Smart City Expo World Congress (SCEWC) has turned out to be the international summit of discussion about the link between urban reality and the technological revolution. Since its first edition in 2011, it has succeeded to become a referential global event to support the development of our cities. This professional, institutional and social meeting point is a leading platform of ideas, networking, experiences and international business deals that gathers together the highest level of stakeholders, in the context of urban development.

The 2015 edition brought more than 14,000 professional visitors together from 105 countries, as well as 421 renowned speakers and 485 exhibitors coming from 568 cities.

This year SCEWC intends to increase the presence of organizations, exhibitors and visitors from all over the world, to keep generating synergies, sharing knowledge, provoke discussion, promote out of the box thinking and inspire a call for actions. There is an imperative need to discuss smart cities and smart citizens. The city must be created not only for citizens but also with them. We want to take advantage of the great improvements produced year by year, concerning technological advances, social achievements, urban issues, social and ecological challenges, new forms of economic development, and innovative forms of citizen governance, to make a qualitative leap in the capacity of debate and exchange between the event attendees.

In 2016 SCEWC wants to continue the great debates about the future of cities and encourage discussion among participants in the industry in a more thorough manner, echoing the concerns and recommendations based on the outcomes. In addition, the event expects to reinforce the new trends in collaborative economy and commons, energy innovation, sustainable mobility, co-production and co-creation dynamics, as well as discuss the important topic of open data or identify opportunities for improvement in education, health or aging populations. Technology today is a pre-distributive resource. Without online access and the use of information and communication technologies, managing cities can become even more complex. It is a matter of modifying and transforming processes, going beyond what has been done before.

The city remains a space of freedom and opportunity, where democracy can thrive in the contemporary world and technology can continue to strengthen this process. The Congress gathers expert and leaders including cities, companies, social entrepreneurs, startups, research centers and citizen initiatives that present their strategies for a smarter and more sustainable urban world. At the Exhibition Area, participants showcase their projects and the technologies that are making concrete and lasting positive impacts on the life of millions of citizens.
Index

1. Keynote Speakers
2. Program Schedule
3. Keynote Sessions
4. Dialogue Sessions
5. Inspirational Talk Sessions
6. Rountable Sessions
7. Plenary Sessions
8. Parallel Sessions

- Governance
- Economy
- Society
- Sustainability
- Mobility
- Data & Technology
- Safety
- Circular Economy
**Susan Etlinger**
Susan Etlinger is an industry analyst with Altimeter Group, where she focuses on data strategy, analytics and ethical data use.

Susan conducts independent research on these topics and advises global executives on strategy related to emerging technologies. In addition, she works with technology innovators to help them refine their roadmaps and go-to-market plans. Etlinger is on the board of The Big Boulder Initiative, an industry organization dedicated to promoting the successful and ethical use of data. She is regularly asked to speak on data strategy and best practices, and has been quoted in media outlets such as The Wall Street Journal, The New York Times, and BBC.

**Dame Ellen MacArthur**
Founder of the Ellen MacArthur Foundation and member of the Club of Rome.
Ellen MacArthur made yachting history in 2005, when she became the fastest solo sailor to circumnavigate the globe, and remains the UK’s most successful offshore racer ever. Having become acutely aware of the finite nature of the resources our linear economy relies upon, she stepped away from professional sailing in 2009 to launch the Ellen MacArthur Foundation, which works with education, business and analysis to accelerate the transition to a restorative and regenerative circular economy.

**Parag Khanna**
Geo-strategic advisor and best-selling author.
The World’s Leading Geo-Strategist, Parag Khanna is the leading next generation voice on the future of global affairs. Named one of Esquire magazine’s 75 Most Influential People of the 21st Century, Khanna was a foreign policy advisor to President Barack Obama during his historic presidential campaign. He is currently a senior fellow at the Lee Kuan Yew School in Singapore and director of Hybrid Reality, a global advisory firm.

**David Bollier**
An independent American scholar, activist and blogger whose work focuses on the commons as a new paradigm of economics, politics and culture.
He pursues this work primarily as co-founder of the Commons Strategies Group, an advocacy/consulting project, and as Director of the Reinventing the Commons Program at the Schumacher Center for a New Economics (US). Bollier has written or edited eight books on the commons, including Think Like a Commoner: A Short Introduction to the Life of the Commons (2014) and, with co-editor Silke Helfrich, Patterns of Commoning (2015). He lives in Amherst, Massachusetts, and blogs at Bollier.org.
Session Program
Tuesday, November 15h

9:30 - 10:15  OPENING REMARKS
Cities for Citizens, Citizens Changing Cities  KN  AUDITORIUM

10:15 - 11:15  PLENARY SESSION
Improving Governance Models for Steering Urban Growth  GO  AUDITORIUM

11:30 - 12:30  PARALLEL SESSIONS
Proactive City Data Governance  GO  ROOM 1
Holistic Approaches to Urban Development and Resilience  ST  ROOM 2
Walkable and Cyclable Cities  MO  ROOM 3
Addressing Urban Growth through City Planning  ST  ROOM 4
Real-Time Open Data Fuelling the Next Generation of Urban Services  DT  ROOM 5
Improving Cities through Education and Culture  SO  ROOM 6

12:45 - 13:15  INSPIRATIONAL TALK
Kent Larson  MO  ST  AUDITORIUM

12:45 - 13:45  PARALLEL SESSIONS
Smart Regions & Communities Addressing Urban Challenges  GO  ROOM 1
Disruptive Technologies Transforming Cities  DT  ROOM 2
Urban Innovation Areas Underpinning Economic Growth  EC  ROOM 6

14:00 - 15:00  PARALLEL SESSIONS
Big Data for More Responsive and Human Cities  DT  ROOM 1
Enhancing Civic Engagement in the Digital Age  SO  ROOM 2
Implementing Flexible and Multi-modal Transport Services  MO  ROOM 3
Implementing the New Urban Agenda  GO  ROOM 4
Financial Tools to Fund Smart Cities Initiatives  EC  ROOM 5
Cities at the Front of the Climate Change Battlefield  ST  ROOM 6

15:15 - 16:15  PLENARY SESSION
Entrenching Sustainability and Resilience Principles: Shaping the Future of Cities  ST  AUDITORIUM

16:15 - 17:00  DIALOGUE SESSION
Cities Leading the World of Tomorrow  GO  SO  AUDITORIUM

17:15 - 18:15  PLENARY SESSION
Addressing Emerging Challenges of Sustainable Urban Development  ST  AUDITORIUM

18:15 - 19:00  DIALOGUE SESSION
The Future of Urban Mobility  MO  ST  AUDITORIUM

18:15 - 18:45  INSPIRATIONAL TALK
David Harvey  SO  GO  ROOM 1
**Session Program**

**Wednesday, November 16**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
</table>
| 10:00 - 10:30 | **KEYNOTE SESSION**  
Ellen MacArthur / The Fundamental Role of Cities in Catalysing Transition Towards a Circular Economy | AUDITORIUM        |
| 10:30 - 11:30 | **PLENARY SESSION**  
Towards More Inclusive, Safe and Healthy Cities | SO AUDITORIUM     |
| 11:45 - 12:45 | **PARALLEL SESSIONS**  
Innovative Ideas to Move People Around Cities  
Integration and Engagement of Women in Urban Development  
Business Ecosystems Enabling Innovation in Cities  
Open Innovation and Crowdsourcing Enabling Urban Development  
Translating IoT into Innovation and Better Services  
Housing and Open Public Spaces at the Core of Inclusive Cities | MO ROOM 1  
SO ROOM 2  
EC ROOM 3  
GO ROOM 4  
DT ROOM 5  
ST ROOM 6 |
| 13:00 - 14:00 | **PARALLEL SESSIONS**  
Harnessing the Potential of the Social & Sharing Economy  
Co-Cities Advancing Collaborative Urban Development  
Cities Moving Forward on Clean Energy  
Benchmarking City Performance: Indicators, Metrics, Standards  
Data & Technology Solutions  
Strategies to Protect Critical Infrastructure and Ensure Digital Safety | EC ROOM 1  
SO ROOM 2  
ST ROOM 3  
GO ROOM 4  
DT ROOM 5  
SA ROOM 6 |
| 14:15 - 15:15 | **ROUNDTABLE SESSION**  
Cities at the Forefront of Refugee’s Integration | GO SO AUDITORIUM  |
| 14:15 - 15:15 | **PARALLEL SESSIONS**  
Collaborative Platforms for Digital Social Innovation and Sustainability  
Shared & On-demand Mobility Services  
Intelligent Platforms to Promote Open Data and Service Management | SO ROOM 1  
MO ROOM 2  
GO ROOM 6 |
| 15:30 - 16:30 | **PARALLEL SESSIONS**  
Public-Private-People Partnerships and New Forms of Collaboration  
Scaling-up Social Innovation Through Living Labs  
ITS Managing Complex Mobility Networks  
Innovative Energy Solutions for a Carbon-Constrained World  
Finding the Balance Between Privacy and Security  
Public Sector’s Open and Agile Services | GO ROOM 1  
SO ROOM 2  
MO ROOM 3  
ST ROOM 4  
SA ROOM 5  
GO ROOM 6 |
| 16:45 - 17:15 | **KEYNOTE SESSION**  
Parag Khanna / Why We Need More Connected Cities? | KN EC GO AUDITORIUM |
| 17:15 - 18:15 | **PLENARY SESSION**  
Collaborative Partnerships to Achieve Common Urban Goals | EC AUDITORIUM     |
| 18:30         | **AWARDS CEREMONY**  
WORLD SMART CITY AWARDS & SMART PARTY | AUDITORIUM        |
Session Program
Thursday, November 17th

10:00 - 11:00 PARALLEL SESSIONS
- Making Our Cities a Safer Place to Live
- Bridging the Urban Divide: Building Cities for All
- Data Collection & Management for Efficient Urban Mobility
- Solutions to Measure City Performance and Achieve Collaborative Governance
- Open, Flexible, Scalable City Platforms
- Technology in Resilient Recovery

11:10 - 11:40 KEYNOTE SESSION
Susan Etlinger / Artificial Intelligence in the Digital City

11:40 - 12:55 PLENARY SESSION
Data for Urban and Social Transformation

13:00 - 14:00 PLENARY SESSION
Rethinking Mobility Patterns to Build More Liveable Cities

14:10 - 15:10 PARALLEL SESSIONS
- Unlocking the Potential of the Internet of People, Things and Services
- 4YFN How are Startups Innovating Cities
- Solutions for More Inclusive and Participative Cities
- Creative Cities: Unlocking the Potential of Produsage and Co-creation
- Local and Regional Cooperation Achieve a Balanced Territorial Development

15:20 - 16:20 PARALLEL SESSIONS
- Driving Innovation Through Art and Technology
- 4YFN Awards 2016 Smart City Edition - Final
- Solutions to Improve Urban Mobility and Achieve Sustainable Development
- Challenges and Opportunities in the Digital Age

16:30 - 17:00 KEYNOTE SESSION
David Bollier / The City as a Commons

17:00 - 17:45 ROUNDTABLE SESSION
A New Deal on Data: What role for Cities?

