There is also a car-centered city planning refocusing on how to make cities more pedestrian, bicycle and public transport friendly, while an expansion of new infrastructures to facilitate the use of alternative energy sources.

## Plenary Session

# MOBILITY FOR INNOVATIVE CITIES

NOVEMBER 21<sup>ST</sup> 9:30 H.  
ROOM 1

This panel will be looking both inside and outside the box with regard to the issue of the urban mobility gridlock. What should political agendas consider in order to have more efficient and sustainable urban mobility?

### KEY SPEAKER

**Mohinder Singh** - Dean - Land Transport Authority - Singapore

**David L. Bragdon** - Executive Director, Former Long-term Planning Director NYC - Transit Center, Inc. - New York - USA

**Dario Hidalgo** - Director Research and Practice - EMBARQ, Sustainable Transport and Urban Development Program at WRI - Bogota - Colombia

**Owen Poole** - Marketing Director, Transport & Security - Thales Group - Velizy - France

**Eduardo Bonet** - Deputy Executive, Vice President - Indra Sistemas - Alcobendas - Spain

**Jorge Estévez San Román** - CEO Iberia - Spain, Portugal & Morocco - Thyssenkrupp Elevators - Spain

### MODERATOR

**Sommer Mathis** - Editor - The Atlantic Cities - USA

Parallel Sessions

SMART MOBILITY SOLUTIONS

MO 1

NOVEMBER 20<sup>TH</sup> 12:30 H.  
ROOM 7

From social networks to Bluetooth: how do real-time tools, and the latest solutions to gather information, help us to act upon data received, assist short and long-term planning and disseminate transit and traffic information.

SPEAKERS

- Chris Borroni-Bird** - VP Strategic Development - Qualcomm - Detroit - USA
- Jean Louis Fiorucci** - President - SUDE - Nice - France
- Maria Serrano** - SmartCity Excellence Center Director - Schneider Electric - Barcelona - Spain
- André Martins Dias** - Head of Intelligent Systems - CEIIA - Portugal
- José Antonio López Becerra** - Systems and Technologies Manager - Saba Infraestructuras - Barcelona - Spain

MODERATOR

**Francesc Robusté** - Professor of Transportation, Director of CENIT, Center for Innovation in Transport - UPC Universitat Politècnica de Catalunya, BarcelonaTech. - Barcelona - Spain

INTELLIGENT TRANSPORT SYSTEMS

MO 2

NOVEMBER 20<sup>TH</sup> 18:00 H.  
ROOM 7

The newest solutions and developments to help live vehicle traffic management in cities will be reviewed with a focus on the extra services and improvements being provided?

SPEAKERS

- Eric-Mark Huitema** - Global Manager, WW Smarter Transportation Leader - IBM - The Netherlands
- Paul Manwaring** - Co-founder and Creative Director - Glimworm IT BV - Amsterdam - The Netherlands
- Jonathan Carter** - Co-founder & Technical Director - Glimworm IT BV - Amsterdam - The Netherlands
- Inés Mougá** - Head of Strategy & Development - Thales Communications & Security (TCS) - Thales Group - Vélizy Cedex - France
- Guillermo Fernández de Peñaranda** - Head of Sales Key Accounts Division - Thyssenkrupp Elevators

MODERATOR

**Marc Torrent Moreno** - Head of R+D Mobility and Energy - Barcelona Digital Technology Centre - Barcelona - Spain

CO-MOBILITY: SHARING URBAN MOBILITY SERVICES

MO 3

NOVEMBER 21<sup>ST</sup> 11:30 H.  
ROOM 7

Which are the most interesting apps and initiatives, coming from both citizens and organizations, facilitating transport in cities: finding taxis, parking spaces, bikes, car sharing, safest routes, etc.

SPEAKERS

- Véronique Lamblin** - Foresight and Strategy studies director - Futuribles - Paris - France
- Albert Remke** - Director - 52°North Initiative - Germany
- Adam White** - Principal and co-founder - Group Shot - Boston - USA

MODERATOR

**Maurici García** - Business Manager - Barcelona Digital Technology Centre - Barcelona - Spain

## KEYS FOR PUBLIC TRANSPORTATION SUCCESS

MO 4

NOVEMBER 21<sup>ST</sup> 12:30 H.  
ROOM 7

Density, public transport integration schemes, specialized lanes, solutions for the last mile, ITS tools. What key elements define successful public transportation schemes for cities?

### SPEAKERS

**Dario Hidalgo** - Director Research and Practice - EMBARQ, Sustainable Transport and Urban Development Program at WRI - Bogota - Colombia

**Anja Georgi** - Managing Director - NiO - Nahverkehr in Offenbach GmbH, NiO - Public transport for the city of Offenbach - Offenbach am Main - Germany

**Keiichihiro Nakanishi** - Deputy General Manager - Smart City Project Division, Social Innovation Business Project Division, Hitachi, Ltd. - Tokyo - Japan

**Javier Sesma** - Managing Director - Thyssenkrupp Elevators - Gijón - Spain

### MODERATOR

**Projjal K. Dutta** - Director, Sustainability Initiatives - New York Metropolitan Transportation Authority - New York - USA

## THE BUILT ENVIRONMENT FOR MOBILITY

MO 5

NOVEMBER 21<sup>ST</sup> 17:30 H.  
ROOM 7

Mobility explained through the built environment. What is the success of policies prioritizing public transportation, pedestrians and bicycles, and limiting the space available for cars? How should we organize and prioritize cities' public space, the space between buildings?

### SPEAKERS

**Peter Park** - Former planning director Denver, Colorado and Milwaukee, Wisconsin - University of Colorado - Denver

**Adie Tomer** - Senior Research Associate and Associate Fellow, Metropolitan Policy Program - Brookings Institution - Washington DC - USA

**Adrià Gomila** - Mobility Director - Barcelona City Council - Barcelona - Spain

**Mauricio Valencia** - Infrastructure Secretary - Gobernación de Antioquia - Medellín - Colombia

### MODERATOR

# SESSIONS

## CITY RESILIENCE AND SECURITY

City resilience refers to the city’s capacity to react to unexpected situations as natural disasters or accidents that could cause disruptions on urban services or transportation networks. ICTs are becoming a key partner to help manage, monitor and detect critical situations once they occur. This includes police, rescue or emergency health services coordination and city services monitoring and management.

### Parallel Sessions

#### URBAN RESILIENCE STRATEGIES

CR 1

NOVEMBER 19<sup>TH</sup> 12:30 H.  
ROOM 7

The case of hurricane Sandy in New York City, and other similar events, called into question several important issues in the urban context. In this regard, urban resilience is today framing adaptation and mitigation strategies against climate change.

##### KEY SPEAKER

**Manuel Valdés** - Deputy Manager of Infrastructure and Urban Coordination - Barcelona City Council - Barcelona - Spain

**Andrew Smyth** - Chair of the Smart Cities Center of the Institute for Data Science and Engineering, Professor of Civil Engineering & Engineering Mechanics - Columbia University - New York - USA

**Dan Lewis** - Chief of Urban Risk Reduction Unit, Risk Reduction and Rehabilitation Branch - Human Settlements Programme (UN-Habitat) - Nairobi - Kenya

**Ignacio Valero** - Researcher - CIMNE - Barcelona - Spain

##### MODERATOR

**James Watson** - Editorial director - Longitude research - UK

#### CITY SERVICES FOR SECURITY AND EMERGENCIES

CR 2

NOVEMBER 19<sup>TH</sup> 18:00 H.  
ROOM 7

Urban resilience refers to the urban capacity to provide better emergencies services (police, fire and health) in any given conditions. What technological infrastructures are required to provide these services?

##### SPEAKERS

**Yasuo Utsumi** - Prof., Dr. Engineering, Vice President - Sendai National College of Technology - Natori - Japan

**Pedro Paulo Carvalho** - Secretário Chefe da Casa Civil - Rio de Janeiro - Rio de Janeiro - Brazil

**Bob Mainguy** - Director Global Business Development - Thales Communications and Security - Velizi - France

**Norman Frisch** - Wireless Enterprise - Huawei - London - UK

**Carlos Moreno** - Professor - Scientific Committee of the High Council for Strategic Education and Research (CSFRS) - La Oefense - France

##### MODERATOR

**Dan Lewis** - Chief of Urban Risk Reduction Unit, Risk Reduction and Rehabilitation Branch - Human Settlements Programme (UN-Habitat) - Nairobi - Kenya

# SESSIONS

## CITY RESILIENCE AND SECURITY

### OPERATIONAL PLATFORMS FOR RESILIENT CITIES

**CR 3**

**NOVEMBER 21<sup>ST</sup> 17:30 H.**  
**ROOM 3**

Reducing the consequences of unexpected events and accidents includes having the infrastructures to properly react once they occur. ICT technologies are a key partner for administration bodies to react and also for citizens to interact.

#### **SPEAKERS**

**Frederick Krimgold** - Director, Disaster Risk Reduction Program, Advanced Research Institute, Virginia Tech - Virginia Polytechnic Institute and State University - Arlington - USA

**Roberto Urrea Ramírez** - Director de Operación - Sistemas Inteligentes en Red - Medellin - Colombia

**Mirko Masi** - Communication Service Manager - Abertis Telecom

**Mrinalini Ingram** - Senior Director, Strategy & BD - Cisco Smart+Connected Communities - USA

#### **MODERATOR**

**Ana Campos García** - Senior Disaster Risk Management Specialist, Urban Development Department - The World Bank - Washington, DC - USA

# SMART SPAIN

Successful cases of the smart city strategy developed in Spain. This track is co-organized with the Spanish Network of Intelligent Cities (RECI).

PUBLIC PRIVATE PARTNERSHIPS FOR THE PROVISION OF URBAN SERVICES

SS1

NOVEMBER 19<sup>TH</sup> 18:00 H.  
ROOM 6

Current legislation on the contract of public services has already facilitated a number of successful experiences of partnerships between companies and public administration. What key points make for this success?

SPEAKERS

- Concepción Gamarra Ruíz-Clavijo** - Mayor - Logroño City Council - Logroño - Spain
- Assumpta Escarp** - Regidora - Ajuntament de Barcelona - Barcelona - Spain
- Joan Carles Sánchez Salinas** - Mayor - Sabadell City Council - Sabadell - Spain
- Íñigo de la Serna Hernáiz** - Mayor - Santander - Spain

MODERATOR

- Lluís Cases** - Partner - J&A Garrigues, SLP - Barcelona - Spain

THE INTELLIGENT CITIES' SPANISH NETWORK DEVELOPMENT

SS2

NOVEMBER 20<sup>TH</sup> 18:00 H.  
ROOM 2

June 2011 witnessed the start of the activity of an innovative initiative in Spain, the Spanish Intelligent Cities Network, aiming a collaboration between cities towards a better quality of life and more efficient citizen services. We explore what has been achieved and what the path ahead is for this leading organization.

SPEAKERS

- Íñigo de la Serna Hernáiz** - Mayor - Santander - Santander - Spain
- Beatriz Simón** - Concejala de Empleo, Sociedad de la Información, Innovación y Proyectos Emprendedores - Valencia City Council - Valencia - Spain
- Pedro González Torroba** - Subdirector General de Desarrollo Económico e Innovación - Ayuntamiento de Madrid - Madrid - Spain
- José Vicente Valdenebro** - Gerente Municipal - Pamplona - Pamplona - Spain

MODERATOR

- Pablo Sánchez Chillón** - Innovative Urban Planner - Eolexcitylab - Alicante - Spain

MANAGING SERVICE PROVISION THROUGH INDICATORS

SS3

NOVEMBER 21<sup>ST</sup> 17:30 H.  
ROOM 2

Indicators are changing the way in which services are provided; they are being incorporated for both management and monitoring purposes. The information generated can be used afterwards for the better understanding of and planning for future services. This session will look into the most innovative experiences.

SPEAKERS

- Ramon Ferri** - Head of Information and Communication Technologies department - Valencia Municipality - Valence - Spain
- Carlos Ventura Quilon** - Jefe Departamento de Telecomunicaciones - Rivas Vaciamadrid - Spain
- Pedro González Torroba** - Subdirector General de Desarrollo Económico e Innovación - Ayuntamiento de Madrid - Madrid - Spain

MODERATOR

- José Antonio Teixeira Vitienes** - Innovation General Manager - Santander City Council - Santander - Spain

# ELEVATOR PITCH SESSION

60 minutes of 4 minutes presentations from selected papers coming from the Smart City Expo World Congress “Call for paper”.

