

# PRELIMINARY PROGRAM 2014



# CHANGE THE WORLD

Join the Smart Community  
[www.smartcityexpo.com](http://www.smartcityexpo.com)

#smartcityexpo    



## SMART CITY EXPO WORLD CONGRESS

**Changing Mindsets** Smart Cities are as much about the **new urban technologies** that help manage cities more efficiently as about changing people's and institutions' frameworks and the processes that make cities work better. **Smart City Expo World Congress (SCEWC)** aims to define what smart cities are, what their challenges include and investigate which solutions and responses are most relevant while always keeping society and the public at the center of the debate.

**Smart cities start here** The **Smart City Expo World Congress** is an event that has become the industry leader in smart cities. Its position as the benchmark in its sector gives it enormous convening power. SCEWC 2013 gathered in Barcelona more than **9,000 visitors, 160 companies, 300 cities represented and 3,055 delegates** from countries around the world. The World Congress will introduce, debate, and share pioneering ideas and approaches from the most highlighted speakers. The SCEWC is a meeting point for companies, government, entrepreneurs and research centers to show, learn, share, network and gather inspiration to support the development of the cities of the future.

**Congress** The congress program of the **SCEWC is composed of 5 keynotes, 6 plenary sessions and 42 breakout sessions.** Our keynotes are top leaders from either the academic research world or authors with the most interesting inside views on how the world has developed and how the future will unfold for smart cities. Plenary Sessions are discussion panels focusing on long term policies and strategic analysis and visions, and parallel sessions are structured generally as presentations panels, and they have a more specific focus on projects, solutions or case studies.



**Where cities meet cities** The **SCEWC** is the meeting point for cities around the world. Cities come together to tackle the challenges and share visions and solutions towards becoming a more livable and sustainable. Cities participate in the **Exhibition Area** by showcasing their projects and promoting their local companies with solutions ready to be implemented.

**Where companies make business** The **SCEWC** is the best marketplace for companies to make business: join leaders, experts and major market decision-makers; showcase your products, technologies and solutions; interact and enhance your visibility; find the tools and activities you need to succeed; share knowledge and find new partnership opportunities.

**Smart City Plaza Real-time, real-world solutions** - 2,000 m<sup>2</sup> to display and experience the new products that are spearheading change.



## DRIVERS

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



### SMART SOCIETY

Empower, engage, apps, citizen services, social innovation, apps for society, social well-being.



### ENERGY

Green, choice, efficiency, climate change, storage and energy infrastructure, zero carbon.



### TECHNOLOGY

Integration, connect, data, services integration, Internet of things, cloud, apps.



### MOBILITY

Share, integrate, decarbonize, intelligent transport systems, public transportation.



### GOVERNANCE

Open, collaborate, development, entrepreneurship.



### SUSTAINABLE CITY

Resilience, regenerate, transform, water & waste management, security.

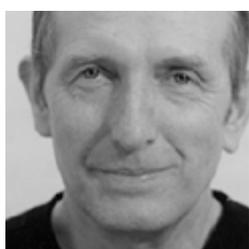


## KEYNOTE SPEAKERS



### Alex Steffen

Sustainability, social innovation and planetary futurism world leader and strategic consultant, was **Co-Founder & Executive Editor of Worldchanging.com, USA**



### Vaclav Smil

Energy, Environment & Technology expert, **Bill Gates energy expert of reference**, American Association for the Advancement of Science Award, University of Manitoba, **Canada**



### Parag Khana

**World's Leading Geo-Strategist**, was foreign policy advisor to President Barack Obama, Co-director of Hybrid Reality Institute, **Singapore**



### Kengo Kuma

**World recognized architect**, has won many international awards on design and architecture, **Japan**



### Deyan Sudjic

**Director of the Design Museum** London, author of the "100-Mile City", and co-author of "The Endless City". Founded Blueprint magazine and was the editor of Domus magazine, **UK**



## SOME OF OUR 2014 HIGHLIGHTED SPEAKERS



**Reinhold Achatz**  
Head of the Corporate  
Function Technology,  
Innovation and  
Sustainability.  
ThyssenKrupp AG.  
Cologne, Germany.