17:45 - 18:00 CLOSING SESSION
KEYNOTE

CITIES FOR CITIZENS, CITIZENS CHANGING CITIES

15/11/2016 9:30 - 10:15
ROOM  AUDITORIUM

governance, economy, society, sustainability

MODERATOR

Jerry Hultin MacArthur
Chairman and Co-Founder - Global Futures Group, LLC - New York - United States of America

SPEAKERS

Gerardo Pisarello
First Deputy Mayor - Barcelona City Council - Barcelona - Spain

Rajesh Agrawal
Deputy Mayor of London for Business - City of Government - London - United Kingdom

Jiangbo Ni
Deputy Director - General - Ministry of Housing and Urban-Rural Development - Beijing - China

Gila Gamliel
Minister - Ministry for Social Equality of Israel - Jerusalem - Israel

ELLEN MACARTHUR - THE FUNDAMENTAL ROLE OF CITIES IN CATALYSING TRANSITION TOWARDS A CIRCULAR ECONOMY

16/11/2016 10:00 - 10:30
ROOM  AUDITORIUM

business models, economy, education

INTRODUCED BY

Roy Vercoulen
Co-Founder & Co-CEO - Circular IQ - Amsterdam - Netherlands

KEYNOTE

Ellen MacArthur
Founder - Ellen MacArthur Foundation - Isle of Wight - United Kingdom

Historically cities have been engines for economic growth and political power, and hubs for innovation and change. Intensified population growth and increasing pressures on urban systems call for rethinking the linear economic model upon which cities operate today. The circular economy offers cities a systemic framework to address some of their most pressing challenges and create new opportunities for building resilient and prosperous communities.
PARAG KHANNA - WHY WE NEED MORE CONNECTED CITIES

16/11/2016 16:45 - 17:15
ROOM  AUDITORIUM

Cities are the hubs for flow flows of goods, services, people, money, data and ideas. The world has only a handful of truly connected cities, but to empower people and reduce inequality, we must invest more in connecting far more cities to the global supply chains of commerce, enhancing their ability to access the latest knowledge. This keynote pinpoints the main areas in needing more efficient urban development.

*economy, governance, infrastructure, multilevel governance*

**INTRODUCED BY**

Tom Dallessio
President, CEO +Publisher - Next City - Philadelphia - United States of America

**KEYNOTE**

Parag Khanna
- Geo-strategic advisor and best-selling author - Singapore - Singapore

---

SUSAN ETLINGER - ARTIFICIAL INTELLIGENCE IN THE DIGITAL CITY

17/11/2016 11:10 - 11:40
ROOM  AUDITORIUM

People upload and share billions of photos every day on the Internet. In this talk, industry analyst Susan Etlinger will share the latest developments in computer vision, a field based on artificial intelligence that enables us to understand the content and context of images. She will share how this technology is providing insight into our cities, environment and health, and will discuss the privacy and ethical implications of the digital world.

*big data, data privacy, data & technology, society*

**INTRODUCED BY**

Esteve Almirall
Director of Center for Innovation in Cities - ESADE Business & Law School - Barcelona - Spain

**KEYNOTE**

Susan Etlinger
Industry analyst - Altimeter Group - San Francisco - United States of America

---

*Updated: 14/11/2016*
DAVID BOLLIER - THE CITY AS A COMMONS

17/11/2016  16:30 - 17:00
ROOM  AUDITORIUM

A new type of citizen economy is emerging – the City as a Commons. This is not a tech platform or economic strategy as such, but a bold re-imagining of the city as a living social organism that invites everyone to co-create, open-source style. Through FabLabs, data sharing, platform co-operatives and many participatory systems, innovative urban commons are transforming city governance, commerce, design, social services, and everyday life.

co-creation, commons, cooperation models, economy, governance, society, participation, public services

INTRODUCED BY

Marco Berlinguer
Researcher of Internet and Commons at Institut de Govern i Politiques Publiques - Universitat Autònoma de Barcelona - Barcelona - Spain

KEYNOTE

David Bollier
Blogger at Bollier.org - Cofounder, Commons Strategies Group - Amherst - United States of America
More than ever cities are the places where global challenges in demographics, natural resources, and climate play out. Innovative models leading to collaborative dynamics across industries and communities are therefore emerging and revealing new fields of sustainable creation. Yet, accommodating to these shifts is not an easy task. How can cities meet the challenges of our time? The session will explore winning formulas to develop future cities.

co-creation, economy, governance, society, strategic planning

CHAIR
Tom Dallessio
President, CEO +Publisher - Next City - Philadelphia - United States of America

SPEAKERS
Andrew Morlet
Chief Executive - Ellen MacArthur Foundation - Cowes - United Kingdom

Federico Gutiérrez Zuluaga
Alcalde - Alcaldía de Medellín - Medellín - Colombia

Antoinette Guhl
Deputy mayor - Paris City Council - Paris - France
THE FUTURE OF URBAN MOBILITY

15/11/2016  18:15 - 19:00
ROOM  AUDITORIUM

Today 64% of all travel happens within urban environments and the total amount of urban kilometers is expected to triple by 2050. New apps, intelligent transport systems, mobility assistive robots and car-sharing platforms are shaping the extended mobility ecosystems of tomorrow. The session will explore how cities can improve urban services and exploit new technologies to facilitate mobility, save time and resources and improve citizens' life.

low carbon, mobility, mobility as a service, quality of life, self-driving, traffic management

CHAIR
Antonella Broglia
TEDx Ambassador - Consultant at Infonomia - Madrid - Spain

SPEAKERS
Luca De Meo
President - SEAT - Barcelona - Spain

Carlo Ratti
Director - MIT SENSEable City Lab - Boston - United States of America
INSPIRATIONAL TALKS

KENT LARSON - TOWARDS ENTREPRENEURIAL, HIGH-PERFORMANCE, LIVABLE CITIES

15/11/2016  12:45 - 13:15

ROOM  AUDITORIUM

Kent Larson will discuss the work of his research group to develop urban interventions that address the challenges of extreme urbanization and a rapidly changing global economy. His talk will focus on three current projects: CityScope, Persuasive Electric Vehicle (PEV) and CityHome project. He will also discuss Urban Living Lab collaborative projects in Hamburg, Andorra, and Cambridge.

INTRODUCED BY

Christopher Swope
Managing Editor - Citiscope - Washington DC - United States of America

SPEAKERS

Kent Larson
Director, City Science Initiative and Changing Places Research Group - MIT Media Lab - Boston - United States of America

DAVID HARVEY - DAVID HARVEY – RIGHT TO THE CITY

15/11/2016  18:15 - 18:45

ROOM  1

The question of what kind of city we want cannot be divorced from that of what kind of social ties, relationship to nature, lifestyles, technologies and aesthetic values we desire. The right to the city is far more than the individual liberty to access urban resources: it is a right to change ourselves by changing the city.

INTRODUCED BY

Joan Subirats
Faculty Member - Institut de Govern i Politiques Publiques - Universitat Autònoma de Barcelona - Barcelona - Spain

SPEAKERS

David Harvey
Distinguished Professor of anthropology and geography - Graduate Center of the City University of New York (CUNY) - New York - United States of America

Updated: 14/11/2016
Current urbanization trends are changing the broader context of urban development. New urban governance models should be democratic and inclusive, multi-scalar and multilevel, and conscious of the digital age, with long-term and integrated perspectives. How can new technological developments assist local authorities in crafting more accountable and participatory governance systems? How can capacity building for urban governance be accelerated?

**governance, multilevel governance, participation**

**CHAIR**

Tom Dallessio  
President, CEO +Publisher - Next City - Philadelphia - United States of America

**SPEAKERS**

Luis Carlos Cueto Álvarez de Sotomayor  
General Coordinator - Madrid City Council - Madrid - Spain

Kok Yam Tan  
Head of Smart Nation Programme Office - Prime Minister’s Office - Singapore - Singapore

Wu Dongsheng  
Vice President, Enterprise Business Group - ZTE Corporation - Beijing - China

Mitchell Kosny  
Interim Director and Professor of the School of Urban and Regional Planning - Ryerson University - Toronto - Canada

Toni Townes-Whitley  
CVP Worldwide Public Sector - Microsoft Corporation - Redmond - United States of America
Rapid urbanisation and climate change are the most complex phenomenon of this century. Our cities should persist in resources, energy and ecological balance, fully embracing the sustainability and resilience imperative arising from these challenges. To make a difference at the global level, leadership is needed to translate commitments into measurable actions, and social and technological innovation can help to make our cities future proof.

*climate change, energy, resilience, sustainability*

**CHAIR**

Mike Lake  
President & CEO - Leading Cities - Boston - United States of America

**SPEAKERS**

Aisha Bin Bishr  
Director General - Smart Dubai Office - Dubai - United Arab Emirates

Dan Lewis  
Chief of the Urban Risk Reduction Unit - UN-Habitat - Nairobi - Kenya

Oscar Pallarols  
Innovation & Product Strategy Director - Cellnex Telecom - Barcelona - Spain

Kent Larson  
Director, City Science Initiative and Changing Places Research Group - MIT Media Lab - Boston - United States of America

Carlos J. Menendez  
President Enterprise Partnerships - Mastercard - London - United Kingdom
Addressing Emerging Challenges of Sustainable Urban Development

15/11/2016 17:15 - 18:15

Room Auditorium

Urbanization is accelerating at pace, placing new, intense pressures on city resources and infrastructure. How can sustainable urban development goals be achieved? What governance structures and financing mechanisms are needed to support an effective implementation of these goals? To what extent can local fiscal systems, urban planning, and delivery of basic services and infrastructures bolster sustainable urban development?