## MOBILITY ELEVATOR PITCH SESSION

EP1

NOVEMBER 19<sup>TH</sup> 12:30 H.  
ROOM 6

### SPEAKERS

- Ludovic Broquereau** - VP Marketing & Business Development - HIKOB - Villeurbanne Cedex - France
- Louis-Alban Batard** - Spain Director - Connecthings, European NFC tag management leader - Madrid - Spain
- Markus Barnikel** - CEO & Managing Director - Carpooling.com GmbH - Munich - Germany
- Thorsten Schäfer** - CEO - azeti Networks AG - Berlin - Germany
- Juan Luis Sampedro** - CEO - Skybus - Pozuelo de Alarcón - Spain
- Katrin Saternus** - Spokesperson, Corporate Communication - Daimler Mobility Services GmbH - Stuttgart - Germany
- Jaciel Reyes Giraldo** - Director of Product Design - Capmar Information Systems - Ripollet - Spain
- Asdrúbal Pichardo** - Managing Director EMEA & APAC - Streetline, Inc. - Schriesheim - Germany
- Albert Malagarriga** - Founder - ParkedInside - Esplugues de Llobregat - Spain
- Xavier Martí** - Chief Executive Officer - IGS Research - La Pobla de Mafumet - Spain

## ENERGY ELEVATOR PITCH SESSION

EP2

NOVEMBER 20<sup>TH</sup> 11:30 H.  
ROOM 3

### SPEAKERS

- Armando Florencia Suay** - Xial Energy Manager - Xial Domotecnología - Villatuerta - Spain
  - Antonio Royo** - General Manager - UVAX Concepts S.L. - Paterna - Spain
  - Antoni Orti Hernández** - Project Manager - OTEM2000. Green Solutions & Management S.L. - Barcelona - Spain
  - Siwanand Misara** - Scientific Researcher & Industrial Acquisition Manager - Fraunhofer IWES - Kassel - Germany
  - Jan Schabert** - Architect - Guenther & Schabert architects urban planners - Munich - Germany
  - Andres Jaadla** - Director of Development and Education - Rakvere Smart House Competence Centre - Rakvere - Estonia
  - Stefano Persi** - Director - ENIDE Solutions - Barcelona - Spain
- MODERATOR**
- Encarna Baras** - Energy Consultant - Independent Consultant - Barcelona - Spain



# ELEVATOR PITCH SESSION

## SUSTAINABLE BUILT ENVIRONMENT AND CITY RESILIENCE ELEVATOR PITCH SESSION

EP3

NOVEMBER 21<sup>ST</sup> 11:30 H.  
ROOM 5

### SPEAKERS

- Carlos Bustamante Oleart** - Urbanism Aerodynamic, between the solid and fluid - San Sebastian University - Santiago - Chile
- Fabiana Cambiaso** - Architect and Civil-Environmental Engineer - Sapienza University of Rome - Roma - Italy
- Han Tambuyzer** - Managing Director - Nazka Mapps - Hever - Belgium
- Itziar Aspuru** - Environmental Quality and Comfort Responsible - TECNALIA Research & Innovation - Derio - Spain
- Cynthia Echave** - Area Coordinator Urbanism and Public Space - Barcelona - Spain
- Andrea Braschi** - European Social Fund Project Coordinator - Ecocentro Tecnologie Ambientali (ESPOSITO Group) - Gorle (Bergamo) - Italy
- Andreas Hugot** - CEO - Steag Power Minerals GmvH - Dinslaken - Germany
- Alfredo Llorente del Río** - Technical engineer - Nobletek Spain - Pozuelo de Alarcón - Spain
- Paul Connell** - Partner - ActuatedFutures - Leeds - UK
- Jordi Robles Figueras** - Chairman and CEO - Aqualogy Development Network - Barcelona - Spain
- Josep Maria Miranda** - General Manager - Acefat, A.I.E. - Barcelona - Spain

### MODERATOR

- Álvaro Nicolás** - Consultant - Anteverti - Barcelona - Spain

## TECHNOLOGY & INNOVATION AND GOVERNANCE ELEVATOR PITCH SESSION

EP4

NOVEMBER 21<sup>ST</sup> 12:30 H.  
ROOM 5

### SPEAKERS

- Adrián Latorre Di Leo** - Solution Manager - Altran Innovación, S.L.U - Barcelona - Spain
- Héctor Varela** - Head of Eptisa Consultancy & Engineering Department in Galicia. - EPTISA - A Coruña - Spain
- Mike Kehoe** - Global Senior Product Manager, SWG - IBM - Dublin - Ireland
- Guy Danon** - Industry Director, Local & Regional Government - SAP Europe, Middle East & Africa - Paris - France
- Jordi García Brustenga** - Consulting manager - Prysma Calidad y Medio Ambiente, S.A - Barcelona - Spain
- Roberto De Bonis** - Senior Researcher - Telecom Italia - Torino - Italy
- Catarina Selada** - Head of Cities Department - INTELI - Inteligência em Inovação, Centro de Inovação - Lisbon - Portugal
- Pepa Sedo** - ASCAMM - Cerdanyola del Vallès (Barcelona) - Spain

### MODERATOR

- Pere Botella** - Professor, Department of Service and Information System Engineering - UPC Barcelona Tech - Barcelona - Spain

# ELEVATOR PITCH SESSION

## SMART SOCIETY & COLLABORATIVE CITY ELEVATOR PITCH SESSION

EP5

NOVEMBER 21<sup>ST</sup> 17:30 H.  
ROOM 5

### SPEAKERS

- Cecilia M. Tham** - Founder and director - MOB // Makers of Barcelona - Barcelona - Spain
- Ana María Llopis** - Chairman and CEO - Global ideas4all S.L. - Madrid - Spain
- Jingyong Liu** - Senior Engineer - China United Network Communications Group Co., Ltd (China Unicom) Guangzhou Branch - Guangzhou - China
- Shachi Kurl** - Director of Communications - Vision Critical - Vancouver - Canada
- Pep Guasch** - Technician CEESC activities and projects - Organization of Workers of Education Social Catalonia - Barcelona - Spain
- Martin Brynskov** - Associate Professor - Aarhus University - Aarhus N - Denmark
- Mario Paredes Otálora** - Founder of Ride to Change - Ride to Change - Gavà - Spain
- Matthijs Bouw** - Founding principal - One Architecture - Amsterdam - The Netherlands

### MODERATOR

- J. Ignasi Bonet** - R&D&i projects Coordinator within ICT Industrial Promotion Plan digital - Direction General of Telecommunication and Information Society, Generalitat de Catalunya - L'Hospitalet de Llobregat - Barcelona - Spain

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

## NAME - POSITION - ORGANIZATION

## SHORT BIO

A



### Jørgen Abildgaard

Executive Climate Project Director  
City of Copenhagen

Jørgen is Project Director for the 2025 Carbon Neutral strategy and plan for the City of Copenhagen, a plan that aims for Copenhagen to become the first neutral capital in the world by 2025. He has previously worked with a wide range of tasks within the energy and environment area.



### Sam Adams

Executive Director  
City Club of Portland

Former Mayor of Portland, Oregon, Sam served previously a four-year term as City Commissioner and 11 years as Chief of Staff to Portland Mayor Vera Katz. His earlier public service includes work as the Political Director of the Oregon House Democrats. He has also collaborated with a large number of non-profit organizations.



### Javier Ainchil Lavín

Technical Director  
FCC Construction

As Technical Director of FCC Construcción, Javier has promoted and leaded several Research and Innovation Projects in the fields of materials, architecture, sustainability and engineering. He is also Associated Professor in Construction Engineering Department at Polytechnic University of Catalonia.



### Maria Aiolova

Co-Founder and Director  
of Education  
Terraform ONE

An educator, architect, inventor and urban designer in New York City, Maria's work is focused on the theory, science and application of ecological design. She is a Co-Founder of Terreform ONE, a nonprofit organization for philanthropic architecture, urban, ecological design.



### Esteve Almirall

Associate Professor  
Esade

Esteve serves as Associate Professor in Esade Business School where his research focuses on Innovation, particularly on Open Innovation. Participant in some EU projects on Smart Cities, he is passionate about how we can use IT to redefine governance and reinvent citizenship in the XXI century.



### Sergio Álvarez

Co Founder and Lead Designer  
CartoDB / Vizzuality

Sergio researches on data visualization, information design and interface design with an especial focus on geo-information, map related visualizations and geospatial data interaction. He is co-founder and lead Designer at vizzuality, the company behind the geospatial platform CartoDB.



### Stig L. Andersson

Director of Innovation,  
Founding Partner, Professor  
SLA and The University  
of Copenhagen

Stig is founder and Director of SLA. Beginning as a purely landscape architectural practice, SLA has since its start evolved into an interdisciplinary design studio working with urban planning, landscape and urban space. He has also worked in the field of art as a member of the group 'Kammeraterne'



### Jan Annerstedt

Professor Copenhagen  
Business School

Denmark's UNESCO Chair in Communication, Jan has been Professor of the Departments of Operations Management and International Economics and Management at the Copenhagen Business School. He has also worked as Consultant and Advisor to several international organizations, governments and companies.



### Charbel Aoun

Senior Vice-President for Smart Cities  
Schneider Electric Charbel

Aoun joined Schneider Electric in 2012 to lead the company's Smart Cities strategic initiative, where he is in charge of defining, implementing and managing the group's strategy, business development, business models and partnerships across the world.



### Luis Fernando Arboleda

President  
FINDETER Financial institution for  
Development

Specialist in Public Services Management, Luis Fernando has extensive experience leading various technical, social, economic and political projects. He was mayor of the city of Manizales (Colombia) in 1986-1988.

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

## NAME - POSITION - ORGANIZATION

## SHORT BIO

## A-B



### Kevin Ashton

Co-founder and former executive director  
MIT Auto\_ID Center

Kevin is a technology pioneer who cofounded the Auto-I.D. Center at the MIT. He is currently General Manager of Belkin's clean technology division, a columnist for "R.F.I.D. Journal" and the author of the book The Art of New. He speaks regularly on technology, innovation and leadership.



### Itziar Aspuru

Environmental Quality and Comfort Responsible  
TECNALIA Research & Innovation

As Senior Research Fellow in Tecnia, Itziar is committed to integrate environmental comfort criteria on intervention projects in cities. She also leads collaboration with public authorities to align research and practical application of its results.



### Antonio Alfonso Avelló

International Department Director  
FCC Environmental Services

General Manager of FCC Construction's industrial subsidiaries. Trained as Civil Engineering at the Technical University of Madrid and MBA from Wharton, Alfonso spent the early part of his career at Dragados and Goldman Sachs before joining FCC as CEO's executive advisor.



### Encarna Baras

Energy Consultant  
Independent Consultant

With a degree in Physics and in Business Administration, Encarna is currently Director of Corporate Development and Technology Transfer of IREC (Catalonian Institute for Energy Research). She previously held the position of Director of ICAEN (Catalonian Institute of Energy).



### Kristin Barbey

Lecturer and visiting professor  
KIT Karlsruhe, ENSA Strasbourg

Trained as an Architect at Technical University of Berlin and Federal Institute of Technology ETH in Zürich, Kristin is currently Guest Professor at Architecture School ENSA in Strasbourg and Assistant Professor at Institute of Technology (KIT), Karlsruhe University.



### Markus Barnikel

CEO & Managing Director  
Carpooling.com GmbH

Markus is an Internet executive with over 16 years of experience, including leadership positions at Yahoo! in America, Europe & Asia. He also was founder and managing Partner of Onpeak Consulting, a digital B-to-B market intelligence platform for the automotive industry.



### Louis-Alban Batard

Spain Director  
Connecthings, European NFC tag management leader

Convinced that the evolution of mobile phone technologies will revolutionize urban environment, Louis-Alban joined the provider of contactless services Connecthings to manage its implementation and development in Spain. He previously worked for several FMCG companies in various countries.



### Laszlo Bax

Founding Partner Bax & Willems  
Consulting Venturing

Founding partner of Open Innovation consultancy Bax & Willems, Laszlo has worked for over 50 of the largest companies in Europe, developing and managing more than 20 collaborative R&D /Open Innovation / joint market development initiatives.



### Jennifer Bélissent

Ph.D., Principal Analyst, Serving CIOs  
Forrester Research

As Principal Analyst at Forrester Research, Jennifer explores the evolution of the data economy and is currently focused on opportunities with open data in both the public and private sector. She held management positions in the Silicon Valley, designed urban policy programs and advised governments.



### Chris Benardis

CSR General Manager  
Nissan

Director of Business Development and head of the Operating Committee - Europe Office at Nissan, Christopher is also responsible for leading the Corporate Social Responsibility (CSR) efforts for Nissan in the Africa, Middle East, India, and Europe region.

# SPEAKERS IN ALPHABETICAL ORDER

## SMART CITY EXPO WORLD CONGRESS

### NAME - POSITION - ORGANIZATION

### SHORT BIO

### B



**Leonardo Benitez Diez**  
Smart Energy Director  
Global Director of Smart Energy  
Indra

Trained as Electric Engineer, Leonardo brings a wealth of experience dealing with several sub-topics within the Smart Energy (Smart Grids, Smart Metering, Renewable, Distribution Automation, Energy Efficiency and Retail Strategies).



**Brenna Berman**  
CIO Chicago  
City of Chicago

Over the past year, Brenna has focused transforming the team at Chicago Department of Innovation and Technology to align with the Mayor's commitment to an open and data-driven government, building Chicago's open data program into one of the largest in the US.



**Eddie Bet Hazavdi**  
Director of Energy Conservation and  
Smart Cities Department Ministry of  
Infrastructures Energy and Water

Director of the Department of Energy Conservation and Smart Cities at Ministry of Energy and Water of Israel, Eddie is currently working on implementing 2020 energy master plan to reduce 20% of electricity consumption in Israel. He is also building the authority for Smart cities.



**Per Blixt**  
Head of Unit  
European Commission

Per is Head of Unit in the European Commission, DG CONNECT. Civil engineer from the Royal Institute of Technology of Stockholm (KTH), he has held different positions in the Swedish cabinet office, Ministry of Finance, Prime Ministers office and the Ministry of Transport and Communications.



**J. Ignasi Bonet**  
R&D&i projects Coordinator within ICT  
Industrial Promotion Plan idigital  
Direction General of Telecommunication  
and Information Society,  
Generalitat de Catalunya

Ignasi is R&D&i projects Coordinator at ICT Industrial Promotion Plan idigital, including Smart City related industries development. Previously, he has developed projects on strategic and business consulting in the field of Media, Technology and Telecommunications at Doxa Consulting.



**Eduardo Bonet**  
Deputy Executive, Vice President  
Indra Sistemas  
Deputy Executive Vice President  
Indra

Eduardo joined the company in 1988, where he has worked in a variety of positions in the Transportation and Traffic market. In July 2009, he was appointed Deputy Director General. Trained as Civil Engineer, he holds an MBA from IE Business School.



**Enric Bono i Sandiumenge**  
Solution Consulting Head  
T-Systems Iberia

An expert in services transformation and innovation solutions with more than 20 years of professional experience in ICT Services management, Enric is currently Head of Consulting Services in Horizontal Solutions, at the Systems Integrations area of IT services company T-Systems Iberia.



**Chris Borroni**  
Bird VP Strategic Development  
Qualcomm

Chris joined Qualcomm Technologies as a VP of Strategic Development in 2012 and is responsible for developing and implementing a transportation vision around wireless technologies (both wireless power for electric vehicles and wireless communications between vehicles).



**Pere Botella**  
Professor, Department of Service and  
Information System Engineering  
UPC Barcelona Tech

Pere is Professor at UPC Barcelona Tech from 1977 and IT Academic director at the UPC School for professional and executive education. His research interests are mainly on the areas of Software Engineering, Information Systems and Service Engineering.



**Philipp Bouteiller**  
CEO  
Tegel Projekt GmbH

Philipp is CEO of Tegel Projekt, a state-owned company conferred with the task to develop Tegel airport after its closure into a research and industrial park for urban technologies. He worked previously as IT-Entrepreneur and independent strategy adviser.



# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

## NAME - POSITION - ORGANIZATION

## SHORT BIO

B



### Matthijs Bouw

Founding principal One  
Architecture

An Amsterdam-based architect and planner, Matthijs is the founding principal of One Architecture, a firm known for its unique approach in which financial, technical, and organizational issues are addressed and often resolved through design.



### Andrea Braeuning

PhD Researcher  
University of the West of Scotland  
(UWS)

"After various positions in the communications and strategy consulting area working in different industries, Andrea started in 2010 an independent research on "Smart City as a Customer". She is mainly interested in the impact of smart cities on business and organizations."