**Michael Berkowitz**  
President at 100  
Resilient Cities,  
The Rockefeller  
Foundation.



**Muammar Khaled  
Al Katheeri**  
Executive Vice  
President Engineering  
Management,  
Dubai Silicon Oasis  
Authority,  
Dubai, UAE.



**Rob Bernard**  
Chief Environmental and  
Cities Strategist, Microsoft  
Corporation, USA.



**Kia Andreasson**  
Chair of the Climate  
and Environment  
Committee & Chair  
of Göteborg Energi,  
City of Gothenburg,  
Gothenburg, Sweden.



**Dave Carter**  
Honorary Research  
Fellow.  
Centre for Urban Policy  
Studies (CUPS)  
at the University  
of Manchester,  
Manchester, UK.



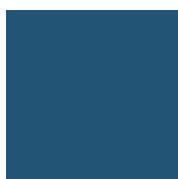
**Charbel Aoun**  
President, Smart Cities  
Segment,  
Schneider Electric,  
London, UK.



**Ryan Chin**  
Managing Director &  
Research Scientist,  
City Science Initiative,  
MIT Media Lab,  
Cambridge, USA.



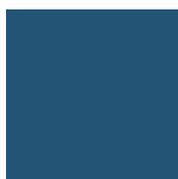
**Nir Barkat**  
Mayor, City of Jerusalem,  
Israel.



**Albert Cuatrecasas**  
Regional Business  
Manager. Abertis Telecom.  
Spain.



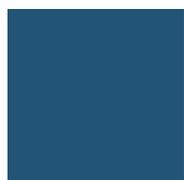
**Ger Baron**  
Chief Technology  
Officer,  
City of Amsterdam,  
Amsterdam,  
The Netherlands.



**Richard De Cani**  
Director – Transport  
Strategy & Planning.  
Transport for London.  
United Kingdom.



## SOME OF OUR 2014 HIGHLIGHTED SPEAKERS



### **Lean Doody**

Associate Director of Consulting, Arup, London, UK.



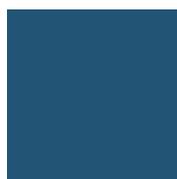
### **Anibal Gaviria**

Mayor, City of Medellín, Colombia.



### **Jerry Engel**

Director, Berkeley Research Group, Emeryville, USA.



### **Alicia Glen**

Deputy Mayor, City of New York, USA.



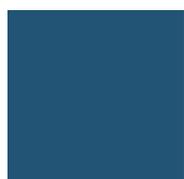
### **Jarmo Eskelinen**

CEO, Forum Virium, Helsinki, Finland.



### **Stephen Goldsmith**

Director, Innovations in American Government program and Data-Smart city solutions. Harvard Kennedy School of Government, USA.



### **Vladimiro Feliz**

Former Deputy Mayor and Head of Smart Cities Programs Manager, City of Porto, Portugal.



### **Gabriella Gómez-Mont**

Chief Creativity Officer, Laboratorio para la Ciudad, Mexico.



### **Alain Flausch**

Secretary-General UITP, Brussels Association, Belgium.



### **James Goodman**

Director of Futures, Forum for the Future, United Kingdom.



### **Samuel Furfari**

Professor of Energy geopolitics, Free University of Brussels, Brussels, Belgium.



### **Dan Hill**

Executive Director, Futures and Best Practices, Future Cities Catapult, United Kingdom.



### **Christian Gaebler**

State Secretary for Traffic and Environment, City of Berlin, Germany.



### **Didier Houssin**

Director for the Sustainable Energy Policy and Technology Office, International Energy Agency, France.