Equity, energy, funding, gender, infrastructures, public services, resilience, sustainability

Chair

Mateu Hernández
CEO - Barcelona Global - Barcelona - Spain

Speakers

José Fortunati
Prefeito - Prefeitura Porto Alegre - Porto Alegre - Brazil

Tie Li
Chairman & Chief Economist - China Center for Urban Development (CCUD) - Beijing - China

Jeff Cassis
Senior Vice President, Head of Government Business - Philips Lighting - Eindhoven - Netherlands

Kumaresh Misra
Deputy-Secretary-General Habitat III Conference - United Nations - New York - United States of America

Bruno Hervet
Executive Vice President Smart & Resourceful Cities - Suez - Paris - France
Towards More Inclusive, Safe and Healthy Cities

16/11/2016 10:30 - 11:30

Room Auditorium

The growth of cities may offer increased opportunities, but it also presents critical challenges: housing and infrastructure shortages, urban sprawl, social exclusion, rising crime and violence, growing inequalities. What policies are needed to ensure that urbanization is being performed leaving no one behind? How can we engender urban environments that can provide wellbeing and security to their inhabitants?

digital divide, education, equity, gender, health, infrastructure, quality of life, safety, society

Chair

Boyd Cohen
Director of Research; Professor of Entrepreneurship & Sustainability - EADA Business School - Barcelona - Spain

Speakers

José Antonio Gali Fayad
Gobernador electo - Estado de Puebla - Puebla - Mexico

Brenna Berman
CIO - City of Chicago - Chicago - United States of America

Bernhard Steiger
Director of Government and Public Safety Industry Solution Sales - Huawei Enterprise Western Europe - Munich - Germany

Hakima Fasly
Vice mayer - Maire de Casablanca - Casablanca - Morocco

Rosalía Simón
Smart Cities Director - Telefónica IOT - Madrid - Spain
COLLABORATIVE PARTNERSHIPS TO ACHIEVE COMMON URBAN GOALS

16/11/2016 17:15 - 18:15
ROOM  AUDITORIUM

Complex urban problems and a better quality of urban services are no longer solvable solely by traditional governmental intervention. Collaboration and partnerships with citizenship, private sector, NGO’s, academia and other numerous stakeholders are resourceful ways of dealing with the demands of urbanization. What role can these alliances play in meeting the pressing need for new large-scale investment and refurbishing of existing systems?

cooperation models, development, economy, funding, entrepreneurship, participation, public services

CHAIR
Alice Charles
Lead, Urban Development Global Leadership Fellow - World Economic Forum - Geneva - Switzerland

SPEAKERS
Jaume Collboni Cuadrado
Deputy Mayor of Barcelona and Vice President of AMB - City Council of Barcelona - Barcelona - Spain

Mohd Irwan Serigar Abdullah
Secretary General of Ministry of Finance - Government of Malaysia - Putrajaya - Malaysia

Anil Menon
Global President, Smart+Connected Communities, Cisco - Cisco - Orlando - United States of America

Charbel Aoun
Member of the Board - Future Cities Catapult - London - United Kingdom

Juanjo Hierro
Chief Technology Officer - FIWARE Foundation - Madrid - Spain
DATA FOR URBAN AND SOCIAL TRANSFORMATION

17/11/2016 11:40 - 12:55
ROOM AUIDITORIUM

Data is said to be the new gold and it has certainly become crucial for fulfilling the vision of smart cities. But what does the data revolution mean for urban and social transformation? To what extent can the enhanced use of data by cities help improve services, inform local decision-making and engage citizens? How to balance the tensions between Open Data, and Privacy and Security? And how to leverage the opportunities for open and shared data?

big data, cyber security, digital divide, data maturity, data privacy, data & technology, internet of things, open data, real-time data, surveillance

CHAIR
Stephen Goldsmith
Professor - Harvard Kennedy School of Government - Cambridge - United States of America

SPEAKERS
Miguel Gamiño
CTO - City of New York - New York - United States of America

Martin Powell
Head of Urban Development - Siemens, Center of Competence Cities - London - United Kingdom

Andrew Collinge
Smart City Lead and Assistant Director, Intelligence and Analysis - Greater London Authority - London - United Kingdom

Sean Patrick O'Brien
DGM & Head IVE For SAP Public Services & Healthcare - SAP - Andiran - France

Iñigo Jodra
Centre of Excellence for Cities Director - Ferrovial Services - Madrid - Spain
Implementing efficient, safe and sustainable mobility patterns have become a global urban priority. How can innovations around low carbon, intelligent transport systems and better infrastructure management help meet citizen’s quality of life? In which ways can the social, economic and physical constraints of movement in cities be overcome? How can meaningful and reliable real-data generated by citizens and city infrastructure be leveraged?

**electrical vehicles, low carbon, infrastructures, intelligent transport systems, mobility, mobility as a service, public transport, quality of life, real-time data, self-driving, sustainability, traffic management**

**CHAIR**

Ayman Smadi  
Director of the Middle East and North Africa (MENA) - UITP and Center for Transport Excellence - Dubai - United Arab Emirates

**SPEAKERS**

Robert Cervero  
Professor and chair of city & regional planning - University of California, Berkeley - Lafayette - United States of America

Carlos Moreno  
The Mayor of Paris' Special Envoy for Smart Cities - City of Paris - Paris - France

Alfonso García  
Director of Technical Services - FCC - Madrid - Spain

Frans Anton Vermast  
- City of Amsterdam - Amsterdam - Netherlands

Christopher Tromans  
Head of Technology Partnership - Amazon AWS EMEAPS - Luxemburg - Luxembourg
CITIES AT THE FOREFRONT OF REFUGEES INTEGRATION

There are 21M refugees and 40M internally displaced people around the world in need of solidarity. Yet this is a small portion of the people on the move globally. How can modern urban planning and service management provide support effectively and move from an emergency mode to sustainability and inclusion? The session will explore the challenges of municipalities affected by very rapid population growth through displacement and forced migration.

*government, society, equity, resilience, public services*

**CHAIR**

Kilian Kleinschmidt
Advisor to the German Government; founder of switxboard - IPA Switxboard - Vienna - Austria

**SPEAKERS**

Thomas Fabian
Deputy mayor - City of Leipzig - Leipzig - Germany

Nesreen Barwari
Former minister of Reconstruction in Iraq and Associate Professor at the Department of Spatial Planning - University of Duhok - Duhok - Iraq

Geoffrey Hamilton
Chief of the PPP Programme - United Nations Economic Commission for Europe (UNECE) - Geneva - Switzerland
Data has become a key part of the urban infrastructure. It helps make better decisions, promote innovation, improve public services, empower citizens. But who should own it? Many technology firms aspire to turn data into a new asset class, the key ingredient of what has been called “surveillance capitalism”. But is this the only option? How can cities help ensure that such data is not locked in corporate silos, but is turned into a public good?

**Big Data, Cyber security, Data Maturity, Data & Technology, Data Privacy, Real-Time Data, Digital Divide, Policy Frameworks, Open Data, Surveillance**

**CHAIR**

Gemma Galdon Clavell  
Director - Eticas research and Consulting - Barcelona - Spain

**SPEAKERS**

Francesca Bria  
Chief Technology and Digital Innovation Officer - Barcelona City Council - Barcelona - Spain

Evgeny Morozov  
Researcher and author of the Net Delusion: The Dark Side of Internet Freedom - - - Spain
GOVERNANCE

PROACTIVE CITY DATA GOVERNANCE

15/11/2016 11:30 - 12:30

ROOM 1

Many cities around the world have woken up to the promise of data as it offers new insights and ways of delivering better services to citizens. Yet, active governance is needed to address strategic challenges and anticipate opportunities. What are the fundamental questions city governments should be asking themselves before diving into data? What are the regulatory issues to be solved so that the benefits of data analysis are maximized?

cooperation models, data maturity, digital divide, open data, performance measurement, policy frameworks

MODERADOR

Mathias Reddman
Policy and Project Officer, DG CONNECT - European Commission - Brussels - Belgium

SPEAKERS

Andrew Collinge
Smart City Lead and Assistant Director, Intelligence and Analysis - Greater London Authority - London - United Kingdom

Ruthbea Yesner Clarke
Global Director, Smart Cities - IDC - Boston - United States of America

Yukimasa Otani
Director General - Kobe City - Kobe - Japan

Eddie Copeland
Director, Innovation Lab - Nesta - London - United Kingdom

Chen-Yu Lee
Director - Taipei Smart City PMO - Taipei - Taiwan
CITIES AND REGIONS ARE THE NEW POWERHOUSES OF INNOVATION. LOCAL GOVERNMENTS HAVE A VITAL ROLE TO PLAY IN TRANSFORMING THE QUALITY OF LOCAL SERVICES AND THE ORGANIZATIONS THAT DELIVER THEM, BUT THEY CANNOT SUCCEED ALONE. TO SOLVE SMART CITIES CHALLENGES IT IS NECESSARY TO GO BEYOND URBAN POLICIES. HOW CAN REGIONS AND COMMUNITIES OPERATE IN A SMART MANNER TO ADDRESS URBAN CHALLENGES AND SERVE AN INCREASINGLY SELF-STEERING CIVIL SOCIETY?