### David L. Bragdon

Executive Director, Former Long-term  
Planning Director NYC Transit  
Center, Inc.

David is Executive Director of TransitCenter, a non-governmental organization which researches and promotes the use of public transit. He served eight years as the elected President of the Metro Council, the only directly-elected regional planning agency in the United States.



### Andrea Braschi

European Social Fund Project Coordinator  
Ecocentro Tecnologie Ambientali  
(ESPOSITO Group)

Trained in Economics at University of Florence, Andrea worked as Project Coordinator for the European Social Fund ESF, the European Union's main financial instrument for supporting employment. He is currently ESF Project Coordinator of Ecocentro Tecnologie Ambientali (Waste Treatment).



### Antoni Brey Rodriguez

CEO Urbiotica  
Telecom Engineer

Antoni is CEO at Urbiotica, provider of technology solutions for sustainable urbanism. He has been a member of the Quantum Information Group at the Institute of High Energy Physics and author of essays Generación Fría (Cold Generation) and El Fenómeno Wi-Fi (The Wi-Fi phenomenon).



### Nicholas Brooke

Chairman Hong Kong Science &  
Technology Parks Corporation

Nicholas is the Chairman of the Hong Kong Science and Technology Parks Corporation, established with the objectives of fostering Hong Kong's role as a hub for the development of innovation and technology and to take advantage of Hong Kong's position as the historic gateway to Southern China.



### Ludovic Broquereau

VP Marketing & Business  
Development HIKOB

"Ludovic is currently VP Marketing & Business Development at HiKoB, provider of wireless sensors networks and wireless instrumentation systems for sustainable and smart cities. He is graduated engineer from the "Ecole Nationale Des Travaux Publics de l'Etat" (ENTPE) in France."



### Martin Brynskov

Associate Professor  
Aarhus University

Martin is associate professor in Interaction Technologies at Aarhus University in Denmark. He is coordinator of the Danish Smart City Network and co-founder of Smart Aarhus. He is also a research fellow at Center for Digital Urban Living, Aarhus University.



### Alistair Buchanan

Former CEO Office of Gas and  
Electricity Markets OFGEM

"As Chief Executive of Ofgem (Office of Gas and Electricity Markets) Alistair has led various projects, including the creation in 2010 of the "RIIO" model for regulatory price controls and "Project Discovery" which provided a root and branch review of GB's medium term security of supply outlook."



### Lucy Bullivant

Founder and Editor-in-chief  
Urbanista.org

Lucy is an architecture curator, critic, author and consultant who investigates and evaluates innovative synergies in contemporary architecture and urban design. In February 2013 she founded Urbanista.org, a new webzine of critical analysis of urban design.

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

## NAME - POSITION - ORGANIZATION

## SHORT BIO

## B-C



### Volker Buscher

Board Member  
Smart London



### Carlos Bustamante Oleart

Urbanism Aerodynamic, between the  
solid and fluid  
San Sebastian University

Architect from Finis Terrae University, Masters in the Polytechnic University of Barcelona and a PhD in Urban Planning at the University of Madrid, Carlos is currently Director and Researcher at the School of Architecture at the Universidad San Sebastian, in Santiago de Chile.



### Fabiana Cambiaso

Architect and Civil-Environmental  
Engineer Sapienza  
University of Rome

Fabiana is a researcher in the field of innovative materials and sustainable technologies for high performance building's envelope, energy saving and thermal comfort in building design. Graduated in Architecture, she also has a Master Degree in Ecological Architecture.



### Ana Campos García

Senior Disaster Risk Management  
Specialist, Urban Development  
Department  
The World Bank



### Jonathan Carter

Co-founder & Technical Director  
Glimworm IT BV

Co-founder of website and apps developer Glimworm IT BV, Johathan has nearly 30 years in the industry with a list of accomplishments including everything from project management to robot building. He continues to keep on top of new developments by constantly evaluating emerging technologies.



### Pedro Paulo Carvalho

Secretário Chefe da Casa Civil  
Rio de Janeiro

City of Rio's Chief of Staff, Pedro Paulo is responsible for a Strategic Plan that establishes priorities and goals for all different areas of the municipality, such as health, education and transport. This plan has led to a number of successful projects, such as the revitalization of the port area.



### Lluís Cases

Partner J&A Garrigues  
SLP

Lluís is partner in Public Law and Antitrust Law practice office in Barcelona. PhD Law at Univesitat Autònoma de Barcelona, where he is a Professor of Public Law. Master in Comparative Law at Universitat Autònoma de Barcelona.



### Tao Chen

Associate Professor Yuntong International  
Smart Tourism Research Institute, School of  
Public Administration, Huazhong University  
of Science and Technology

Tao is Associate Professor in the eGovernment Research Center in the College of Public Administration at Huazhong University of Science & Technology. He has been conducting research on IT outsourcing, IT service standardization and Smart City in China.



### Joel Cherkis

General Manager,  
Worldwide Government Industry  
Sales Microsoft

As the general manager of Government Industry Sales within the Worldwide Public Sector division at Microsoft, Joel's job is to provide support to government customers by delivering solutions providing citizen-based services and enabling government workplace and data-center modernization.



### Henry Chesbrough

Professor, ESADE Business School,  
Haas School of Business

UC Berkeley Faculty Director of the Garwood Center for Corporate Innovation at UC Berkeley, Henry is an acclaimed author and speaker as the creator of open innovation theory. He first coined the term in his 2003 and in 2006 he extended its approach from technology innovation to business model innovation.



# SPEAKERS IN ALPHABETICAL ORDER

## SMART CITY EXPO WORLD CONGRESS

### NAME - POSITION - ORGANIZATION

### SHORT BIO

### C-D



#### Roi Chiti

Coordinator, Substantive Programme  
World Urban Forum Secretariat



#### Lluís Comerón

Dean  
Col·legi Arquitectes de Catalunya

Dean of the Association of Architects of Catalonia, Lluís' work includes the headquarters of the Barcelona School Theater, Barcelona City Theatre, and several school buildings, primary care centers and public housing projects. He has combined professional activity with teaching Architecture.



#### Pilar Conesa

Congress Director  
Smart City Expo World Congress

Pilar Conesa has over 20 years of experience in management positions, in companies and public agencies of the ICT sector. She is a pioneer in the promotion of Smart Cities, is the director of anteverti and the Congress director of the Smart Cities Expo World Congress, a international reference event organized by Fira de Barcelona annually.



#### Paul Connell

Partner  
ActuatedFutures

Paul has worked in Environment & Energy for over 20 years, and during the last five he has been delivering projects that cross-cut with Digital & Design thinking. He runs his own consultancy Halcyon Innovation and is also a founding partner of Actuated Futures.



#### Mateu Crespi

Smart Metering Manager  
Aqualogy

Business Consultant at Price Waterhouse and IBM for 14 years, Mateu is currently Smart Metering Manager at Aqualogy. In this role, he is responsible for the Smart Metering Solutions Strategy in the water sector, managing the deployment of 500.000+ smart meters in more than 100 cities in 8 countries.



#### Haifeng Cui

Vice President, Solution Sales and  
Marketing Enterprise Business West  
Europe  
Huawei

Guy rolls out 'SAP Urban Matters' program across EMEA. Prior to that, he held sales management, business development and consulting roles within various consulting firms. He has a Business Administration degree from the Hebrew University and completed the Int'l MBA program of HEC Business School.



#### Guy Danon

Industry Director, Local & Regional  
Government SAP Europe, Middle  
East & Africa



#### Helen Darbshire

Executive Director  
Access Info Europe



#### Roberto De Bonis

Senior Researcher  
Telecom Italia

Graduated in Computer Science at Università di Torino, Roberto is a senior researcher at Telecom Italia currently responsible for R&D activities on smart metering. He has been working for international (ETSI M2M) and national standards (CIG - Comitato Italiano Gas) on the topic.













#### Íñigo de la Serna Hernáiz

Mayor  
Santander











# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

NAME - POSITION - ORGANIZATION	SHORT BIO	D-E
 <p><b>Patrizia Di Monte</b> Town planning professor, Social Architecture professor ETSA San Jorge University Trained as Architect by IUAV Venice,</p>	<p>Patrizia is Associate professor on Town Planning and Social Architecture at ETSA-US. She is been awarded with Innovazione e Qualità Urbana'10, Eurocities'11 Planning for People and SAIE Selection'12 on Urban Regeneration and Development.</p>	
 <p><b>Paul Doherty</b> President &amp; CEO The digit group, inc.</p>	<p>Paul is the President and CEO of the digit group, a developer of cloud-based and Smart City solutions. He is a licensed architect who is one of the industry's most sought after thought leaders and strategists and has brought to market some of the industry's most popular software applications.</p>	
 <p><b>Lluís Domènech</b> Director of Architecture Barcelona Sagrera Alta Velocitat</p>	<p>An architect specialized in urban implementation of infrastructures, Lluís is now Architecture Director in BSAV, a public company that coordinates the reorganization of the railway and public transport system and develops and manages an urban operation of 400 acres in Barcelona.</p>	
 <p><b>Trevor Dorling</b> Assistant Director for Employment and Skills Royal Borough of Greenwich</p>	<p>Trevor is Chartered Town Planner and has worked in Regeneration &amp; Economic Development in London for 30 years. He is leading on the creation of a Smart &amp; Connected Community at Greenwich. He advises London Councils on employment &amp; skills, and co-chairs a BSI Advisory Group on Smart Cities.</p>	
 <p><b>Eric Dresselhuys</b> Executive Vice President, Global Development Silver Spring Networks</p>	<p>Eric is working at Silver Spring Network since it was founded in 2002, where he currently leads the company's global development. With more than 14 years of experience in developing Smart Grid solutions, he is a frequent speaker on topics related to this subject and on energy efficiency.</p>	
 <p><b>Sunil Dubey</b> Advisor Metropolis World Association</p>		
 <p><b>Projjal K. Dutta</b> Director, Sustainability Initiatives New York Metropolitan Transportation Authority</p>	<p>Projjal is the first ever Director of Sustainability of Metropolitan Transport Authority of New York. As such, his mission is to reduce the environmental footprint of the organization and measure its carbon benefits. He is Master of Science in Architecture Studies at MIT.</p>	
 <p><b>Adel Ebeid</b> Chief Innovation Officer City of Philadelphia</p>	<p>Adel is the first Chief Innovation Officer for the County/City of Philadelphia. In this role, he is responsible for managing the City's innovation agenda which includes Government Transparency, Civic Technology, innovation lab and municipal academy, public computing and civic engagement.</p>	
 <p><b>Cynthia Echave</b> Area Coordinator Urbanism and Public Space</p>	<p>Cynthia joined in 2003 BCNecologia, a public consortium dedicated to rethink the cities in terms of sustainability, where she coordinates several projects related to public space, mobility and ecological urban planning. Ph.D. Architect at UPC (Universitat Politècnica de Catalunya).</p>	
 <p><b>Di-Ann Eisnor</b> of Global Partnerships &amp; Business Development Waze</p>	<p>A neogeography pioneer and serial entrepreneur Di-Ann is crafting the cartography of "live mapping" for crowd-sourced navigation and real-time traffic startup, Waze. Previously, Di-Ann was Co-Founder and CEO of Platial, a mobile and online social mapping service.</p>	

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

NAME - POSITION - ORGANIZATION	SHORT BIO	E-F
 <p><b>Kurt Emil Eriksen</b> General Secretary Active House Alliance</p>	Kurt is Secretary General of Active House Alliance, a non-profit organization working for development of sustainable buildings, focusing on Comfort, Energy and Environment. He has participated in several initiatives for sustainable buildings and COPs.	
 <p><b>Jordi Escalé</b> CEO Centre de Telecomunicacions i Tecnologies de la Informació Generalitat de Catalunya</p>	Jordi is CIO of Government of Catalonia and CEO at CTIT (Centre for Telecommunications and Information Technology). He worked in Telefonica Group as manager of eCommerce and eBusiness strategic marketing. Since 1995, he has been Professor at ESADE on courses related to digital economy.	
 <p><b>Assumpta Escarp</b> Regidora Ajuntament de Barcelona</p>	Assumpta is Environmental Vice-President of the Barcelona Metropolitan Area and Councillor of the City of Barcelona, where she has led the departments of Citizen Participation, Cooperation and Solidarity, and Urban Mobility. She also held the Presidency of the Barcelona Metropolitan Transport.	
 <p><b>Juan Carlos Escobar</b> Yachay EP</p>		
 <p><b>Jarmo Eskelinen</b> CEO Forum Virium</p>		
 <p><b>Juan Pablo Espinosa Burgos</b> Gerente Administrativo y Logístico de Agua de Quito Empresa Pública Metropolitana de Agua Potable y Saneamiento de Quito, Agua de Quito</p>	Masters in Strategic and Innovation Management, Juan Pablo is currently a member of the Smart Cities Committee of Quito Metropolitan City Council and coordinator of the First Round development of the Quito 2022 Digital and Socially Innovative Agenda.	
 <p><b>Jorge Estévez San Román</b> CEO Iberia - Spain, Portugal &amp; Morocco Thyssenkrupp Elevators</p>		
 <p><b>Valmir Fachini</b> Project Coordinator of Bioenergy and Reforestation in Viva Rio Haiti El Instituto Ambiental/Viva Rio.</p>	Valmir has been for 18 years Director of O Instituto Ambiental, a non-profit organization devoted to building and managing Integrated Biosystems that purify sewage water in urban areas. He has spent the last five years in Haiti coordinating bio energy projects and reforestation for Viva Rio.	
 <p><b>Gordon Falconer</b> Director, Urban Innovation Cisco Singapore</p>	Currently Director of Cisco Consulting's Urban Innovation practice, Gordon has more than 20 years of experience in property development, program management, city strategies, project valuations / acquisitions/ feasibility, infrastructure structuring, and cluster / innovation creation.	
 <p><b>Assumpta Farran</b> Environmental Quality General Director Generalitat de Catalunya</p>		

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
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## NAME - POSITION - ORGANIZATION

## SHORT BIO

F



### Eduardo Fernández

R+D+I & Urban Sustainability Director  
Urbaser

Director of R&D+i in environmental services company URBASER, Eduardo recently added to his responsibilities Urban Sustainability functions which includes the Smart City concept, being in charge of their development and integration in the various areas in which the company operates.



### Manu Fernández

Founder  
Human Scale City

An independent researcher and consultant for the last ten years, Manu is currently working in areas such adaptive strategies to cope with the economic crisis, the intersection of digital and social perspectives of bottom-up smart cities, and actions to boost local economic revitalization.