## SOME OF OUR 2014 HIGHLIGHTED SPEAKERS



**Iemke Idsingh**  
Public Sector Solutions.  
Director Oracle.  
The Netherlands.



**Morten Kabell**  
Technical and  
Environmental Mayor,  
City of Copenhagen,  
Denmark.



**Toshimasa Ikura**  
Senior Manager.  
Nippon Telegraph  
and Telephone West  
Corporation. Japan.



**Kyle Kimball**  
President of New  
York City. Economic  
Development  
Corporation. USA.



**Dian Tri Irawaty**  
Researcher and  
program manager.  
Rujak Center for Urban  
Studies. Indonesia.



**Peter Bjørn Larsen**  
Smart City Business  
Development Manager.  
CCC, Copenhagen  
Cleantech Cluster.  
Denmark.



**Juan Karlos Izagirre**  
Mayor. City of Donostia.  
Spain.



**Dan Lewis**  
Chief, Disaster and  
Post-Conflict Section.  
UN Habitat. Kenya.



**Ellis J. Juan**  
General Coordinator  
Emerging and  
Sustainable Cities  
Initiative & Vice  
Presidency of Sectors  
and Knowledge. Inter-  
American Development  
Bank. USA.



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



**Mark Kleinman**  
Director of the  
Economic and Business  
Policy Unit. Greater  
London Authority.  
United Kingdom.



**Andrew S. Lynn**  
Director, Planning &  
Regional Development.  
The Port Authority of  
New York & New Jersey.  
USA.



**Samuel Mabala-Shbuta**  
Commissioner for urban  
development. Ministry  
of lands, housing and  
urban development of  
Uganda. Uganda.



## SOME OF OUR 2014 HIGHLIGHTED SPEAKERS



### **Rui Moreira**

Mayor. City of Porto.  
Portugal.



### **See-Kiong Ng**

Programme Director.  
Institute for Infocomm  
Research. Singapore.



### **Eduardo Navarro de Carvalho**

Chief Commercial Digital  
Officer, Telefonica , Madrid,  
Spain.



### **Victoria Okoye**

Senior Communications  
Specialist. USAID/  
West Africa's Trade  
Hub & African Partners  
Network. Ghana.



### **John Nelson**

Transport Studies Chair.  
University of Aberdeen.  
United Kingdom.



### **Claudio Orrego**

Intendente Mayor. City of  
Santiago de Chile.  
Chile.



### **Margaret Newman**

Executive Director. The  
Municipal Art Society of  
New York. USA.



### **Enrique Peñalosa**

Former Mayor. City of  
Bogota. Colombia.



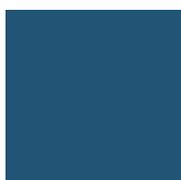
### **Norihiko Nomura**

Executive Director,  
Climate Change Policy  
Headquarters, City of  
Yokohama, Japan.



### **Jorge Pérez Jaramillo**

Planning Director. City  
of Medellín. Colombia.



### **Alexei Novikov**

Co-founder, Habidatum,  
Moscow, Russia.



### **Dirk Pesch**

Nimbus Centre for  
Embeded Systems  
Research Head. Cork  
Institute of Technology,  
Ireland.



### **Sean O'Brien**

Global VP: Urban  
Matters & Public  
Security. SAP. France.



### **Tim Pryce**

Head of Public Sector.  
The Carbon Trust.  
United Kingdom.



## SOME OF OUR 2014 HIGHLIGHTED SPEAKERS



### **Peter Quek Ser Hwee**

Chief Information Officer, Information Systems & Geospatial. Urban Redevelopment Authority. Singapore.



### **Cristina Tajani**

Deputy Major for Economic Development Labor, Research, Innovation and Smart Cities. Municipality of Milan. Italy.



### **Henriette Reker**

Deputy Mayor and Head of the Department for Social Affairs, Integration and Environment. City of Cologne. Germany.



### **Xavier Trias**

Mayor. City of Barcelona. Spain.