COORDINATION MODELS, FUNDING, MULTILEVEL GOVERNANCE, PUBLIC SERVICES, POLICY FRAMEWORKS

MODERADOR
Jaime Medina Maestro
Innovation manager - AMETIC - Ametic - Madrid - Spain

SPEAKERS
Daniel Marco
Director of Smart Catalonia - Government of Catalonia - Barcelona - Spain

Pierre Maillot
Senior Technological Advisor - Bosch - San Francisco - United States of America

Giuseppe Mantero
Managing Director - Linea Comune Firenze - Firenze - Italy

Alberto Donaire Ávila
System Analyst and Project Manager - Consorcio Fernando de los Ríos - Granada - Spain

Graham Colclough
Partner - UrbanDNA - London - United Kingdom
IMPLEMENTING THE NEW URBAN AGENDA

15/11/2016 14:00 - 15:00

ROOM 4

The New Urban Agenda is the action-oriented document recently adopted in the United Nations Conference on Housing and Sustainable Urban Development, Habitat III. The Agenda rethinks the way we build, manage, and live in cities through drawing together cooperation with committed partners and urban actors at all levels of government as well as the private sector. Join the session to discuss ways of proper implementation of the New Urban Agenda.

funding, gender, policy frameworks, strategic planning

MODERADOR

Tom Dallessio
President, CEO +Publisher - Next City - Philadelphia - United States of America

SPEAKERS

Kumaresh Misra
Deputy-Secretary-General Habitat III Conference - United Nations - New York - United States of America

Costly Chanza
Director of Town Planning and Estates Services - Blantyre City Council - Blantyre - Malawi

Edgardo Bilsky
Director of Research - United Cities and Local Governments - Barcelona - Spain

Nicholas You
Director, Global Partners and Programs - Guangzhou Institute for Urban Innovation - Nairobi - Kenya

Sebastián Ordóñez Holguín
Asesor Alcaldía - Municipio del Distrito Metropolitano de Quito - Quito - Ecuador
OPEN INNOVATION AND CROWDSOURCING ENABLING URBAN DEVELOPMENT

16/11/2016 11:45 - 12:45

ROOM 4

open innovation, participation, sharing economy

MODERADOR
Esteve Almirall
Director of Center for Innovation in Cities - ESADE Business & Law School - Barcelona - Spain

SPEAKERS
Young-sook Nam
Secretary General - WeGO - Seoul - South Korea

Fiario Hernández de la Rosa
Encargado de Despacho - Secretaría de Innovación Digital y Comunicaciones - Puebla - Mexico

Catalina Aguilar Oropeza
Directora General - Consejo Ciudadano de Seguridad y Justicia - Puebla - Mexico

Chris Gourlay
Founder & CEO - Spacehive - London - United Kingdom
An important pillar in informing and crystallizing the ingredients of the smart city success over long time frames is the commitment to evaluate the quality and cost of services provided. To achieve this, cities need standardized metrics to benchmark their performance in all urban dimensions. What are the core indicators to be used? How can they help city managers assess the impact of ongoing projects to improve services and quality of life?

**data maturity, interoperability, performance measurement, policy**

**MODERADOR**

Manu Fernandez  
Founder - Ciudades a Escala Humana - Getxo - Spain

**SPEAKERS**

Jennifer Belissent  
principal analyst - Forrester Research - Levallois-Perret - France

Marek Banczyk  
CEO - Cityglobe Inc. - New York - United States of America

Marilyn Zelkowitz  
Director of Future Cities & IoT - SAP - Washington, DC - United States of America

Jean-Marc Seigneur  
Smart City Digital Management Director - University of Geneva - Carouge - Switzerland

Paul Wilson  
Smart City Trusted Advisor - TM Forum - Bristol - United Kingdom
INTELLIGENT PLATFORMS TO PROMOTE OPEN DATA AND SERVICE MANAGEMENT

16/11/2016 14:15 - 15:15
ROOM 6

Making data more accessible through open data initiatives to encourage collaboration, innovation and engagement appears to be a key trend in cities’ use of IT for improved service delivery. Yet, leveraging data from multiple sources to meet local needs and demands is not an easy task. What kind of tools are available to set out strategies that increase efficiency in service delivery to improve the quality of life for inhabitants and visitors?

Multilevel governance, open data, performance measurement, public services

MODERADOR
Katalin Gallyas
Founder & CEO - Civic Tech Amsterdam - Amsterdam - Netherlands

SPEAKERS
Concepción Gamarra Ruiz Clavijo
Alcaldesa - Logroño City Council - Logroño - Spain

Xu Liu
Vice Director - Beijing Municipal Commission of Economy and Information Technology - Beijing - China

Arvind Satyam
Managing Director, S+CC Business Development - CISCO - San Francisco - United States of America

Wesam Lootah
CEO - Smart Dubai Government - Dubai - United Arab Emirates

Kathryn Willson
Director, Microsoft CityNext - Microsoft, Worldwide Public Sector - Redmond - United States of America
The Public-Private-People Partnership is a meeting point and core of the discussion on increasing sustainability and innovation in cities together with their planning and improvement. The session will explore how to make cities inclusive, safe, resilient and sustainable by applying the Public-Private-People Partnerships and other forms of collaborations as one of the most successful mechanisms.

**Business Models, Cooperation Models, Funding, Policy Frameworks**

**Moderator**
- **Miquel Rodríguez Planas**
  Manager - PPP for Cities, Public-Private Sector Research Center IESE - Barcelona - Spain

**Speakers**
- **Isaac Martín Barbero**
  General Director - ICEX - Madrid - Spain
- **Paul Copping**
  Smart Cities Advisor - Digital Greenwich, Royal Borough of Greenwich, London - London - United Kingdom
- **Almudena Del Rosal Alonso**
  Subdirectora general de Participación Empresarial - Madrid City Council - Madrid - Spain
- **Ricardo López de Haro**
  Regional Director - Ferrovial - Madrid - Spain
- **Craig Driver**
  VP, Public Private Partnerships - Mastercard - New York - United States of America
- **Fernando Rayón**
  Business Innovation Manager - Suez Spain - Barcelona - Spain
The public sector often cannot predict many of the challenges that it will confront, so it requires the agility in its systems and structures to respond to future issues. During this session, we will talk about how to kickstart the use of widespread, open standards and principles, enabling the development of smart city applications and solutions for the public sector, by making systems interoperable within a city, between cities and citizens.

**MODERADOR**

Martin Brynskov  
Chair - Open & Agile Smart Cities - Brussels - Belgium

**SPEAKERS**

Anna-Kaisa Ikonen  
Mayor - City of Tampere - Tampere - Finland

Olavi Luotonen  
Programmer Officer - EU Policies, IoT - European Commission - Brussels - Belgium

George Burciaga  
Managing Director, Global Government Development & Innovation - CIVIQ Smartscapes - Milford - United States of America

Daniel Michel  
VP International Business Development - T-Systems International - Munich - Germany
SOLUTIONS TO MEASURE CITY PERFORMANCE AND ACHIEVE COLLABORATIVE GOVERNANCE (ELEVATOR PITCH FORMAT)

17/11/2016 10:00 - 11:00
ROOM 4

elevator pitch
MODERADOR
David Solomon
ThinkingCiti.es - Founder - Barcelona - Spain

SPEAKERS
Raquel Sánchez Jiménez
Governance Director - City of Gavà - Gavà - Spain

Jaime Ruiz Huescar
Technical Officer on ALEM - ALEM, Local Energy Agency of Murcia City Council - Murcia - Spain

Diego Camps Palacios
Director General de Proyectos de Ciudad Inteligente - Gobierno de la Ciudad de Buenos Aires - Buenos Aires - Argentina

Marcelo Arnolfo Cossar
Lawyer - Municipalidad de Córdoba - Córdoba - Argentina

Pascual Berrone
Associate Professor of Strategic Management - IESE Business School - Madrid - Spain

Colleen Hardwick
CEO - PlaceSpeak Inc. - Vancouver - Canada

Berrin Benli
Co-Founder - NOVUSENS Innovation and Entrepreneurship Institute - Ankara - Turkey

Maria Håkansson
Global Head of Industry Practices - Ericsson - Kista - Sweden
CREATIVE CITIES: UNLOCKING THE POTENTIAL OF PRODUSAGE AND CO-CREATION

17/11/2016 14:10 - 15:10
ROOM 4

Creativity has always been linked to urban life. However, in the last years this concept has taken a more visible and legitimate role in the development of cities. Nowadays, we realize creativity is a main factor for cities to be successful. In this session we will explore what is the role of creativity in cities of today, and we will discuss what are the benefits and the challenges this phenomena can bring.

cocreation,open innovation,participation,sharing economy

MODERADOR
Cristina Garrido
Consultant - anteverti - Barcelona - Spain

SPEAKERS
George Gillespie
Assistant Director of Land and Environmental Services - Glasgow City Council - Glasgow - United Kingdom

Daniele Quercia
Head of Social Dynamics - Nokia Bell Labs - Cambridge - United Kingdom

Shain Shapiro
CEO - Sound Diplomacy - London - United Kingdom

Eckhart Hertzsch
CEO - Joanes Foundation - Berlin - Germany

Peter Bjørn Larsen
Director City Data Exchange - Hitachi Insight Group - København S - Denmark
Today cities are confronted with a rapidly changing economy, where many traditional tools have become outdated and are no longer cost-effective. Yet, at the same time, they provide an ideal environment for innovation. How can cities develop innovation areas to help entrepreneurs and innovators address the most pressing urban challenges? How can they turn into incubators for living labs placing the citizen at the center of innovation?

**cooperation models, development, strategic planning**

**MODERADOR**

Josep Miquel Piqué Huerta  
Executive President - LA SALLE TECHNOVA BARCELONA - Vilassar de Mar - Spain

**SPEAKERS**

Eytan Schwartz  
CEO - Tel Aviv Global - Tel Aviv - Israel

Zhang Aiping  
Vice director - Shanghai Pudong Economy and Informatization Committee - Shanghai - China

Kiev Gama  
Professor - CESAR/CIn-UFPE - Recife - Brazil

David Belt  
Co-Founder - Macro-Sea/New Lab - New York - United States of America
Cities must find ways to grow their budgets and the resources at their disposal in order to meet the evolving needs of their growing populations. Municipal bodies are seeking new financial tools and partnerships to create solutions that were previously unavailable. This session aims at discussing the methods that are becoming legitimate tools for expanding city budgets and resources in the face of new challenges.

**Moderador**

Hila Oren  
CEO - Tel Aviv Foundation - Tel Aviv - Israel

**Speakers**

Holly Vineyard  
Deputy Assistant Secretary of Commerce for Global Markets - USA Government - Washington DC - United States of America

Ellis Juan  
Division Chief Housing and Urban Development - Inter-American Development Bank - Washington - United States of America

Andrew McIntyre  
Manager Future Cities Program - Asian Development Bank - Mandaluyong - Philippines

Maria Jose Perea Marquez  
Global Account Director - Energy Management and Industry Finance - Siemens Financial Services - Munich - Germany
Innovation is a major drive of economic growth. Cities are vital to foster it as they help the flow of ideas and facilitate knowledge spillovers. Yet, existing business models, finance and funding instruments as well as procurement schemes do not entirely fit today's challenges within cities and urban communities. This session will discuss various business models enabling to revolutionize the way cities work and engage with citizens.