### Guillermo Fernández de Peñaranda

Head of Sales Key Accounts Division  
Thyssenkrupp Elevators

As head of the Department of National Key Accounts and Special Projects at ThyssenKrupp, Guillermo has experience in projects with very particularized requirements in the field of Elevator technologies and, more specifically, in relation with the mobility of citizens in the most inaccessible areas.



### Emilio Fernández Rodríguez de Liévana

Santander Director  
Aqualia

Emilio has 12 years of experience in water management sector as Integral water cycle and water infrastructure projects manager, leading multidisciplinary teams working for clients of public administration and private companies. He joined aqualia, the water management company from FCC.



### Carles Ferreiro

CEO  
dotopen



### Josep Ramon Ferrer

Director of IT Strategies & Smart City  
Municipal Institut of Informatic

Director of ICT Strategy and Smart Cities Municipal Institute of Informatics (IMI) of Barcelona City Council, Josep Ramon held previously various positions in Generalitat de Catalunya (autonomous government) related to the field of Telecommunications.



### Ramon Ferri

Head of Information and Communication Technologies department  
Valencia Municipality

Currently Head of ICT Service of the City of Valencia, Ramon has been previously head of ICT projects section of the Provincial Council of Valencia and Senior Technical Vice President for R & D + I of the Polytechnic University of Valencia (UPV).



### Jean Louis Fiorucci

President  
SUDE

Entrepreneur, innovator and inventor, Jean-Louis co-founded SUDE, an engineering consulting firm specializing in urban space management and mobility, and the Think Global alliance, a collaborative alliance of innovative start-ups and large companies to stimulate solutions for smart city services.



### Ben Flanner

Head Farmer, President  
Brooklyn grange farm

Ben is the head farmer, CEO, and co-founder of Brooklyn Grange rooftop farm, a pioneering urban farm operation based in New York City. He has a BS in Industrial Engineering from the University of Wisconsin, and a background in management consulting and marketing prior to farming.



### Armando Florencia

Suay Xial Energy Manager  
Xial Domotecnología

An Industrial Engineer specialized in heating and air conditioning systems, energetic efficiency and renewable energy, Armando career is focused on looking for efficient and intelligent buildings. He works at Xial (home automation technology) as Energy Manager helping customers to save energy.

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
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## NAME - POSITION - ORGANIZATION

## SHORT BIO

## F-G



### Richard Florida

Professor "University of Toronto and NYU; Senior Editor, The Atlantic

Author of several global best sellers, including the award-winning "The Rise of the Creative Class", Richard is Director of the Martin Prosperity Institute at Rotman School of Management. He is also founder of the advisory services firm Creative Class Group.



### Cristiana Fragola

Regional Director, Europe  
C40

Cristiana is the Regional Director for Europe for the C40 Climate Leadership Group. In such capacity, she manages relationships with 19 European cities and the C40 global network to support them in successfully achieving their climate action plans.



### Norman Frisch

Wireless Enterprise  
Huawei



### Carlos Gadsden

Executive Secretary  
International Foundation for the Development of Reliable Governments



### Concepción Gamarra Ruiz-Clavijo

Mayor  
Logroño City Council

Mayor of Logroño, Concepción is Vice President of the Spanish Smart Cities Network and Member of the Governing Board of the Spanish Federation of Municipalities. With extensive experience in municipal management, she is currently leading the change in Logroño towards a Smart City model.



### Maurici García

Business Manager Barcelona Digital  
Technology Centre

Maurici is a Telecom Engineer working in the SmartCities business development in Barcelona Digital, being responsible for the generation of new projects and ideas, consortium building, identification of funding opportunities and the creation of business models.



### Jenaro García

Chief Executive Officer  
Let's Gowex, S.A.

Entrepreneur since the age of 19, Jenaro is founder and CEO of GOWEX, provider of Wireless Smart Cities solutions. Through this company, Jenaro is supporting the idea of taking Wi-Fi to the streets as a first necessity service, providing free of charge connectivity for everyone.



### Jordi García Brustenga

Consulting manager  
Pryma Calidad y Medio Ambiente, S.A

Jordi is a senior economist with extensive experience in the different perspectives (public, private, scientific and non-profit) of competitive, sustainable and balanced development of organizations and territories and the complex nature of urban and regional economies.



### Roman Gaus

CEO  
Urban Farmers AG

A global opinion leader in the newly emerging urban agriculture movement, Roman is the Founder & CEO of UrbanFarmers, a pioneering Clean-Tech company developing rooftop farming systems and leader in Aquaponics, saving water, energy and nutrients to grow fish and plants in closed-loop.



### Anja Georgi

Managing Director  
NiO - Nahverkehr in Offenbach GmbH,  
NiO - Public transport for the city of Offenbach

Anja is Managing Director of Public Transport Company Offenbacher Verkehrs-Betriebe since April 2013. She is also Head of Control Center for project on electromobility of Rhein-Main Transport and Managing Director of the Local Passenger Transport Authority NiO.



# SPEAKERS

## IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

### NAME - POSITION - ORGANIZATION

### SHORT BIO

### G-H



#### Francesc Giralt

Director  
City Protocol Society Affairs



#### Luís Gómez

International Director  
Smart City Expo World Congress



#### Adrià Gomila

Mobility Director  
Barcelona City Council

Adrià is since 2012, Mobility Director at Barcelona Municipality. He worked previously as Mobility Director of Sabadell Municipality (2009-2011) and as Technician on Mobility of Barcelona Municipality from 1998 to 2008. He was trained as Industrial Engineer.



#### Raúl González

Product Manager  
Abertis Telecom



#### Pedro González Torroba

Subdirector General de Desarrollo  
Económico e Innovación  
Ayuntamiento de Madrid



#### Alfonso Govela

Programa Regional de City Changer  
Labs ONU-Habitat, ROLAC, Regional  
Office for Latin America and the  
Caribbean

Architect at Mexico and Madrid, Alfonso is Co-founder of Mex-Smart-Cities and ONU-Habitat City Changer Labs, a network of centers for youth-led urban development via digital innovation and entrepreneurship. His educational background includes National Academy of Architecture and MIT.



#### Vicente Guallart

Chief Architect  
Barcelona City Council



#### Pep Guasch

Technician CEESC activities and  
projects  
Organization of Workers of Education  
Social Catalonia

Sociocultural Manager, BA in Anthropology and qualified in Social Work, Pep is currently responsible for the projects and activities of the College of Social Educators of Catalonia (CEESC) and participates in the coordination of social action platform Ciutat Beta.



#### Norihiro Hagita

Board Dir., Director, ATR Fellow  
Advanced Telecommunications Research Institute Int.,  
Social Media Research Laboratory Group,  
Intelligent Robotics & Communication  
Laboratories.

Norihiro is Chairman of ATR Creative, where he is also director of Social Media Research Laboratory Group and Intelligent Robotics and Communication laboratories. He made robotic field experimentations on shop guidance and touring support for elderly and disables in urban environments.













#### Dario Hidalgo

Director Research and Practice  
EMBARQ, Sustainable Transport  
and Urban Development Program at  
WRI

Trained as Civil Engineer from Universidad de los Andes, Bogotá, with 23 years of experience as a sustainable mobility researcher, Dario is currently a lecturer and consultant in more than 10 countries. He was a national and local government official in Colombia.

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

NAME - POSITION - ORGANIZATION	SHORT BIO	H-I
 <p><b>Anette Holm</b> CIO City of Stockholm</p>	Currently CIO at City of Stockholm since 2008, after being for six years Vice President of Solving Efeso, a consultancy specialized in Organization Development, Strategy, Purchasing and Operational Excellence. She had worked previously at City of Stockholm as Deputy CEO and Head of Administration.	
 <p><b>Ross Hudson</b> Development, Enterprise &amp; Environment Greater London Authority</p>	As Principle Policy and Programmes Officer in the Development, Enterprise and Environment division of the Greater London Authority, Ross leads the Mayor of London's work on smart and sustainable energy systems for London and the sustainability aspects of its Smart London programme.	
 <p><b>Andreas Hugot</b> CEO Steag Power Minerals GmVH</p>	Master in Engineering by RWTH Aachen University (Germany), Andreas is CEO of STEAG Power Minerals, a company specialized in commercialization of power plant by-products. He has published various writings in the field of power plant by-products as fly ash, gypsum, or bottom ash.	
 <p><b>Eric-Mark</b> Huitema Global Manager, WW Smarter Transportation Leader IBM</p>	Eric-Mark is responsible for Smarter Transportation Solutions in IBM Globally. As a manager and a specialist in Intelligent Transportation Solutions he has experience in helping cities, regions, governments and the private sector to manage all transportation modes safely and efficiently.	
 <p><b>Jerry MacArthur</b> Hultin Senior Presidential Fellow and President Emeritus, Polytechnic Institute of NYU New York University</p>	In his role as Senior Presidential Fellow, Jerry helps to design and develop New York University's series of global programs for innovation, creativity, entrepreneurship and economic growth. He is also a mentor to students, research scientists, corporate executives, and government officials.	
 <p><b>Jong Sung</b> Hwang Head of National IT Policy Group National Information Society Agency</p>	As head of National IT Policy Group at National Information Society Agency (NIA) in Korea, Jong-Sung is responsible for developing and coordinating government IT policy agendas, including Gov3.0, smart city, and creative economy. He was previously CIO of the Seoul Metropolitan Government.	
 <p><b>Andres Ibarra</b> Modernization Minister Buenos Aires</p>		
 <p><b>Iemke Idsingh</b> Public Sector Solutions Director Oracle Government Industry Business Unit Oracle Corporation</p>	Acting as a Public Sector Solutions Director for the Oracle Government, Education and Healthcare Industry Business Unit, Iemke carries the worldwide responsibility for Oracle's Smart City Platform Industry Solution Set. He has 25+ years of experience of which over 20 are in Public Sector.	
 <p><b>Dan Ilett</b> Founder Greenbang.com</p>		
 <p><b>Laura Ipsen</b> WW Public Sector VP Microsoft</p>	As corporate vice president of Microsoft's Worldwide Public Sector organizations, Laura leads a team of more than 1,900 sales and marketing professionals serving government, education, and non-privatized healthcare customers in more than 100 countries.	

# SPEAKERS IN ALPHABETICAL ORDER

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## NAME - POSITION - ORGANIZATION

## SHORT BIO

## I-J-K



**Hiroki Iwasa**  
Head of GRA Group  
GRA Group

Head of GRA Group, Hiroki decided to establish his own business in his hometown, after seeing it devastated by the tsunami of March 2011. His aim in the GRA Group (farming corporation) is to employ 10,000 people in 10 years in 100 companies in this destroyed area.



**Andres Jaadla**  
Director of Development  
and Education  
Rakvere Smart House Competence  
Centre

As Mayor of Rakvere City, Andres has been the initiator of the European Covenant of Mayors in Estonia. He has been Vice President of the Union of the Baltic Cities (2009 – 2012) and Member of EU Committee of the Regions (2002 – 2012). He holds a Master of Law by University of Tartu.



**Liliana Jaimes**  
Project Advisor, Information and  
Communication Technologies Ministry  
Government of Colombia

Liliana is currently working as Advisor to the Deputy Minister of Information Technology in the planning and execution of projects related to IT Strategy of the Ministry of Information Technologies and Communications, leading the Smart Cities initiatives.



**Ivan Jaques**  
Senior Energy Specialist  
ESMAP – World Bank

Ivan heads the Energy Efficient Cities Initiative at the Energy Sector Management Assistance Program (ESMAP) at the World Bank. Previously, he was Deputy Director of Chile's Energy Efficiency Program. He has also worked in transport and as researcher in Japan.



**David Johera**  
Business Development Manager  
Wonderware  
Spain

David is currently Business Development Manager at Wonderware Spain, where he brings extensive know-how in relation to structuring of smart urban environments and the application of control and automation technology in large public service facilities.



**Abha Joshi-Ghani**  
Director, Knowledge Exchange &  
Learning, World Bank Institute  
The World Bank

Abha is currently Director for Knowledge Exchange and Learning Department at the World Bank Institute. Until recently she oversaw the World Bank's work on Urban Policy and Strategy and Knowledge and Learning. She is also the co-editor of the forth coming book Rethinking Cities.



**Ellis J. Juan**  
General Coordinator  
Inter-American Development Bank

Ellis is General Coordinator for the Emerging and Sustainable Cities Initiative (ESCI) in the Inter-American Development Bank. This is a new initiative to assist emerging cities to deal with the challenges of rapid urbanization while making the city environmentally, urban and fiscally sustainable.



**Kari Kankaala**  
Executive Director  
City of Tampere

Executive Director at the City of Tampere (Finland), Kari's units are responsible for strategic urban development, housing, land policy and use, economic development, sustainable development and employment. She was previously CEO of Professia, consultancy on development at Tampere region.



**Amitabh Kant**  
CEO & Managing Director  
Delhi Mumbai Industrial Corridor  
Development Corporation

Amitabh is Chief Executive Officer & Managing Director of the Delhi Mumbai Industrial Corridor Development Corporation, India's most ambitious Infrastructure programme aiming to develop new industrial cities as "Smart Cities". He is a graduate in Economics from St. Stephen's College.



**Michael Kavanagh**  
Energy and Utilities Reporter  
Financial Times

Michael has spent more than a decade reporting and news editing at the Financial Times. He currently specialises in the natural resources sector, with an emphasis on oil and gas companies and utility suppliers including power retailers, grid operators and water companies.



# SPEAKERS IN ALPHABETICAL ORDER

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## NAME - POSITION - ORGANIZATION

## SHORT BIO

## K-L



### Mike Kehoe

Global Senior Product Manager, SWG  
IBM

Michael is a Smarter Cities World Wide Senior Product Manager for Industry Solutions at IBM. As such, his product management responsibility includes owning the solutions to support world cities (water, energy, transport, public safety, buildings, and operations centers).



### Imran Khan

Assistant Manager, Voice for Waste  
programme  
Chintan Environmental Research  
and Action Group

Imran has been working at Chintan Environmental Research and Action Group since 2009 where he leads a program called "A Voice for Waste" to build the capacity of waste pickers to understand the value of their work to the environment and formalizing their job as recyclers.



### Frank Kresin

Research Director "Waag Society, Ins-  
titute for Art, Science & Technology"



### Frederick Krimgold

Director, Disaster Risk Reduction Pro-  
gram, Advanced Research Institute,  
Virginia Tech

Virginia Polytechnic Institute and State University Director of the International Energy Efficiency Network and the Disaster Risk Reduction Program of the Advanced Research Institute of VirginiaTech University. Frederick's current research is on the topic of building and land use regulatory efficiency and effectiveness at the local level.



### Lucienne Krosse

Program manager  
Netherlands Organisation for Applied  
Scientific Research (TNO)



### Shachi Kurl

Director of Communications  
Vision Critical

Trained in Journalism and Political Science, Shachi is Vision Critical's VP of Communications & Citizen Engagement. Previously she was the BC Director at the Canadian Federation of Independent Business. Shachi spent ten years as an award winning journalist in influential Canadian newsrooms.



### Mike Lake

President & CEO  
Leading Cities

President and CEO of Leading Cities, Michael's job is to establish relationships with municipal governments, businesses, non-profit organizations and universities, creating a global network of partner cities dedicated to exchanging best practices in public policy to address shared challenges.



### Véronique Lamblin

Foresight and Strategy  
studies director  
Futuribles

Director of Futures and Strategy Studies at prospective agency Futuribles, Veronique studies include sustainable cities and specific territory foresight. She has been Strategy Project Manager for the Corporate Strategic Planning of Renault after engineering positions in that company.



### Anne Lange

Director, IBSG  
Cisco Systems

As an executive leader of the Internet Business Solution Group, the business innovation department of Cisco, Anne has led strategic projects related to intelligent urbanization and smart cities, education and skill strategies, and central government reforms.



### Kent Larson

Principal Research Scientist and  
Director of the Changing Places  
Group "MIT Media Lab Department  
of Architecture & Media Lab"

Kent directs the Changing Places research group at the MIT Media Laboratory, focusing on areas such Responsive Housing, Urban Mobility-on-Demand, Living Labs, City Science (technology-driven solutions for future cities challenges) and CityHome (transformable apartment for urban dwellers)

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
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## SHORT BIO

L



### Adrián Latorre Di Leo

Solution Manager  
Altran Innovación, S.L.U

Adrian is Mobile Solution Manager of Altran Spain, a global consultancy on technology and innovation. Trained in Systems Engineering, he specialized in helping public administration on novel mobile technologies to fulfill citizens needs on the new smart cities scenario.



### Shannon Lawrence

Energy Director  
C40 Network



### Alain Le Saux

General secretary Metropolis, World  
Association of Major Metropolises

Secretary General of Metropolis, an international organization that gathers cities and metropolitan regions with more than a million inhabitants. Alain is also Executive Director of the Global Fund for Cities Development (FMDV). He was trained as Civil Engineer.



### Jung-hoon Lee

Associate Professor of Innovation &  
Technology Management  
Yonsei University

Jung-hoon is currently an associate professor at the Graduate School of Information (GSI), Yonsei University in Seoul. His recent research focuses on "Smart Green City", specially the IT-based service design and implementation in urban planning and development.



### Dan Lewis

Chief of Urban Risk Reduction Unit,  
Risk Reduction and Rehabilitation  
Branch Human Settlements  
Programme (UN-Habitat)

Dan is the Chief of the Urban Risk Reduction Unit, UN-Habitat, Kenya, currently leading the development of a new programme for this UN agency designing new standards for urban resilience. He has managed the global portfolio of disaster and conflict related work of the Agency since 2002.



### Diana Lind

Executive Director &  
Editor in Chief  
Next City

Diana is executive director and editor in chief at Next City, a non-profit organization dedicated to connecting cities and informing the people who work to improve them. Her writing has been published in The New York Times, Architectural Record and many other publications.



### Roman Llagostera

Deputy Manager of Environment and  
Urban Services  
Barcelona City Council

Trained as Agricultural Engineer and Master in Business Administration, Roman is currently Deputy Manager of Environment & Urban Services at City of Barcelona, where he previously worked as Director of Water Cycle Services. He was also Area Manager in a water private company for 13 years.



### Ana María Llopis

Chairman and CEO  
Global ideas4all S.L.

Ana María is currently the non-executive Chairwoman of DIA Group Food Stores and Non-executive independent Director of Société Générale French bank. She was founder of Openbank (Group Santander), a leading internet bank in Spain, and CEO of ideas4all, The Social Network for Ideas.



### Alfredo Llorente del Río

Technical engineer  
Nobletek  
Spain

Alfredo is a freelance Geographer consultant with over 5 years of experience in the field of geography and cartography. He holds a Degree in Geography, Urban and Regional Planning from the University of Cantabria and he specialized in Sustainable Tourism in the Università degli Studi di Milano.













### Wolfgang Loibl

Thematic Coordinator for "Energy in  
Cities", Deputy Head of Business Unit  
Sustainable Buildings and Cities  
AIT - Austrian Institute of Technology

Wolfgang has been working for the last 25 years in the Austrian Institute of Technology, where he is now senior scientist and deputy head of a unit in the Energy Department. He focuses on spatial analysis and modeling of urban systems, dealing with energy and infrastructure planning.

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
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NAME - POSITION - ORGANIZATION	SHORT BIO	L-M
 <p><b>José Antonio López Becerra</b> CTO/CIO Saba Infraestructuras</p>	José Antonio joined Saba Parking as Director of Technology and Systems in 2009, moving to his current position of Director of Technology and Systems of Saba Infraestructuras after the creation of the Group in 2011. He previously held various positions in Abertis, Auna and Menta.	
 <p><b>Amory Lovins</b> Co-Founder and Chief Scientist Rocky Mountain Institute</p>	Amory is a consultant and innovator in energy and its links with resources, security, development, and environment. Engineering academician, for four decades he has advised the energy and other industries, briefed 23 heads of state and written 31 books and over 490 papers.	
 <p><b>Marcel Macarulla</b> Researcher / Assistant lecturer Group of Construction Research and Innovation (GRIC) - Universitat Politècnica de Catalunya (UPC)</p>	Marcel is currently working on the ENCOURAGE project analysing energy consumption data to determine the factors which impact on the building energy consumption. His research interests include quality management in whole building cycle, rework prevention, and energy efficiency in buildings.	
 <p><b>Peter Madden</b> CEO Future Cities Catapult</p>	Peter is Chief Executive of the Future Cities Catapult, a new global centre of excellence on city-innovation that will bring together business, academia, innovators and cities in a unique collaboration to develop products and services for the cities of tomorrow.	
 <p><b>Bob Mainguy</b> Director Global Business Development Thales Communications and Security</p>	Currently Business Development Director at electronic systems company Thales, Robert has more than 25 years of experience in international sales and marketing with a primary interest within communication and information systems for Oil & Gas, Power, Utilities, Telecoms and Transportation customers.	
 <p><b>Albert Malagarriga</b> Founder ParkedInside</p>	A young dynamic entrepreneur, Albert is passionate about big challenges. That is why he has been working during the last year to make possible ParkedInside, a mobile application to find empty parking spaces with discounts enabling more sustainable cities.	
 <p><b>Colette Maloney</b> Smart Cities and Sustainability Head of Unit, DG CONNECT European Commission</p>	Colette is Head of Smart Cities and Sustainability unit at the European Commission. This is the unit responsible for R&D activities on ICT and sustainability including energy-efficient buildings and cities, smart electricity grids, low-carbon transport and mobility, and efficient water management.	
 <p><b>Paul Manwaring</b> Co-founder and Creative Director Glimworm IT BV</p>	Multimedia artist Paul Manwaring co-founded web and app developer agency Glimworm IT BV in 2001. A former Hollywood Art Director, he shifted his focus from traditional to new media bringing unique insight into the creative process of software, web and app development and design.	
 <p><b>Jordi Marin</b> Smart Cities Director Indra</p>	Director of Public Administration and Health in Indra from the markets of Catalonia and Balearic Islands. He lectures at the Faculty of Political Science and Public Administration (University of Pompeu Fabra). He holds a degree in Economics and a Master in Management for Public Administration.	
 <p><b>Antonio Marqués Moreno</b> Director of Technology ETRA Group</p>	Antonio is currently the Director of Technology at ETRA I+D (Grupo ETRA), provider of technology solutions and services. He holds an MSC in Physics with Computing from the University of Valencia (Spain), a Diploma in Operational Research and a Master in Business and Innovation Management.	

# SPEAKERS

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### SHORT BIO

M



#### Lluïsa Marsal

Director of the Master Program and the Chair in Smart Cities  
University of Girona

Maria Lluïsa has a degree in Architecture, a diploma in Advanced Studies in Urban Planning, and PhD in Urban and Spatial Planning from Universitat Politècnica de Catalunya. She has a Master in Applied Informatics and a PhD in Technology from Universitat de Girona.



#### Matthew Marsh

Creative Director  
Firsthand Experience

Matt, creative director at business innovation consultancy Firsthand Experience, has a background in behavioural science & user-centered innovation. He is expert at providing innovation teams with the missing user perspective that links new products & services to successful commercialisation.



#### Xavier Martí

Chief Executive Officer  
IGS Research

After 7 years at world-class academic centres, Xavier desired to fill the gap between research and applications. He realized how magnetism could play a crucial role in Smartcities. SPINWIRE was the seminal project of IGS-RESEARCH, now operating in United States, Czech Republic and Spain.



#### Deise Martins

Deputy Chief of Staff - Mayor's Office  
Canoas City Hall



#### André Martins Dias

Head of Intelligent Systems  
CEIIA



#### Mirko Masi

Communication Service Manager  
Abertis Telecom



#### Sergio Massa

Intendant Tigre  
City of Buenos Aires

Alcalde del municipio argentino de Tigre desde 2009, puesto para el que fue reelegido en el 2011, Sergio fue electo Diputado provincial por Buenos Aires con 27 años. Fue Diputado Nacional en el 2005 y Jefe de Gabinete de la Presidencia de la Nación en el 2008.



#### Gordon Matheson

Leader of the Council  
Glasgow City Council

Member of the Labour Party, Gordon was elected Leader of Glasgow Council in 2010. In this role, he has approved a scheme to reduce Glasgow's landfill by 90%; introduced winter fuel payments to pensioners; and embarked on the refurbishment or rebuild of every school in the city.



#### Sommer Mathis

Editor  
The Atlantic Cities

Sommer is currently editor of The Atlantic Cities, where she oversees The Atlantic's digital urban affairs coverage. Previously she spent five years editing and reporting on the Washington D.C. metro area as editor-in-chief of DCist.com and News Editor at TBD.com.



#### Mario Andrés Meoni

Mayor  
Junin City

Currently Mayor of the city of Junin (Argentina), Mario Andrés has over 20 years experience in Public Administration Management. One of his last actions has been the implementation of a system for direct election by citizens of municipal delegates using electronic voting.

# SPEAKERS IN ALPHABETICAL ORDER

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## N-M



### Carlos Merino

Power Electronics and Control Division Manager  
National Hydrogen Center (CNH2)

Trained as Electrical Engineer with a Master in Renewable Energy and Energy Efficiency, Carlos is currently Power Electronics and Control division manager at National Hydrogen Center (CNH2), Spain. He worked previously as R & D engineer in various companies in the energy, hydrogen and fuel cells.



### Alex Mestre

Marketing Director  
Abertis Telecom

Alex is Marketing Director at abertis telecom, an infrastructures and telecommunication services Spanish group. He is also the Vice-President of the European association DigiTAG (Digital Terrestrial Action Group) in Geneva. He previously worked for SONY during 10 years.



### Josep Maria Miranda

General Manager  
Acefat, A.I.E.

Josep Maria is General Manager of ACEFAT, a company managing and coordinating works on public service infrastructures in Barcelona. He is also an active partner in the Barcelona Resilience Group, making Barcelona's metropolitan experiences in city management available to other cities.



### Siwanand Misara

Scientific Researcher & Industrial Acquisition Manager  
Fraunhofer IWES 3

Trained as electrical engineer at the University of Hannover, Siwanand joined Fraunhofer IWES as a researcher in 2006. He is also a member of EERA-Smart City initiative and has been involved in several projects in the field PV systems technology and building integration.



### Carlos Moreno

Professor  
Scientific Committee of the High Council for Strategic Education and Research (CSFRS)

University Professor focused on the intelligent control of complex systems, Carlos develops his career around the vision of "Digital and sustainable City" and activities always on the convergence between research, innovation and industrial practice.



### Derek Morgan

Energy Efficiency Manager  
Durban Municipality, South Africa

Ines is currently leading the strategic development of Thales's French based transportation business segments, including road, rail, and ITS, across a worldwide market. Early on in her career, Ines lectured at the Ecole Centrale Paris where she was awarded a PhD in management and strategy.



### Inés Mouga

Head of Strategy & Development  
Thales Communications & Security (TCS)  
Thales Group

Keiichiro has been since April 2013 the Deputy General Manager of Smart City Project Division in Social Innovation Business Project Division for Hitachi Ltd, a company he joined in 1982. He now coordinates business planning and international standardization activities.



### Keiichiro Nakanishi

Deputy General Manager  
Smart City Project Division, Social Innovation Business Project Division, Hitachi, Ltd.



### Carlos Negreira Souto

Mayor  
Ayuntamiento de A Coruña

Currently Mayor of Corunna and President of the Conference of Atlantic Arc Cities, Carlos previously held various positions in local government offices. He was President of Portos de Galicia (Galicia Port Authority) and Director of Strategy and Development at Correos (Spanish National Post Service).



### Larry Ng Lye Hock

Urban Design Director  
Urban Redevelopment Authority

Group Director of Architecture and Urban Design Excellence at URA, the planning and conservation authority of Singapore. With more than 20 years experience, Larry has introduced many innovative design solutions to bring up the standards of public housing to be comparable to those of private housing.



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### N-O-P



#### Álvaro Nicolás Loscos

Consultant  
Anteverti

Alvaro Nicolás Loscos is a Civil Engineer specialized in strategic planning of cities and mobility, Master in International Urban Planning. He works as an urban strategy consultant for anteverti and he is the program coordinator of the congress of the Smart City Expo World Congress.



#### Hanna Niemi-Hugaerts

Project Manager Forum Virium  
Helsinki

MA in New Media, Hanna has an extensive experience on concept design for digital services. She currently works as a project manager at Forum Virium Helsinki on promoting and piloting open, interoperable APIs, pursuing new means to fuel developer engagement.



#### Juan Luis Nuñez

Director Fundación  
País Digital

Trained as Lawyer and currently General Manager of the País Digital Foundation, Juan Luis professional experience has been linked to the areas of telecommunications, free competition and regulation, having worked both in Chile and in the United States.



#### Melanie Nutter

Director  
San Francisco's Department  
of Environment

Melanie leads the San Francisco Department of Environment, which helps all city residents and businesses to take an active role in protecting and enhancing the urban environment. She has over eighteen years experience in fundraising, events management, grassroots organizing and media relations.