_Speakers:_

**Jose Manuel Leceta**
Chairman and co-founder - Insight Foresight Institute - Madrid - Spain

**Kate Daly**
Senior Vice President - New York City Economic Development Corporation - New York - United States of America

**Miranda Sharp**
Head of Smart Practice - Ordnance Survey - Southampton - United Kingdom

**Brandon Davito**
Vice-president, smart cities & street lighting - Silver Spring Networks - San Jose - United States of America

**Toomas Türk**
ICT sector manager / Smart City cluster development manager - Tallinn Science Park Tehnopol - Tallinn - Estonia

**Tim Turitto**
General Manager, Government Industry - Microsoft Worldwide Public Sector - Redmond - United States of America
The rise of internet-led new models of consuming and accessing goods and services, often referred to as sharing or social economy, is having a significant economic impact at the global level. The sector is expected to reach global revenues of $335 billion by 2025. Yet, its evolution presents a number of opportunities and challenges. What role can the sharing economy play in resolving the city’s economic, social and environmental issues?

**cooperation models, sharing economy, startups**

**MODERADOR**

Mayo Fuster Morell  
Professor and director of Dimmons.net Collaborative economy research - IN3-UOC - Barcelona - Spain

**SPEAKERS**

Silvano Aversano  
Tècnic de Dinamització Comunitària - Smart Barris - La Fàbric@ sccl - Barcelona - Spain

Margarita Padilla  
Computer programmer - Smart Barris - Barcelona - Spain

Gracia Vara Arribas  
Expert - EIPA - Barcelona - Spain

Sten Tamkivi  
CEO - Teleport - Tallinn - Estonia

Jose Antonio Ondiviela  
Member - City Protocol Society - Madrid - Spain
SMART CITY EXPO AROUND THE WORLD

16/11/2016 18:30 - 18:45
ROOM  AUDITORIUM

SPEAKERS

Alfonso Rodríguez
Mayor - City of Calvià - Calvià - Spain

José Antonio Gali Fayad
Gobernador electo - Estado de Puebla - Puebla - Mexico

Andy Freire
Minister of Modernization and Technology - City of Buenos Aires - Buenos Aires - Argentina

Mohamed Jouahri
General Director - Casablanca Events & Animation - Casablanca - Morocco

Keiji Yamada
Governor - Kyoto Prefectural Government - Kyoto - Japan

Jerry Hultin MacArthur
Chairman and Co-Founder - Global Futures Group, LLC - New York - United States of America
Startups are pushing hard to disrupt the smart city industry with their innovations, new products and services for redesigning the life in the cities and enhancing the wellbeing of citizens. What kind of solutions are they proposing to emerging companies and smart cities? What role do they have in the current market? How are governments, transport companies or big energy corporations working with them to bring innovation to cities?

**MODERADOR**

Juan Alvarez de Lara  
Founder and CEO - Seed&Click - Barcelona - Spain

**SPEAKERS**

Liora Shechter  
CIO - Tel Aviv municipality (ISRAEL) - Tel Aviv - Israel

Niksa Vlahusic  
Professional Associate - City of Dubrovnik Development Agency - Dubrovnik - Croatia

Philipp Bouteiller  
CEO - Tegel Projekt GmbH - Berlin - Germany

Fernando Rayón  
Business Innovation Manager - Suez Spain - Barcelona - Spain
The second of the 4YFN Awards Smart City editions has been created to distinguish emerging companies that prove a high impact mobile solution to enhance the wellbeing of citizens. This final will bring to the stage the 5 best startups specialized in smart urban solutions: COMODULE, Vessla, CitizenLab, Energy Elephant, wesmartPark. They will pitch in front of the jury and the audience and become the best startup of this edition.

**MODERADOR**

Juan Alvarez de Lara  
Founder and CEO - Seed&Click - Barcelona - Spain

**SPEAKERS**

Liora Shechter  
CIO - Tel Aviv municipality (ISRAEL) - Tel Aviv - Israel

Niksa Vlahusic  
Professional Associate - City of Dubrovnik Development Agency - Dubrovnik - Croatia

Philipp Bouteiller  
CEO - Tegel Projekt GmbH - Berlin - Germany

Fernando Rayón  
Business Innovation Manager - Suez Spain - Barcelona - Spain
Good urban planning, social inclusion and other elements of well-working communities require people with knowledge and skills that are only available through quality education and cultural programs. Rethinking the way that technology can be used to improve culture-oriented urban development is an essential challenge for cities. How can city leaders spur cultural clusters catalyzing a wholesome creative economy and high level of quality of life?

education, digital divide, health, public services, quality of life education, digital divide, health, quality of life

MODERADOR

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

SPEAKERS

Israel Singer
Mayor - Ramat Gan council - Ramat Gan - Israel

Jeanne Holm
Deputy CIO and Senior Technologist - City of Los Angeles - Los Angeles - United States of America

Enrique Marumoto
Chief Innovation Officer - Municipality of Leon - Leon - Mexico

Dirk Petrat
Director General for Central Services - Ministry of Culture / Free and Hanseatic City of Hamburg - Hamburg - Germany

ChunLan Jiang
President - Hebei Digital Education Collaborative Innovation Center - Hebei - China
ENHANCING CIVIC ENGAGEMENT IN THE DIGITAL AGE

15/11/2016 14:00 - 15:00

ROOM 2

Participatory digital media, such as social networking sites and mobile devices allowing users to interact, have grown more important in recent years as a venue for civic engagement, learning and debate. Still, there is a civic empowerment gap in areas where media access is limited. How can city managers promote an active engagement of communities and encourage them to participate in civic life online to drive social change?

**digital divide,equity,participation**

**MODERADOR**

Marcos García
Director - Medialab-Prado - Madrid - Spain

**SPEAKERS**

Gala Pin Ferrando
Councillor of Participation and Districts - Barcelona City Council - Barcelona - Spain

Pablo Sarrias
CEO - OpenSeneca – Civiciti - Barcelona - Spain

Angelica Alvaray
COO - CITIVIVA - Weehawken - United States of America
INTEGRATION AND ENGAGEMENT OF WOMEN IN URBAN DEVELOPMENT

16/11/2016 11:45 - 12:45
ROOM 2

The arrival of a Fourth Industrial Revolution, characterized by a fusion of technologies, is opening new possibilities to engage women in city planning, thus breaking down the idea that considers urban development as a neutral field and adding social sensitivity to ensure urban quality of living for the future. How do a gender perspective and the use of ICT contribute to a more inclusive urban transformation and the Right to the City?

equity, gender, participation

MODERADOR
Zaida Muxí Martínez
Director of Urban Planning, Housing, Public Space, Ecology and Environment - Santa Coloma City Council - Santa Coloma de Gramenet - Spain

SPEAKERS
Edna Pasher
Founder and chair - Israel Smart Cities Institute - Tel-Aviv - Israel

Eva Fabry
Director - European Centre for Women and Technology (ECWT) - Oslo - Norway

Sri Husnaini Sofjan
Senior Program Administrator & Strategist - Huairou Commission - Women, Homes & Community - Brooklyn, New York City - United States of America

Chelsea Gauthier
Associate Director - Center for the Living City - Salt Lake City - United States of America
Collaboration with citizens to realize potential benefits deriving from practices of social innovation is an emerging challenge for many cities. How can this collaboration be promoted to enable various kinds of collective action having a significant impact on urban development? How can cities be transformed into Co-Cities, that is Collaborative Cities, contributing to a higher quality of life?

co-creation, commons, cooperation

MODERADOR

Joan Subirats
Faculty Member - Institut de Govern i Politiques Publques - Universitat Autònoma de Barcelona - Barcelona - Spain

SPEAKERS

Gregorio Planchuelo
Director of Citizen Participation - Madrid City Council - Madrid - Spain

Mahadhir Aziz
General Manager - Cyberview Sdn Bhd - Cyberjaya - Malaysia

Mara Balestrini
Research Director - Ideas for Change - Barcelona - Spain

Stefano Andreani
Research Associate - Harvard University - Graduate School of Design - Cambridge - United States of America

Matteo Kalchschmidt
Professor - University of Bergamo - Bergamo - Italy
Innovations in areas such as open data, open hardware and crowdsourcing provide new ways of using technology to involve people, their knowledge and their assets in solving social challenges. But these innovations are often disconnected from the public services where they can have the most impact. How can cities and public institutions best support and work with these innovations to collaborate with citizens to deliver truly smart public services?

**MODERADOR**

Francesca Bria  
Chief Technology and Digital Innovation Officer - Barcelona City Council - Barcelona - Spain

**SPEAKERS**

Peter Baeck  
Head of collaborative economy research - NESTA - United Kingdom

Monique Calisti  
Executive Director - Martel Innovate - Zurich - Switzerland

Tomas Diez  
Instigator - Fab City Research Laboratory - Barcelona - Spain

Mayo Fuster Morell  
Professor and director of Dimmons.net Collaborative economy research - IN3-UOC - Barcelona - Spain
SCALING-UP SOCIAL INNOVATION THROUGH LIVING LABS

16/11/2016  15:30 - 16:30
ROOM  2

How Living Labs contribute to the 21st century’s citizen science and what are the current social movements in cities? In ever-increasing turbulent world, the complexity of relationships in developing innovative services for public and private sector call for novel approaches.