#### Francesco Oddone

Comune di Genoa



#### Antoni Orti Hernández

Project Manager  
OTEM2000. Green Solutions  
& Management S.L.

Antoni is an entrepreneur co-founder of OTEM2000 Green & Management Solutions, a company specialized in local generation of clean energy through different technologies and innovative solutions as EnergyFloors, SolarFloors, Hybrid EnergyFloors and Smartfloors.



#### Daniel Ortiz

Mayor  
Móstoles City Council



#### James Pace

Managing Director, UK and Ireland  
Silver Spring Networks

James is Managing Director at Silver Spring Networks UK, where he is responsible for commercial operations and new market development in the UK and Ireland. Previously at the same company he was responsible for defining networking solutions designed to address both Smart Grids and Smart Metering.



#### Mario Paredes Otálora

Founder of Ride to Change  
Ride to Change

Architecture student and bicycle enthusiast, Mario was awarded with one of the Cycling Visionaries Awards of the Congress Velo-City 2013 in Vienna. He is currently working on different projects to promote bicycle solutions in different cities.



#### Dan Parham











Co-founder  
CEO Neighborland

Co-founder and product manager of Neighborland, a company focused in empowering people to take action on local issues. Previously, Dan was a Director of User Experience at Yahoo. In 2010, he traveled across Asia to research, photograph, and write about urban design.

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NAME - POSITION - ORGANIZATION	SHORT BIO	P
 <b>Peter Park</b> Planning director Denver	Founder and managing director of Clean Edge, Ron is an accomplished researcher, writer, publisher, and entrepreneur. He has coauthored more than three dozen reports on clean technologies, markets, and policies, and consults regularly to companies, government agencies, NGOs, and investors.	
 <b>Lara Pérez</b> Project Manager GNARUM	An Engineer specialized on Energy and Environment, Lara entered GNERA Group in 2009 as an energy consultant, focusing her career on energy markets and renewables. She integrated GNARUM's renewables IT services team as project manager for European projects.	
 <b>Rafael Pérez Colón</b> World Senior Director, Public Sector International Organizations   Microsoft Corporation	Rafael is responsible for Microsoft's collaboration with international development agencies, and public sector business development focusing on emerging economies. During his 35+ years of professional experience, he has performed as University Professor, Researcher, Journalist, CIO and Consultant.	
 <b>Ron Pernick</b> Founder and managing director Clean Edge Inc	Founder and managing director of Clean Edge, Ron is an accomplished researcher, writer, publisher, and entrepreneur. He has coauthored more than three dozen reports on clean technologies, markets, and policies, and consults regularly to companies, government agencies, NGOs, and investors.	
 <b>Stefano Persi</b> Director ENIDE Solutions	Co-founder and Director of engineering company ENIDE, Stefano has been involved for many years in research and innovation in transport & logistics sectors, especially in the field of green vehicles and supply chain. He has also experience in the fields of telecommunications and aerospace.	
 <b>Asdrúbal Pichardo</b> Managing Director EMEA & APAC Streetline, Inc.	Asdrúbal is currently leading the EMEA & Asia Pacific business of Streetline, a global provider of sensor enabled smart city solutions. In addition to education in management at MIT and INSEAD, he holds a Computer Science and a M.Sc. degree in Advanced Computing from King's College London.	
 <b>Francis Pisani</b> Independent journalist and writer Le Monde & El Pais	Author, columnist, speaker, consultant, Francis analyzes information technology's social and geopolitical impacts. His articles have been published by more than 100 publications on four continents. He completed a yearlong world tour of innovation in ICT and innovation strategies.	
 <b>Owen Poole</b> Marketing Director, Transport & Security Thales Group	Owen is marketing director for Thales' French transport and security activities, with overall responsibility for co-ordination of marketing across a diverse portfolio. Prior to this, he has held various sales positions within UK and France.	
 <b>Zvika Popper</b> Director – Sustainable Development & International R&D Edna Pasher & Associates Management Consultants	A consultant and researcher, Zvika is director of the Sustainable Development and international R&D departments at Edna Pasher PhD & Associates consultancy. As such, he is involved in projects on sustainable management strategies and various EC projects on the interaction between ICT and Society.	
 <b>Alexander Prado Lara</b> Researcher AgoraLab	Alexander has more than 15 years of experience as entrepreneur, CEO, CIO and CTO in several technology based companies. He has been researcher of AgoraLab of Federal University of Santa Catarina (UFSC), Brazil, and Brazilian business school Fundação Dom Cabral (FDC).	

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### P-Q-R



**Giorgio Prister**  
President  
Major Cities of Europe

President of Major Cities of Europe, a non profit organization with the mission of promoting the exchange of experiences about innovation in cities driven by Information and Communication Technologies (ICT). Giorgio worked for 32 years for IBM covering multiple professional and managerial positions.



**Tim Pryce**  
Associate Director  
The Carbon Trust

Tim heads up the Carbon Trust's public sector work, helping public bodies to cut costs and carbon. A qualified Chartered Accountant, he spent five years at the National Audit Office where he worked on published reports on the Carbon Trust and flood risk management among others.



**Pep Puig**  
PhD engineer  
Ecoserveis

University Professor at Autonomous University of Barcelona more than 30 years, Pep is currently leader of ""Living from the air of the sky"" project, the first citizen's owned wind generator in Spain. He is co-founder of Ecotècnia and Ecoserveis companies."



**Arnau Queralt**  
Director at Advisory Council  
for Sustainable Development  
Generalitat de Catalunya

Arnau is Director of the Advisory Council for the Sustainable Development of Catalonia and Secretary of the Steering Committee of the network European Environment and Sustainable Development Advisory Councils. In the past, he was president of the Catalan Association of Environmental Professionals.



**Oisín Quinn**  
Lord Mayor  
City of Dublin

Oisín main objectives as Lord Mayor of Dublin are to promote the city as a gateway to Europe for business, making Dublin a family-friendly city that embraces diversity at all levels of society. A member of the Labour Party, he was first elected to Dublin City Council in 2004 and re-elected in 2009.



**Jayesh Ranjan**  
Vice Chairman & Managing Director

Closely involved with urban management issues, Jayesh is currently member of the Indian Administrative Services located in the city of Hyderabad. As such, he is looking after portfolios of major and industrial infrastructure and investments for the government of Andhra Pradesh.



**Steffen Rasmussen**  
Head of Department, Traffic Design  
Copenhagen

Working as an architect since 1990, Thomas established RAU architects and the oneplanetarchitecture institute think tank. He also founded in 2011 turntoo, a company inspired by Cradle to Cradle movement. Thomas is ranked nr.18 of the Top100 Dutch key players in sustainability.



**Thomas Rau**  
Founder and CEO RAU and Turntoo

Working as an architect since 1990, Thomas established RAU architects and the oneplanetarchitecture institute think tank. He also founded in 2011 turntoo, a company inspired by Cradle to Cradle movement. Thomas is ranked nr.18 of the Top100 Dutch key players in sustainability.



**Fernando Rayón**  
Business Innovation Manager  
Aqualogy

Business Innovation Manager of Agbar / Aqualogy, Fernando has an extensive career in water management, lately focusing on technological and business innovation in the areas of Smart Cities, digital economy, intrapreneurship and venture capital.



**Ilmar Reepalu**  
Vice President of the Swedish Association of Local Authorities and Regions  
SALAR

Ilmar is a Member of the EU Committee of Regions since 2007 and, more recently, he became a Member of the Congress of Local and Regional Authorities of the Council of Europe. Trained as Civil Engineer and Architect, he specialised in sustainable city planning.



# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

## NAME - POSITION - ORGANIZATION

## SHORT BIO

R



### Luís Reis

Mobility Manager  
CEIIA



### Albert Remke

Director  
52°North Initiative

Albert is managing director of the 52°North Initiative for Geospatial Open Source Software, an international R&D network with partners from research, industry and public administrations aiming to foster innovation in the field of Geoinformatics by organizing a joint OSS software development process.



### Jaciel Reyes Giraldo

Director of Product Design  
Capmar Information Systems

Jaciel is a Colombian Industrial Designer. Always interested in transportation and mobility, he came to Barcelona to specialize in Automotive Design. Since 2009 he's been working on various projects that have revolutionized the public transport network in Barcelona and other cities around Spain.



### Gustavo Ribeiro

Head of Cities Programme  
Dansk Arkitektur Center

Head of the CITIES programme at the Danish Architecture Centre, Gustavo is responsible for a portfolio of projects such as Sustainable Cities, a platform for international best practice on sustainable urban development, and a masterclass on Strategic Urban Governance.



### Joan Enric Ricart

Carl Schroder Professor of Strategic Management  
IESE Business School - Universidad de Navarra

Professor at IESE and visiting Professor in many other Business Schools, his areas of interest are strategic management (business models), organizational design, economics of organizations, sustainability and off-shoring. He has an extensive record of publications, including numerous books.



### Dante Ricci

Global Marketing and Communications Public Services  
SAP Public Services

Currently responsible for Global Public Services and Healthcare Marketing and Communications at SAP, Dante has over 17 years of experience in technology holding roles in operations, finance, solution engineering, solution management, strategy and innovation.



### Victor Rico

Corporate Director for Institutional Development and Special Affairs  
CAF, Development Bank of Latin America

Currently Corporate Director for Institutional Development and Special Affairs at CAF, Latam Development Bank, Victor studied Economics and has a Master in Foreign Affairs from Universidad de Belgrano, and an advanced degree on European Monetary System from The London School of Economics.



### Joan Rieradevall

Professor Department Chemical Engineering, Researcher ICTA & Coordinator of Environmental Science Studies  
Universitat Autònoma de Barcelona

Researcher at Sostenipra-ICTA (UAB) and Coordinator of Environmental Science Studies in the areas of Life Cycle Assessment, eco-innovation, eco-design and agrouban systems. Ramon has published more than 80 articles in indexed journal, over 100 other articles and 20 books on environmental subjects.



### Mercè Rius

Environment Representative  
Diputació de Barcelona

Currently Deputy Assistant at Environmental Area of the Province of Barcelona, Mercè was also Councillor of the Metropolitan Water Services and Waste Treatment of Barcelona's Metropolitan Area. She worked as Head of several sewage treatment plants of Abengoa and Abensur companies.



### Jordi Robles Figueras











Chairman and CEO  
Aqualogy Development Network

Industrial Engineer specialized in Organization, Jordi worked over 5 years in production, organization and coordination departments in companies as Sony, Caixa Penedès and BMN, having a current position of Project Manager of social network monitoring projects.

# SPEAKERS

## IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

NAME - POSITION - ORGANIZATION	SHORT BIO	R-S
 <b>Francesc Robusté</b> Professor of Transportation, Director of CENIT, Center for Innovation in Transport. UPC Universitat Politècnica de Catalunya, BarcelonaTech.	Specialist on scientific analysis of transportation systems, Francesc is Director of the Center for Innovation in Transport of BarcelonaTech and President of the Spanish Transportation Engineering Society. He is also Director of the Abertis endowed Chair on transportation infrastructure management.	
 <b>Carles Rossinyol</b> New technologies deputy director Diputació de Barcelona	Chairman of the Department of Finance of the Province of Barcelona and alderman at the City of Sabadell, over the past decade Carles has developed a large part of his career in Sindicatura de Comptes, the Audit Office of Catalonia, where he held several positions.	
 <b>Antonio Royo</b> General Manager UVAX Concepts S.L	Founder and CEO of electronic services company UVAX, Antonio has 30 years of experience in the electronic industry as R&D Engineer. He is BS in Electrical Engineering in Winterthur School of Engineering, MSEE in University of Valencia, and holds several degrees in Berkeley University.	
 <b>Javier Sáenz Coré</b> Coordinator for the MuNet e-Government program Organization American States	Currently responsible for the MuNet e-Government program, he has designed and implemented local e-government strategies, government web portals, and collaborative work and training environments within Latin American countries. Javier is also a professor of Governance and New Technologies.	
 <b>Juan Luis Sampedro</b> CEO Skybus	Trained as Telecommunications Engineer at Universidad Politécnica de Madrid and MBA at Instituto de Empresa, Juan Luis is currently CEO at Skybus, an "a la carte" shuttle services company. He was previously VP Sales & Business Development at Servista, an IT services company.	
 <b>Pablo Sánchez Chillón</b> Innovative Urban Planner Eolexcitylab	Lawyer, Political Scientist, Urban Planner and Researcher, Pablo is a regular guest lecturer and conference speaker in international forums on innovation and urban matters. He also is co-founder and CEO of Legal /Consultancy teams Eolexcitylab and Sánchez Chillón Abogados.	
 <b>Joan Carles Sánchez Salinas</b> Mayor Sabadell City Council		
 <b>David Sandel President</b> Sandel & Associates	President of Sandel & Associates, David and his team work with cities, technology organizations and service providers to develop plans to accelerate the economic development of their Smart or Gigabit City initiative. He also currently serves as an advisor to the Kansas City Google Fiber project.	
 <b>Manel Sanromà</b> Chief Information Officer Barcelona City Council		
 <b>Caterina Sarfatti</b> Project Manager International Affairs Department Smart City Mayor Office City of Milan		

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

## NAME - POSITION - ORGANIZATION

## SHORT BIO

S



### Katrin Saternus

Spokesperson, Corporate  
Communication  
Daimler Mobility Services GmbH

After holding communications management jobs in Diageo and SCA Hygiene Products, Katrin is since last February responsible in Daimler Mobility Services for the external communication of the moovel project, a mobility platform that bundles the offers of diverse mobility providers.



### Jan Schabert

Architect  
Guenther & Schabert architects  
urban planners

Born in München in 1967, Jan studied Civil Engineering and Architecture at Stuttgart University and Entrepreneurial University in Munich TUM. He founded his own architecture office in 1999 and has been teacher and researcher in various European countries.



### Thorsten Schäfer

CEO  
Azeti Networks AG

CEO of azeti Networks, a company focused in sensorization and M2M technologies. Thorsten joined Earlybird Venture Capital as a venture partner in 2009. He was Engineer at Fraunhofer Gesellschaft, considered Europe's largest application-oriented research organization.



### Sebastian Martin Scholz

Task Force on Low-Carbon and  
Livable Cities  
World Bank



### Pepa Sedo

ASCAMM



### Catarina Selada

Head of Cities Department INTELI -  
Inteligência em Inovação  
Centro de Inovação

Catarina is Head of Cities at INTELI Innovation Centre. She has been working in several European and national projects on smart cities, namely the Smart City Index and the Smart Cities Portugal network. Trained in Economics and master in Technology Management by the Technical University of Lisbon.



### Maria Serrano

SmartCity Excellence  
Center Director  
Schneider Electric

María is the Director of the Center of Excellence SmartCity Telvent-Schneider Electric. She previously led several innovation projects of City of Sant Cugat del Vallés (Barcelona) such as its Smart City Strategic Plan. She has published several articles in professional journals and magazines.



### Javier Sesma

Managing Director  
Thyssenkrupp Elevators

Javier is Managing Director of the World Centre for Research, Development and Innovation of ThyssenKrupp Elevator. He also a member of the Innovación España Foundation Executive Committee and a visiting professor at various Master programs on the areas of Innovation and Business Development.



### Alan Shark

Executive Director  
Public Technology Institute

CEO of Public Technology Institute (PTI), Alan is a speaker, writer, as well as a recognized thought-leader for professional development issues for IT executives and public managers. Among his many books he is the author of 7 Trends That Will Transform Local Government Through Technology.



### Sami Siltainsuu

Development Manager - EPC  
Schneider Electric

MSc in applied thermodynamics, Sami has worked in multiple roles as energy expert and on sales and project management in energy efficiency related business, pioneering performance contracting in Finland focusing on public sector. He is currently working on global performance contracting projects.

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
WORLD CONGRESS

## NAME - POSITION - ORGANIZATION

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S



### Beatriz Simón

Concejala de Empleo, Sociedad de la Información, Innovación y Proyectos Emprendedores  
Valencia City Council

Licenciada en Derecho en la Universidad de Valencia, Beatriz es actualmente Concejala Delegada de Empleo, Sociedad de la Información, Tecnologías de la Comunicación, Innovación y Proyectos Emprendedores en el Ayuntamiento de la misma ciudad. Es también Vicepresidenta de la Fundación Valencia Crea.



### Mohinder Singh

Dean  
Land Transport Authority

Mohinder is the Dean of the LTA Academy in the Land Transport Authority of Singapore, an organization responsible of research, training and knowledge exchange on land transport policy and planning. He previously served in other various positions overseeing urban and transport planning in Singapore.



### Søren Smidt-Jensen

Advisor International Federation for  
Housing & Planning



### Andrew Smyth

Chair of the Smart Cities Center of the  
Institute for Data Science and Engineering,  
Professor of Civil Engineering & Engineering  
Mechanics - Columbia University

Chair of the Smart Cities Center at the Columbia Institute for Data Science and Engineering. Professor of civil engineering and engineering mechanics, Andrew specializes in structural health monitoring, using sensor information to determine the condition of critical infrastructure.



### Cheryl Song

Deputy Director, Development and Partnerships. Singapore-ETH Centre for Global  
Environmental Sustainability,  
Future Cities Laboratory

Cheryl is Deputy Director at the Singapore-ETH Centre (SEC), a hub for research, scholarship and entrepreneurship of ETH Zurich in Singapore. He manages SEC's partnerships with industry, government and academic institutions, and implements projects to translate research into real world applications.



### Gil Soto Tolosa

European Business Development  
Manager, Lighting Solutions Centre  
(LSC). Professional Lighting Solutions  
Europe

Gil is Business Developer Manager for Philips Lighting Solutions department, focused in Smart Cities. In this role, he is responsible new Philips propositions entering into remote light control and asset management software platforms, added value services and new business models.



### Sylvie Spalmacin-Roma

Vice President, Smarter Cities, Europe  
IBM

Sylvie is currently IBM Vice President for Smarter Cities in Europe, after 2 years experience in that area driving smarter cities in France. She was previously responsible for defining the strategic vision and deployment of the IBM portfolio to the SMEs market.



### Kim Spiegelberg

Acting Head of Digitalization  
Technical and Environmental Administration, City of Copenhagen

Digitalization manager in The Technical and Environmental Administration in Copenhagen, Kim has previously been head of the urban planning division for the inner city of Copenhagen, where he used his experience in the development of Copenhagen as a smart city.



### Magdalena Andreea Strachinescu

New energy technologies, innovation  
and clean coal Head of Unit  
DG ENER European Commission



### Nobuya Suzuki

Vice Mayor  
City of Yokohama

Nobuya started working for the City of Yokohama in 1978. Since then, he has been in charge of projects including housing policy planning and redevelopment of the Yokohama station areas. He has been Director-General of Housing and Architecture Bureau before assuming office as Deputy Mayor.

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
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## NAME - POSITION - ORGANIZATION

## SHORT BIO

T



### Chris Taggart

Co-founder & CEO  
Open Corporates

Chris is the Co-founder & CEO of OpenCorporates. Launched three years ago, OpenCorporates has grown to become the largest open database of companies in the world, with over 60 million companies in 80 jurisdictions. He was previously Managing Director of Beach Magazines & Publishing.



### Han Tambuyzer

Managing Director  
Nazka Mapps

Han believes that geo-ict and smart mapps will add a crucial tool in the support of daily life decisions. He is one of the founders of Nazka, a SME company active in geo-consultancy, earth observation, geo-data visualisation, spatial analysis, mobile applications and GIS engineering.



### Jose Antonio Teixeira Vitienes

Innovation General Manager  
Santander City Council



### Cecilia M Tham

Founder and director  
MOB // Makers of Barcelona

Cecilia is the founder and director of the co-creating space Makers of Barcelona (MOB). She has received her degree in Biology, Arts, as well as a Master in Architecture from Harvard University, and has a multi-cultural background from Hong Kong, Macau, Atlanta, Boston and Barcelona.



### Mihaela Thuring

Researcher VITO (Flemish Institute for  
Technological Research)

With over 14 years of experience, Mihaela covered many aspects of organizations' processes. Currently she is involved in European research projects mainly focusing on actions meant to contribute to the transition process of cities towards efficiency and sustainability.



### Adie Tomer

Senior Research Associate and Associate Fellow, Metropolitan Policy Program Brookings Institution

Adie is an associate fellow at the Brookings Institution's Metropolitan Policy Program. His work focuses on metropolitan infrastructure usage patterns, including personal and freight transportation, and the intersections between infrastructure and technological development.



### Christian Tordo

Deputy Mayor  
City of Nice



### Marc Torrent Moreno

Head of R+D Mobility and Energy  
Barcelona Digital Technology Centre

Marc is an ICT professional who has contributed and led numerous R&D and innovation projects in different European countries and the US. Currently, he is head of the R&D Mobility and Energy group in Barcelona Digital Technology Centre. He is M.Sc. in Telecommunications Engineering.



### Anthony Townsend

Research Director  
Institute for the Future

Anthony is Research Director at the Institute for the Future and Senior Research Fellow at New York University, researching on the implications of technology on cities and public institutions. He recently published his first book, Smart Cities: Big Data, Civic Hackers and the Quest for A New Utopia.



### Stephen Turner

Head of Future Cities  
Manchester City Council

Steve recently took up the post of Head of Future Cities for Manchester City Council. In this role he is responsible for designing and co-ordinating the delivery of the 'Manchester Future Cities' programme. Previously, he was Head of Low Carbon Economy for Greater Manchester for five years.



# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
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## NAME - POSITION - ORGANIZATION

## SHORT BIO

## U-V



**Roberto Urrea Ramirez**  
Director de Operación  
Sistemas Inteligentes en Red

Roberto is currently Operation Director on Sistemas Inteligentes en Red S.A.S., the company managing the Traffic Control Center in Medellin. Trained as Electrical Engineer from Universidad Nacional de Colombia, he is also Specialist in Financial Management from Universidad Autónoma Latinoamericana.



**Yasuo Utsumi**  
Prof., Dr. Engineering, Vice President  
Sendai National College of  
Technology

Yasuo is the vice president of HOPE (Higashimatsushima organization for progress on economy, education and energy) and sub-manager of Smart Grid working group at MITI (Ministry of International Trade and Industry). He also serves for innovation and recovery from the seismic disasters.



**Manuel Valdés**  
Deputy Manager of Infrastructure  
and Urban Coordination  
Barcelona City Council



**Camilo Valdivia**  
Architect

Trained as Architect, Camilo works as researcher and design consultant for projects of diverse scales in Spain and Perú. He has done extensive travelling and research around America, Asia and Middle East for understanding city phenomena and innovation opportunities.



**Mauricio Valencia**  
Infrastructure Secretary  
Gobernación de Antioquia



**Ignacio Valero**  
Researcher  
CIMNE

Ignacio is currently Manager of Technology Transfer at CIMNE (International Center for Numerical Methods in Engineering). Associate Professor at the UPC (Universitat Politècnica de Catalunya) since 1994, he has extensive experience in various fields of building sector in Spain.



**Pieter van Heyningen**  
Programme Manager & PhD  
Candidate. Stellenbosch Innovation  
District; School of Public Leadership,  
Stellenbosch University

Pieter is programme manager of the Stellenbosch Innovation District (SID) in South Africa. He has spent several years studying overseas, including one year as a research fellow at Karl Franzens University in Graz, Austria, where he studied the local clean-tech cluster and smart city initiatives.



**Mark Van Stiphout**  
Head of Cabinet European  
Commissioner for Energy



**Héctor Varela**  
Head of Eptisa Consultancy & Engineering  
Department in Galicia.  
EPTISA

Trained as Civil Engineer at Polytechnic University of Madrid and Master in Infrastructure and Utilities, Hector is Director of Projects and Consultancy Division of EPTISA, where he currently coordinates the Mobility Plan Coruña and its Technology Office.



**Chris Vein**  
Chief Innovation Officer for Global  
Information and Communications  
Technology Development  
World Bank

Chief Innovation Officer for Global Technology Development at the World Bank. In this capacity, Chris leads the implementation of the World Bank's ICT strategy and policy. In previous roles he focused on making government more open, entrepreneurial, and lean.

# SPEAKERS IN ALPHABETICAL ORDER

SMART CITY EXPO  
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## V-W



### Carlos Ventura Quilon

Jefe Departamento de  
Telecomunicaciones  
Rivas Vaciamadrid City Council



### Miguel Veríssimo

Architect and Researcher  
Solar Trap – architects (Armadilha  
Solar - arquitetura)

He works since 1994 in the convergence of architecture, energy and ecology. Miguel created in 1999 Solar Trap, an architecture office and platform to R&D+I creating new concepts, projects and products, bridging promoters with universities and research centers.



### Pedro Vidal Matamala

Smart City unit coordinator, Ministry  
of Transport  
Government of Chile

Coordinator of Smart Cities Unit of the Ministry of Transport and Telecommunications of Chile, Pedro has more than 15 years of professional experience in the public sector, mainly in charge of technology in the Traffic Control Operating Unit of Santiago city.



### Hans Viehmann

Product Manager  
EMEA Oracle

Hans is Product Manager for the Oracle Spatial and Graph option. In this role he is responsible for strategic projects and partnerships, the marketing activities, as well as the internal awareness around the Location Products within Oracle's various regional organizations and business units.



### María Jesús Villamediana

City Services Councillor  
La Rozas City Council

Trained as Industrial Engineer, M<sup>a</sup> Jesús is currently Deputy Mayor and Councillor for City Services of Las Rozas (Madrid). She was previously General Director of Environment of the Community of Madrid and CEO of Innovation and Technology of the City of Madrid.



### Antoni Vives

First Deputy Mayor  
Barcelona City Council

Antoni is Deputy Mayor for Urban Habitat at Barcelona City Council, an area that includes urbanism, town planning, housing, infrastructures, environment and urban services and ICT. He is also Vice President of the Barcelona Metropolitan Area and Councillor for the City District of Les Corts.



### Alexandra Vogl

Urban Development Specialist  
Asian Development Bank

Alexandra is an Urban Development Specialist at Regional Sustainable Development Department of Asian Development Bank (ADB), assisting, coordinating, and providing strategic knowledge and oversight to urban operations in support of green, competitive and inclusive cities for Asia-Pacific Region.



### Celine von der Weid

Director  
Newords

Building on 10 years of communications experience, Céline started in 2012 the first editorial consulting agency specifically devoted to research and innovation, NEWords, based in Paris. She was previously a freelance corporate writer specializing in engineering, construction and manufacturing.



### Yanjing Wang

Vice President  
Internet of Things Application Branch,  
China Communications Industry  
Association (CCIA-ITAB)

Vice-chairman of CCIATAB (Internet of Things Application Branch, China Communications Industry Association), Yanjing has been the initiator of the first civil smart city alliance in China. She is committed to promoting domestic IOT and information technology firms to go global.



### Pam Warhurst

hairperson  
Incredible edible Todmorden

Pamela is the Royal Society of Arts & Manufacturing regional chair and chairs Pennine Prospects, a regeneration company for the South Pennines, and Incredible Edible Todmorden, a local food partnership. She was awarded CBE in 2005 for services to the environment.

# SPEAKERS

## IN ALPHABETICAL ORDER

**SMART CITY EXPO  
WORLD CONGRESS**

### NAME - POSITION - ORGANIZATION

### SHORT BIO

### W-Z



#### **James Waring**

Clean Tech Council President  
City of San Diego



#### **James Watson**

editorial director  
Longitude research

Editor of BetterCitiesNow, which provides analysis and insight on urban issues for city decision makers. Prior to that, James spent five years working as a managing editor at the Economist Intelligence Unit. He has managed, written, and edited research papers on a wide range of city topics.



#### **Anna Wellenstein**

Disaster Risk Management and Urban Development, Latin America and Caribbean Region  
World Bank

Anna is the manager of Disaster Risk Management and Urban Development group in the Latin America and Caribbean Region of the World Bank, working with governments and communities to reduce urban poverty, expand access to services, and make cities more resilient and environmentally sound.



#### **Adam White**

Principal and co-founder  
Group Shot

Adam founded the design firm Groupshot, where his work includes an effort to understand technology in informal settlements and developing cities. He has researched topics ranging from transportation to redevelopment for the Olympics in Beijing and London.



#### **Jordi Williams**

President  
Ctecno

Jordi is currently president of the Technological Circle of Catalonia and consultant for Public-Private Partnership sector. He was Deputy Mayor of Barcelona City Council in charge of Finance and Economic Development area and Minister of Agriculture and Environment of the Government of Catalonia.



#### **Joanna Williams**

Senior Lecturer in Sustainable Urbanism, Director of International Communications Bartlett School of Planning and Director of Zero Carbon Realities. Bartlett school of Planning, University College London.

Senior Lecturer in Sustainable Urbanism at University College London, she is the author of the book Zero Carbon Homes – A Road Map. Joanna is also Director of the Zero Carbon Realities project and member of the working group setting up the Zero Carbon Hub for the Asia-Pacific region.