**co-creation, open innovation, participation**

**MODERADOR**

Tuija Hirvikoski
President and Chair of the Council - ENOLL (European Network of Living Labs) - Vantaa - Finland

**SPEAKERS**

Stéphane Goyette
Chief Digital Officer, Smart City Office - City of Montréal, Smart and Digital City Office - Montreal - Canada

Wim De Kinderen
International Project Manager - Brainport Eindhoven EU Office - Eindhoven - Netherlands

Artur Serra
Deputy Director i2Cat Foundation; ENoLL Vice-President - ENOLL (European Network of Living Labs) - Barcelona - Spain

Mark Saunders
UK Projects Director del Centro de Competencia de Ciudades - Ferrovial Services - Birmingham - United Kingdom

Hans Schnitzer
Professor - CityLAB - Graz - Austria
BRIDGING THE URBAN DIVIDE: BUILDING CITIES FOR ALL

17/11/2016 10:00 - 11:00
ROOM 2

Cities should be places to forge a different growth paradigm that promotes rights and opportunities for all members of society. Yet, slums, sprawl, housing and infrastructure shortages, social segregation and exclusion still widen the so-called urban divide. This session will explore the steps and levers to achieve a more inclusive city, reduce the persistent disparities and improve citizens’ quality of life.

digital divide, equity, education, gender, public services

MODERADOR
Josep M. Coll
Associate Professor & Programme Director - EADA Business School - Barcelona - Spain

SPEAKERS
Jeff Merritt
Director of Innovation - City of New York - New York - United States of America

David Quirós
Deputy Mayor for Culture and Social Innovation - L'Hospitalet City Council - L'Hospitalet de Llobregat - Spain

Naresh Kumar
Chairman - New Delhi Municipal Council - New Delhi - India

Jorge Muñoz Wells
Alcalde - Municipalidad Distrital de Miraflores - Lima - Peru

Shikha Jain
Principal Project Coordinator - MMCF (Maharana of Mewar Charitable Foundation), Udaipur - GURGAON - India
Digital tools offer the promise of a re-engaged civic sphere strengthening citizen's ability to participate and self-organize to improve governance outcomes. However, there are still some barriers to overcome as many citizens currently lack trust in governing institutions and the heuristics to understand how and where to participate. This practical session will showcase a myriad of successful experiences that help meet these challenges.

**3ROOM**

**SOLUTIONS FOR MORE INCLUSIVE AND PARTICIPATIVE CITIES (ELEVATOR PITCH FORMAT)**

**ROOM 3**

17/11/2016  14:10 - 15:10

**elevator pitch**

**MODERADOR**

André Comyde  
President of the Brazilian Human Smart Cities Network, Member of the Science and Technology Council of the Presidency of Brazil, President of the Vitoria Development Company - Brazilian Human Smart Cities Network - Vitoria - Brazil

**SPEAKERS**

**Teresa Ferrer-Mico**  
STEM coordinator - St Peter's School - Barcelona - Spain

**Faustino Cuadrado Capitán**  
CEO - MASS FACTORY URBAN ACCESSIBLE MOBILITY, S.L. - Cerdanyola del Vallès - Spain

**Michael Gould**  
Professor - Universitat Jaume I - UBIK - Castellón - Spain

**Zvi Weinstein**  
Researcher & Lecturer - Israel Smart Cities Institute - Tel-Aviv - Israel

**Jarnail Chudge**  
Creative Director - Microsoft - London - United Kingdom

**Huann-Shiuh Shy**  
Advisor/Director, strategy planning group - OurCityLove Social Enterprise/ITRI - Taipei - Taiwan

**Miriam Alarcón**  
Curator and project manager - Rebobinart - Barcelona - Spain
THE FUTURE OF ARTISTIC COMMUNITIES IN THE DEMOCRATISATION OF CITIES

17/11/2016 15:20 - 16:20

ROOM 1

In the 21st Century Artists are being embedded in the most innovative organizations in the world through residency programs and transdisciplinary collaboration. In a moment when many of the innovation models for Cities are being contested, artists are specially well positioned for interfacing between government, industry and citizens. This session explores the space between artistic exploration, tech innovation and social impact in the cities.

co-creation, open innovation, society, technology

MODERADOR

José Luis De Vicente
curator specialized in digital culture, art and technology - Sónar+D - Barcelona - Spain

SPEAKERS

Ralph Dum
Scientific Officer DG Connect - European Commission - Brussels - Belgium

Peter Friess
Media Policy Directorate - Media Convergence and Social Media, DG Connect - European Commission - Brussels - Belgium

Natalie Jeremijenko
Engineer specialized in new environmental proposals for the urban fabric - Artist - Barcelona - Spain

Chris Salter
Research Chair in New Media, Technology and the Senses - Concordia University - Montréal - Canada

Pere Obrador
Open Innovation Program Manager - Telefoncia R&D - Barcelona - Spain
Natural disasters and a growing number of economic, social, and environmental shocks and stresses pose the greatest risk to rapidly-growing cities. Yet, according to a recent World Bank report, investing in resilience can save the world’s cities billions each year and keep millions out of poverty. How can municipal governments create a local policy environment effectively promoting urban development and holistically encouraging resilience?

**Moderador**

**Ramon M. Torra**
Gerent - Area Metropolitana de Barcelona - Barcelona - Spain

**Speakers**

**Norihiko Nomura**
Director General for Climate Change Policy Headquarters - City of Yokohama - Yokohama - Japan

**Magnus Qvant**
Secretary General - Resilient Regions Association - Malmö - Sweden

**Bruno Hervet**
Executive Vice President Smart & Resourceful Cities - Suez - Paris - France

**Asha Kaushik**
Senior Research Associate - Integrated Research and Action for Development (IRADe) - New Delhi - India
When properly steered, urban growth can drive wealth creation and social equity. However, in many parts of the world, urbanization has become more spatially fragmented, less environmentally responsive and more socially divisive. In short, cities have become more sprawled and less dense. How can strategic planning and planners contribute to a more sustainable urban development? What are the urban planning principles to foster smart growth?

**strategic planning, development**

**MODERADOR**

**Mike Lake**  
President & CEO - Leading Cities - Boston - United States of America

**SPEAKERS**

**Gaetan Siew**  
Chairperson - Construction Industry Development Board - Port Louis - Mauritius

**Alexei Novikov**  
President, Founder - Habidatum - New York City - United States of America

**Stefan Webb**  
Head of Projects - Future Cities Catapult - London - United Kingdom

**Susanne Seitingen**  
Global Sub-segment Manager for Open Spaces in Professional Systems - Philips Lighting - Eindhoven - Netherlands
As the world comes together with pledges aimed at stopping the planet from warming an additional 2°C, cities lead the battle at the frontline of climate action. For good reason. They consume 78% of the world’s energy and produce more than 60% of all carbon dioxide. Thus, they are part of the problem, but also a key part of the solution. What can cities do toward global climate commitments? What instruments can they use to tackle this issue?

**climate change, energy, low carbon, policy frameworks**

**MODERADOR**

Christopher Swope  
Managing Editor - Citiscope - Washington DC - United States of America

**SPEAKERS**

Cristina Miclea  
Project Manager - C40 Cities Climate Leadership Group - London - United Kingdom

Klaus Heidinger  
Head, City IT Applications - Siemens, Center of Competence Cities - London - United Kingdom

Ellen Fang Liang Hu  
Expert of eco-civilization development and research team - China City Development Academy - Beijing - China

Barbara Kreissler  
Director B2G professional lighting, Public and Government Affairs - Philips Lighting - Eindhoven - Netherlands
Urbanists have long held the view that the physical and social dynamics of public space play a central role in the formation of publics and public culture. How can open urban spaces contribute to more integrative and inclusive cities? This session will explore how new and evolving forms of housing and inclusive public space can change the perceptions and expectations of cities and provide opportunities and better living conditions for all.

**strategic planning, development, equity, public space**

**MODERADOR**

David Bravo  
Editor of publicspace.org - Centre de Cultura Contemporània de Barcelona (CCCB) -  
Barcelona - Spain

**SPEAKERS**

Eduardo Paes  
Mayor - City of Rio de Janeiro - Rio de Janeiro - Brazil

Costly Chanza  
Director of Town Planning and Estates Services - Blantyre City Council - Blantyre - Malawi

Thomas Ermacora  
Founder, Author - Machines Room & Recoded City - London - United Kingdom
Cities have a vital role in the transition to a clean energy future. Some are already taking the lead and setting ambitious renewable energy targets. There is no way around this: According to the International Energy Agency, renewables will overtake coal as the large power source in the 2030s. This session will discuss pathways to accelerate innovation and transformation across urban energy sectors.

*climate change, electrical vehicles, energy, low carbon, performance measurement*

**MODERADOR**

Alex Ivancic  
Senior Consultant - Aiguasol - Barcelona - Spain

**SPEAKERS**

Santiago Creuheras  
Director general de Eficiencia y Sustentabilidad Energética - SENER - Mexico City - Mexico

Eduard Oró Prim  
Energy Consultant - Catalonia Institute for Energy Research (IREC) - Barcelona - Spain

Miguel Ángel García-Fuentes  
Researcher - Fundacion CARTIF - Boecillo - Spain

Vera Nunes  
Project Manager - EDP Distribuição - Lisbon - Portugal
Fossil fuels, with coal a dominant player in many parts of the world, can no longer be relied upon to provide the benefits they have in the past. To take up today’s major energy and environmental challenges, cities should lead the transition to a new, low-carbon energy scenario. This session will showcase some of the most cutting-edge energy solutions to tackle this issue across different sectors in both developed and developing countries.

**climate change, electrical vehicles, energy, low carbon**

**MODERADOR**

**Eddie Bet Hazavdi**
Director of Department of Energy Conservation And Smart Cities Administration - Government of Israel - Jerusalem - Israel

**SPEAKERS**

**Claus Habfast**
Vice Chair - Metropolis of Grenoble - Grenoble - France

**Andrés Flores Montalvo**
Coordinador de Proyectos - Centro Mario Molina - Mexico D.F. - Mexico

**Bart Sloep**
Project Manager - MC Automobile (Europe) N.V. - Bovenkerkerweg - Netherlands

**Tim Pryce**
Head of Public Sector - The Carbon Trust - London - United Kingdom
TECHNOLOGY IN RESILIENT RECOVERY

Based on the New Urban Agenda launched in Habitat III, the session focuses on how the 4th industrial revolution supports urban development to bounce back after a crisis. Innovation in technology, Smart Cities, IoT, electronic devices can help the humanitarian community in identifying and scaling smart solutions and products to deliver impact on settlements recovery whilst applying the new urban agenda and promoting the sustainable development goals.

disaster risk reduction, resilience

MODERADOR

Dan Lewis  
Chief of the Urban Risk Reduction Unit - UN-Habitat - Nairobi - Kenya

SPEAKERS

Ares Gabàs  
- Barcelona City Council - Barcelona - Spain

Alfonso Govela Thomae  
Co-Founder - DigitalCivix - Mexico City - Mexico

Nicola Tollin  
Executive Director - RESURBE International Program on Urban Resilience - Barcelona - Spain

Safder Nazir  
Middle East Regional Vice President, Smart Cities & IoT - Huawei Technologies - Dubai - United Arab Emirates

Maria-Cristina Marinescu  
Senior Research Staff - Barcelona Supercomputer Center - Barcelona - Spain
LOCAL AND REGIONAL COOPERATION TO ACHIEVE A BALANCED TERRITORIAL DEVELOPMENT

17/11/2016  14:10 - 15:10  
ROOM  6

Local and regional governments have the capacity to create synergies that lead to the sustainable development of territorial management and urban policies enabling equal opportunities for citizens. How can urban leaders encourage local and regional cooperation to get a more efficient use of their potentials? The session will discuss whether the creation of coordinated institutional frameworks can advance a balanced territorial development.

cooperation models, multilevel governance, strategic planning

MODERADOR

Octavi De la Varga Mas
Executive Director - Metropolis - Barcelona - Spain

SPEAKERS

Luis Fernando Arboleda
President - Findeter - Bogota - Colombia

Mohamed Lakhlifi
President - E-Madina - Casablanca - Morocco

Mohamed Jouahri
General Director - Casablanca Events & Animation - Casablanca - Morocco
Walking and biking yield clear benefits for the cities and the people who live in them. Creating good conditions for non-motorized mobility relieves traffic congestion, reduces local air pollution and increases physical activity, among other advantages. This session will explore how cities can grow to become more sustainable and liveable through transit-oriented development.

**public space, public transport, quality of**

**MODERADOR**

Robert Stüssi  
CEO - Perform Energia - Dafundo - Portugal

**SPEAKERS**

Erion Veliaj  
Mayor - Municipality of Tirana - Tirana - Albania

Robert Cervero  
Professor and chair of city & regional planning - University of California, Berkeley - Lafayette - United States of America

Salvador Rueda  
Director - BCNecologia - Barcelona - Spain

Priya Prakash  
Founder - D4SC - Design For Social Change - London - United Kingdom

Waleed Al Saadi  
Utilities Director & Smart City Project - Lusail Real Estate Development Company (LREDC) - Lusail - Qatar
Implementing Flexible and Multi-modal Transport Services

Changing demographics, economies, emerging technologies and environmental pressures have altered traditional travel demand to more sustainable transportation modes. Cities of all sizes are now reorienting their transportation priorities toward people over cars, redefining and reallocating street space in a multi-modal system. Yet having many choices means balancing many interests. Is multi-modal transport the future of urban mobility?

Mohamed Mezghani
Deputy Secretary General - UITP Advancing Public Transport - Brussels - Belgium

Pieter Litjens
Deputy Mayor for Traffic and Transportation - City of Amsterdam - Amsterdam - Netherlands

Álvaro Nicolás
Mobility Advisor - Barcelona City Council - Barcelona - Spain

Jesús Padilla Zenteno
President - Asociación Mexicana de Transporte y Movilidad (AMTM) - Mexico D.F. - Mexico

Ian Slater
SVP, Enterprise Partnerships - Mastercard - London - United Kingdom
INNOVATIVE IDEAS TO MOVE PEOPLE AROUND CITIES

16/11/2016 11:45 - 12:45
ROOM 1

The world’s cities are facing an urgent set of challenges when it comes to ensuring a fundamental rite of urban living: getting around. Congestion is nearly unbearable in many cities and smog levels present serious public-health concerns. Will alternative means of mobility such as self-driving cars or electrical vehicles solve the mobility challenge? What are the hidden obstacles to be overcome?

**electrical vehicles, self-driving, sensors**

**MODERADOR**

Francis Pisani
Independent Journalist and Writer - Le Monde - Barcelona - Spain

**SPEAKERS**

Mercedes Vidal
Mobility Councillor - Barcelona City Council - Barcelona - Spain

Aníbal Gaviria
Visiting Scholar Berkeley and Former Mayor of Medellín - University of California, Berkeley - Medellín - Colombia

Jesús Pajares Blázquez
Machinery Department Director - FCC - Barcelona - Spain

Fabian Simmer
Digital Officer - SEAT S.A. - Barcelona - Spain
Although a relatively new trend, shared and on-demand mobility services enabling users to gain short-term access to transport on an 'as-needed' basis are contributing to the rapid transformation of traditional transportation models. How can these new services, technologies and emerging social trends affect citizens' mobility choices? What are the impacts of these choices on cities planning and development?

**mobility as a service**

**MODERADOR**

Ramon Pruneda  
CTO - AMB Informacio i Serveis - Barcelona - Spain

**SPEAKERS**

Sabine Flores  
Managing director - Kommunen in der Metropolregion Hannover Braunschweig Göttingen Wolfsburg e.V. - Hannover - Germany

Juan Ortiz Taboada  
CEO - Greater Zaragoza Transport Authority - Zaragoza - Spain

Jordi Ortuño  
- Barcelona City Council - Barcelona - Spain

Christoph Wäller  
Head Of Innovation and Alternative Mobility - SEAT S.A. - Barcelona - Spain

Carlos Mier-y-Teran  
Director of Mass Transit - Banobras - Mexico City - Mexico
ITS MANAGING COMPLEX MOBILITY NETWORKS

16/11/2016 15:30 - 16:30  
ROOM 3

The use of data and real-time technologies speeding decision-taking are key to a successful traffic management in cities. ITS offers a variety of means to manage the road and public transport network in a coordinated manner, producing faster and stronger links between the traffic management authority and individual travelers. This session aims to explore how intelligent transport systems may help cities improve mobility and citizens’ life.

intelligent transport systems, self-driving, real time data, parking, public transport, sensors, traffic management

MODERADOR
Hans Jeekel  
Professor Societal Aspects of Smart Mobility (vehicle technology, ITS, data and new mobility services) and Chair of the Board - Eindhoven University of Technology and Association for European Transport and - Eindhoven - Netherlands

SPEAKERS
Ayman Smadi  
Director of the Middle East and North Africa (MENA) - UITP and Center for Transport Excellence - Dubai - United Arab Emirates

Rayleigh Ping-Ying Chiang  
Vice-President - Kang-Ning University - Taipei - Taiwan

Bob Randsdorp  
Product Manager TomTom City - TomTom - Amsterdam - Netherlands

Enrique Dominguez  
Founder - CTO - ElParking - Barcelona - Spain

Irantzu Allende Fernandez de Eribe  
Marketing Analyst Executive of Government and Entreprise Business - ZTE - Shenzhen - China
Traffic in urban areas is at a tipping point. Congestion dampens prosperity by slowing citizens' movement and wasting their time and resources, and by obstructing municipal services such as public safety and maintenance. Yet access to real-time data powers the development of new services and products enabling to alleviate these problems and improving road safety, thereby helping cities keep moving cleanly and efficiently.

_big data, data privacy, parking, real time data, traffic management_

**MODERADOR**

Jaume Barceló  
inLab.FIB - UPC - Barcelona - Spain

**SPEAKERS**

Carlos Urriola Cuevas  
- Ministerio de Transportes y Telecomunicaciones de Chile - - Chile

Kesami Jotaki  
Executive Director, Site Utilization Department of Housing & Urban Planning Bureau - Fukuoka City Government - Fukuoka - Japan

Ralph Muehleisen  
Principal Building Scientist - Argonne National Laboratory - Lemont - United States of America

Frédéric Passaniti  
Tech Evangelist and Consultant - OpenDataSoft - Paris - France

Albert Isern  
CEO - Bismart - Barcelona - Spain
Solutions to Improve Urban Mobility and Achieve Sustainable Development (Elevator Pitch Format)

17/11/2016  15:20 - 16:20

Room 3

Addressing the challenges facing cities in the field of urban mobility is central to achieving sustainable development. The use of smart technologies while encouraging behavioural changes is giving rise to ground-breaking solutions for reducing traffic and CO2 emissions, and thereby improving the quality of life in our cities. This session presents some of the leading players in this field working on innovative solutions to these challenges.

Elevator Pitch

Moderator

Nicky Keefe
Chief Executive - ViewPoints Media - Barcelona - Spain

Speakers

Alessandro Caviasca
Founder and CEO - SIARQ Solar Innovation for Zero Emission Cities - Barcelona - Spain

Paolo Ferri
CEO and Cofounder - wecity - Modena - Italy

Angel Ros Sanchez
Automation research - ITE - Paterna - Spain

Alex Mateo
Sales & Operations Planning / Industry Manager Smart Cities - Libelium - Zaragoza - Spain

Gernot Lenz
Research Engineer - AIT Austrian Institute of Technology GmbH - Vienna - Austria

Laurent Guennoc
Data analyst - Eco-Counter - Lannion - France

Frank Van Os
Co-Founder & CEO - Smart Mile Solutions B.V. - De Meern - Netherlands

Thomas Hohenacker Malte
CEO - Cleverciti Systems GmbH - Munich - Germany

Xavier Peich
President - SmartHalo - Montreal - Canada

Oren Ezer
CEO - ElectRoad - Rosh Haain - Israel
Nothing stands still. Rapid growth of mobile internet applications, the internet of things (IoT), cloud computing and insights from big data are changing the way cities are moving ahead. Data is the new infrastructure. Yet there is a need to globalize it, break siloes and connect them. Are data standards mature enough? How can public administrations put in place an information management strategy applying to all public data?