#### **Eric Woods**

Research Director  
Navigant Research

Eric is a research director of Navigant Research's Smart Industry program. He has years of experience as an analyst and consultant on new technology trends including smart cities and green IT. He is a frequent speaker at industry conferences and regularly quoted in major publications.



#### **Keping Zhang**

Division Chief  
Wuxi Informatization and Radio Administration Bureau

With a long time engagement in urban informatization development, Zhang is currently Director of Wuxi Municipal Bureau of Informatization and Radio. He was considered in 2010 one of Top 10 Figures of China Internet of TheThings and "2011-2012 China Urban Informatization Leader".



**09:00**  
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**WELCOME**

**10:00**  
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**ROOM 1**  
**KENT LARSON**

**11:00**  
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**ROOM 1**  
**PLENARY - IT CITY**  
**INTEGRATED VISIONS**

**12:00**  
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**COFFEE BREAK**

**13:00**  
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**TI 1**  
ROOM 2  
**EG 1**  
ROOM 3  
**CC 1**  
ROOM 4  
**SB 1**  
ROOM 5  
**EP 1**  
ROOM 6  
**CR 1**  
ROOM 7

**14:00**  
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**LUNCH BREAK**

**15:00**  
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**ROOM 1**  
**PLENARY - THE FUTURE OF URBAN**  
**SUSTAINABILITY**

**16:00**  
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**COFFEE BREAK**

**17:00**  
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**VIP OFFICIAL EXHIBITION VISIT**  
**CC 2**  
ROOM 5  
**SB 2**  
ROOM 7

**18:00**  
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**TI 2**  
ROOM 2  
**EG 2**  
ROOM 3  
**SB SC**  
ROOM 4  
**CC SS**  
ROOM 5  
**SS 1**  
ROOM 6  
**CR 2**  
ROOM 7

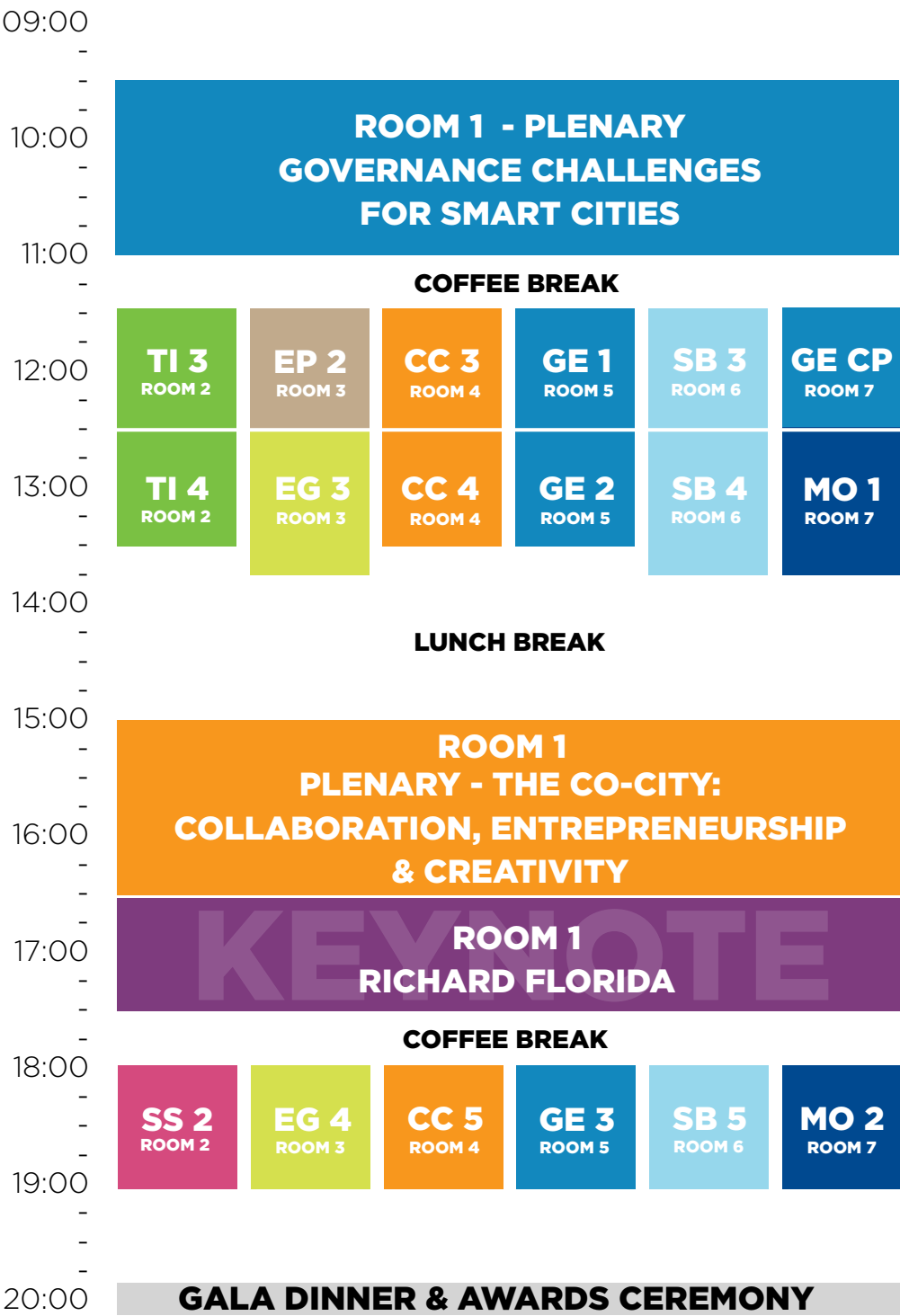
**19:00**  
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|--|---|
|  | <b>KENT LARSON - DESIGN &amp; TECHNOLOGY FOR HIGH-DENSITY, LIVABLE CITIES</b> |
|  | <b>(TI 1) CITY IN THE CLOUD</b>   |
|  | <b>(EG 1) NEW BUSINESS MODELS AND ENERGY REGULATION</b>                       |
|  | <b>(CC 1) CITIZEN ENGAGEMENT &amp; PARTICIPATION</b>                          |
|  | <b>(SB 1) RETHINKING CITIES: SMART GROWTH</b>                                 |
|  | <b>(EP 1) MOBILITY ELEVATOR PITCH SESSION</b>                                 |
|  | <b>(CR 1) URBAN RESILIENCE STRATEGIES</b>                                     |
|  | <b>(TI 2) INTERNET OF THINGS</b>  |
|  | <b>(EG 2) DISTRIBUTED PRODUCTION, RENEWABLES AND ENERGY STORAGE</b>           |
|  | <b>(SB SC) RETHINKING CITIES: SUSTAINABLE CITIES</b>                          |
|  | <b>(CC SS) SMART CITIES AND SMART SOCIETIES</b>                               |
|  | <b>(CC 2) SOCIAL INNOVATION</b>   |
|  | <b>(SS 1) PUBLIC PRIVATE PARTNERSHIPS FOR THE PROVISION OF URBAN SERVICES</b> |
|  | <b>(SB 2) RETHINKING CITIES: LIVEABLE CITIES</b>                              |
|  | <b>(CR 2) CITY SERVICES FOR SECURITY AND EMERGENCIES</b>                      |

# SESSION PROGRAM

## SMART CITY EXPO WORLD CONGRESS

### WEDNESDAY NOV 20<sup>TH</sup>



- RICHARD FLORIDA - WHY CREATIVITY IS THE NEW ECONOMY**

(TI 3) BIG DATA CHALLENGES

(EP 2) ENERGY ELEVATOR PITCH SESSION

(CC 3) CO-CREATING CITIES: COULD EVERY CITY BECOME SMART?

(GE 1) PUBLIC-PRIVATE COLLABORATION

(SB 3) IMPROVING URBAN WASTE MANAGEMENT

(GE CP) CITY PROTOCOL

(TI 4) APPS FOR SOCIETY

(EG 3) ENERGY MANAGEMENT, SMART GRID & ENERGY EFFICIENCY

(CC 4) SOURCING AND FUNDING URBAN INITIATIVES

(GE 2) EU SMART CITIES INITIATIVES
- (SB 4) SUSTAINABLE URBAN DEVELOPMENT

(MO 1) SMART MOBILITY SOLUTIONS

(SS 2) THE INTELLIGENT CITIES' SPANISH NETWORK DEVELOPMENT

(EG 4) ZERO CARBON CITIES

(CC 5) INNOVATIVE CITIZEN SERVICES

(GE 3) NEW GOVERNANCE FRAMEWORK FOR SMART CITIES

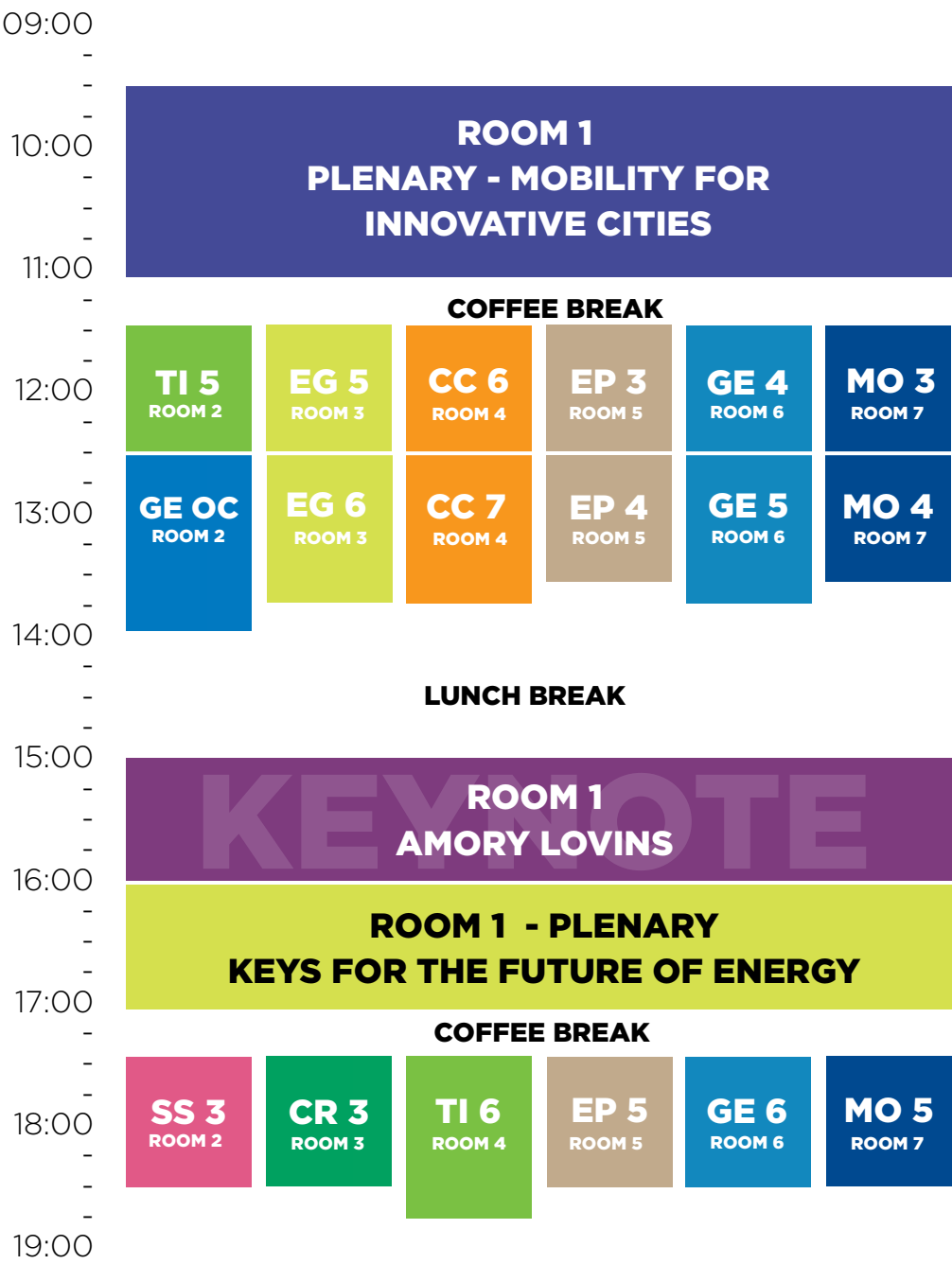
(SB 5) URBAN GREEN & URBAN AGRICULTURE

(MO 2) INTELLIGENT TRANSPORT SYSTEMS

# SESSION PROGRAM

## SMART CITY EXPO WORLD CONGRESS

### THURSDAY NOV 21<sup>ST</sup>



- AMORY LOVINS - REINVENTING FIRE: THE BUSINESS-LED TRANSITION BEYOND FOSSIL FUELS
- (TI 5) CITY SOLUTIONS AND URBAN VISUALIZATION
- (EG 5) SMART CITIES, ENGINES OF SUSTAINABLE DEVELOPMENT
- (CC 6) ENHANCING THE COMMUNITY
- (EP 3) SUSTAINABLE BUILT ENVIRONMENT & CITY RESILIENCE ELEVATOR PITCH SESSION
- (GE 4) SMART ECONOMIC DEVELOPMENT THROUGH GOVERNANCE
- (MO 3) CO-MOBILITY: SHARING URBAN MOBILITY SERVICES
- (GE OC) OPEN CITIES
- (EG 6) REDUCING ENERGY NEEDS & THEIR ENVIRONMENTAL IMPACT
- (CC 7) SMART URBAN REGENERATION

(EP 4) TECHNOLOGY & INNOVATION AND GOVERNANCE ELEVATOR PITCH SESSION(GE 5) OPEN DATA SUCCESSFUL SCHEMES(MO 4) KEYS FOR PUBLIC TRANSFORMATION SUCCESS(SS 3) MANAGING SERVICE PROVISION THROUGH INDICATORS(CR 3) OPERATIONAL PLATFORM FOR RESILIENT CITIES(TI 6) TECHNOLOGY STRATEGIES FOR INNOVATIVE CITIES(EP 5) SMART SOCIETY & COLLABORATIVE CITY ELEVATOR PITCH SESSION(GE 6) SMART & OPEN GOVERNMENT(MO 5) THE BUILT ENVIROMENT FOR MOBILITY

GLOBAL EVENT PARTNERS:



EVENT PARTNERS:



SUPPORTING INSTITUTIONS:



CITIES' ORGANIZATIONS



HOSTED BY



ORGANIZED BY



**PREMIUM MEDIA PARTNERS:**



**COLLABORATING ORGANIZATIONS:**



**MEDIA PARTNERS:**