**big data, interoperability, open data, real-time data, sensors**

**MODERADOR**

Jarmo Eskelinen  
Chief Innovation & Technology Officer - Future Cities Catapult - London - United Kingdom

**SPEAKERS**

Andrey Belozerov  
Deputy CIO - Moscow City Department for Information Technology - Moscow - Russia

Neill Young  
Smart Cities Lead - GSMA - London - United Kingdom

Juanjo Hierro  
Chief Technology Officer - FIWARE Foundation - Madrid - Spain

Jin-Hyeok Yang  
Senior Manager - KT Corp. - Seongnam City - South Korea

Vit Soupal  
Head of Big Data strategic initiative EU - Deutsche Telekom - Cologne - Germany
Known by many as the technology underpinning the Bitcoin digital currency, Blockchain is emerging as a way to let firms and institutions make transactions on a network simultaneously anonymous and secure without a central authority. A growing number of companies are experimenting with it as experts believe it may be as transformational as the internet itself. How can this disruptive technology transform cities’ services?

blockchain, co-creation, entrepreneurship, open innovation, startups

MODERADOR

John Biggs
Editor-At-Large - TechCrunch - New York - United States of America

SPEAKERS

Víctor Mulas

Tomas Diez
Instigator - Fab City Research Laboratory - Barcelona - Spain

Christian Villum
Project Manager - Danish Design Centre - Copenhagen - Denmark

David Andrés Díaz
CEO - Sharge.io - Barcelona - Spain
BIG DATA FOR MORE RESPONSIVE AND HUMAN CITIES

15/11/2016  14:00 - 15:00
ROOM 1

Big data is certainly a useful tool for thriving cities, as it offers a wide range of opportunities to better understand and manage urban life. The analysis of this data and its visualization linked with age-old lessons of community input can help city leaders break out of current paradigms to collectively address civic problems. This session will showcase fruitful experiences in coupling algorithms with human expertise to improve citizens’ life.

**big data, cloud**

**MODERADOR**

**Esteve Almirall**
Director of Center for Innovation in Cities - ESADE Business & Law School - Barcelona - Spain

**SPEAKERS**

**Josep Ma. Missé Cortina**
Secretary of State For Economoc Diversification - Government of Andorra - Government of Andorra - Andorra - Andorra

**Vadim Smakhtin**
Chief Technology Officer, Partner - Habidatum - New York (business), Moscow (origin) - United States of America

**Eduard Haiman**
Chief Design Officer, Partner - Habidatum - New York (business), Moscow (origin) - United States of America

**Jung Hoon (John) Lee**
Associate Dean/Professor of Technology & Innovation Management - Graduate School of Information, Yonsei University - Seoul - South Korea

**Barbara Fluegge**
Cross-Industry and IoT Taskforce Lead - SAP - St. Gallen - Switzerland
The Internet of Things (IoT), which enables to collect data from a nearly unlimited quantity and variety of sources, is advancing exponentially. It has the potential to reach $19 trillion of value by 2022. Yet, automating this data collection, integrating information from a wide range of sources and analyze it remains tough. How can cities make the most of this connected ecosystem to deliver better services to citizens?

**internet of things, public services, real-time data, sensors**

**MODERADOR**

Ger Baron  
Chief Technology Officer - City of Amsterdam - Amsterdam - Netherlands

**SPEAKERS**

Archana Vemulapalli  
Chief Technology Officer - Office of the Chief Technology Officer, Government of the District of Columbia - Washington DC - United States of America

Marta Continente Gonzalo  
Director of Innovation, Head Smart Cities - Àrea Metropolitana de Barcelona - Barcelona - Spain

Munish Khetrapal  
Managing Director - Solution - IOT and Smart Cities - Cisco Systems - Milpitas - United States of America

Richard Sims  
Senior Project Manager - TTP - Royston - United Kingdom

Eduardo Fernandez Giménez  
Innovation Director - Urbaser - Madrid - Spain
Big data and state-of-the-art technologies enable to gain new insight into citizen services and rethink how city solutions are structured in new smart ways. However, their use also requires a new holistic approach to public management fostering efficiency and sustainable growth. This practical session will showcase best practices and initiatives applied broadly across city departments to turn data into better decisions to improve citizens’ life.

**elevator pitch**

**MODERADOR**

Xavier Ferràs Hernandez  
Researcher - University of Vic - Manresa (Barcelona) - Spain

**SPEAKERS**

Athena Vakali  
Professor - Aristotle University - Thessaloniki - Greece

Stefan Truthaen  
CEO - hhpberlin - Berlin - Germany

Alar Vörk  
Co-founder/CEO - Cityntel - Tallinn - Estonia

Veiko Raime  
CEO - Mobi Lab - Tartu - Estonia

Hugo Zaragoza  
CEO - Websays - Barcelona - Spain

Josep Paradells  
Director - Fundació i2CAT - Barcelona - Spain

David Ruana  
CEO - BitDistrict Technologies S.L. - Barcelona - Spain

Bartolome Crespí Seguí  
Smart City projects - Smart Office Ayuntamiento de Palma / Consorcio Playa de Palma - Palma de Mallorca - Spain

Piero Pelizzaro  
Project Manager - Municipality of Milan - Milan - Italy

Gregory Cerallo  
President - Sidekick Interactive - Montreal - Canada
OPEN, FLEXIBLE, SCALABLE CITY PLATFORMS

17/11/2016 10:00 - 11:00
ROOM 5

Historically, cities have addressed their challenges in siloes, which make difficult to correlate and analyze relevant information across urban administrators. But that’s all changing. Smart cities need to simplify the management of city services through open, flexible and secure platforms making the most of the convergence of IoT and cloud computing paradigms. This session will showcase some novel solutions to tackle this issue.

cloud, open data, internet of things, interoperability

MODERADOR
Daniel Marco
Director of Smart Catalonia - Government of Catalonia - Barcelona - Spain

SPEAKERS
José Antonio Belmonte Sánchez
- - - Spain

Joe So
Chief Technology Officer, Industry solutions - Huawei Technologies - Shenzhen - China

Paolo Nesi
Chair - University of Florence, DISIT Lab, Km4City - Firenze - Italy

Carl Piva
Vice President Strategic Programs - TM Forum’s Smart City Forum - New Jersey - United States of America
UNLOCKING THE POTENTIAL OF THE INTERNET OF PEOPLE, THINGS AND SERVICES

17/11/2016 14:10 - 15:10

ROOM 1

The Future Internet will consist of billions of people, things and services having the potential to exchange data about themselves and their environment over a web-based infrastructure. Both the developed and the developing world will benefit from this highly interconnected global network. Yet it also presents new types of challenges from a security, trust and privacy perspective that will certainly impact city operating models.

cloud,internet of things,sensors

MODERADOR

Julio Navío
Vice-dean and coordinator of the Public Policy and Regulation Group - COIT - Madrid - Spain

SPEAKERS

Svetlana Grant
Director, Future IoT Networks - GSMA - London - United Kingdom

Isabel González Mieres
Head of Projects, thyssenkrupp Elevator Innovation Center - thyssenkrupp - Gijón - Spain

Ignasi Oliver González
- TMB - Barcelona - Spain

Pierre Mirlesse
Vice President Public Sector - Hewlett Packard Enterprise - EMEA - Geneva - Switzerland

Bart De Lathouwer
Director, Interoperability Program - Open Geospatial Consortium - Wayland - United States of America
Technology has always had transformative effects on the way cities are designed and operated. Today’s smartphones, the Internet of Things (IoT) and more computing capacities are collectively re-shaping the economic and social dynamics of cities. Indeed, they represent a significant opportunity to create more efficient and equitable urban environments. Yet, they also pose new challenges. How can cities respond effectively and ethically to them?

big data, cloud, cooperation models, Internet of things, open data, open innovation, public services

MODERADOR

Rosa María Martín Santiago
IT Technical Director - inlab FIB, UPC - Barcelona - Spain

SPEAKERS

Andy Freire
Minister of Modernization and Technology - City of Buenos Aires - Buenos Aires - Argentina

Paul Meyer
Deputy Mayor - City of Strasbourg - Strasbourg - France

Inge Rocker
Vice president - 3DEXPERIENCE City - Waltham - United States of America

Kunal Kumar
Commissioner - Pune Municipal Corporation - Pune - India

Frank Johannes Kresin
Research Director - Waag Society - Amsterdam - Netherlands
SAFETY

STRATEGIES TO PROTECT CRITICAL INFRASTRUCTURE AND ENSURE DIGITAL SAFETY

16/11/2016 13:00 - 14:00

ROOM 6

In a data-driven world, city planners are increasingly considering cybersecurity a key focus in their critical infrastructure. Today's hackers can strike from anywhere. Thus it is crucial to protect infrastructures and beef up defenses. Managers may also consider how to recover from a situation where systems are compromised. How can cities develop a robust strategy for protecting all that the new connectedness offers to ensure digital safety?

cybersecurity, infrastructures, public services, resilience

MODERADOR

Alfredo Pironti
- IOActive Labs - Madrid - Spain

SPEAKERS

Joe Paiva
Chief Information Officer en el International Trade Administration, US Army - USA Government - Washington DC - United States of America

Bernard Ewah
Head of e-government - National Information Technology Development Agency of Nigeria - Abuja - Nigeria

Swadheen Kshatriya
Chief Secretary - Maharashtra State - India
As cities wire up with more smart sensors to measure everything from flood water to human traffic, security efforts have to overcome various challenges to protect the critical infrastructure. Yet collecting, correlating and acting upon mountains of digital data can be considered an unjustified invasion of privacy undermining civil liberties. How can governments enjoy the benefits of Big Data while respecting privacy and security?

**cybersecurity, data privacy, surveillance**

**MODERADOR**

Cesar Cerrudo  
CTO - IOActive - Parana - Argentina

**SPEAKERS**

Eduardo Bohórquez  
General Director - Transparencia Mexicana - Mexico City - Mexico

Anne Sandelin  
Director, Urban Development Projects - City of Jyväskylä - Jyväskylä - Finland

Victoria Beltran  
researcher - University of Murcia - Murcia - Spain

Mohamad Amin Hasbini  
Senior Security Researcher - Kaspersky Lab - Dubai - United Arab Emirates
MAKING OUR CITIES A SAFER PLACE TO LIVE

17/11/2016 10:00 - 11:00
ROOM 1

Insecurity has moved from being a social issue to being a serious development constraint as it discourages local investment and prevents the participation of people in active life, while restricting their access to services. Governments should take the lead in building safer communities. Yet, how can they ensure that investments and activities are delivered in close consultation with citizens and relevant stakeholders?

cloud, cybersecurity, infrastructure, resilience

MODERADOR

Gemma Galdon Clavell
Director - Eticas research and Consulting - Barcelona - Spain

SPEAKERS

Cesar Cerrudo
CTO - IOActive - Parana - Argentina

Samir Saini
Commissioner & CIO - City of Atlanta - Atlanta - United States of America

Javier Concha
Cloud & IoT Business Director - NEC EMEA Cloud Convergence BU - Madrid - Spain