### **Susan Riley**

Deputy Lord Mayor. City of Melbourne. Australia.



### **Andreas Trisko**

Head of the Urban Planning and Transport Planning department, City of Vienna, Austria.



### **Tri Rismaharini**

Mayor. City of Surabaya. Indonesia.



### **Rob Van Gijzel**

Mayor - Municipality of Eindhoven, Eindhoven, The Netherlands.



### **Donald Sadoway**

John F. Elliott Professor of Materials Chemistry. Massachusetts Institute of Technology. USA.



### **Joost Van Keulen**

Vice-Mayor & innovation, economic and international affairs representative. Groningen Municipal Council. The Netherlands.



### **Amr Salem**

Managing Director, Smart Cities, Internet of Things, Cisco, Dubai, UAE.



### **Johnny Wong**

Group Director for Housing & Development Board, Building Research Institute, Singapore.



### **Sylvie Spalmacin-Roma**

Vice President, Smarter Cities, Europe. IBM. France.



### **Thomas Wright**

Executive Director. Regional Plan Association. USA.



## SMART SOCIETY

Cities must foster creativity, innovation, economic development and collaboration. They must be an inclusive project for all citizens, bringing them to the center of decision-making in order to make urban and social development more democratic. Cities must be reinvented and transformed so that they become more sustainable, and improve quality of life and economic performance. This should be a shared vision and the way forward for citizens, public and private organizations and multi-stakeholders.

Information and inclusion are key assets for the future development of cities. Smartness is how cities take decisions, how cities use their resources, how inclusive and collaborative cities are and if there is technology there, it enables this and makes it better. Smartness is technology enabled but it is not technology driven or technology itself.

## Plenary Session

### SS PL IC technologies for social development

#### Sessions

**SS 01 Civic engagement in urban development**

**SS 02 Urban labs building better cities 1**

**SS 03 Citizens at the center of city planning**

**SS 04 Fostering social development**

**SS 05 Urban labs building better cities 2**

**SS 06 Participation and the role of Green and Open Space in Cities**

**SS 07 Tools and indicators for understanding cities**

**SS HA Habitat III: engagement towards a new urban agenda**

**SS LT Solutions for citizen's engagement & participation**



## TECHNOLOGY

We live in the age of information and communication technology. From the outset, cities are a technological system. A city without technology it is not a city. Today's "smartness" takes a step forward, including information technology, and making information as essential as roads, water or energy supply. This technological revolution is an opportunity of real change in how cities are operated and therefore a possible way forward for economic and social development. How should this new layer of "smartness" be added to the existing reality of cities? What are the management improvements that can be expected? What will the cost be? Why should cities be willing to become "smart"? How would this impact developing cities? What implications does it have in terms of its physical infrastructure? Should cities aim for a common technological vision from all city stakeholders and a shared technological infrastructure? Real time data will become a new urban service like water or electricity and the correct usage of technology has to provide the necessary tools for the cities to be more organized, sustainable, inclusive, innovative and economically successful.

### Plenary Session

#### TE PL Integrating data as an urban service

#### Sessions

**TE 01** New developments on the internet of things

**TE 02** Gathering and analyzing urban data

**TE 03** Big data management

**TE 04** City to city collaboration: sharing knowledge, code and standards

**TE 05** Integrating ICT with urban services infrastructures

**TE 06** Developing ICT based city initiatives

**TE 07** Technologies for resilient cities

**TE CP** City Protocol: sensing & seeing a city's anatomy

**TE LT** Solutions connecting urban & data

**TE TBC** To be confirmed



## GOVERNANCE

When thinking about cities' governance and technology, technology should not be the objective, but the enabler. Many challenges for improving life in cities lie within the political domain. Citizens are becoming more demanding while city resources are diminishing.

To tackle this challenge, one of the key strategies is collaboration and partnership with citizenship, the private sector, NGOs, academia and other numerous stakeholders. Together they should find ways to build meaningful solutions for people and improve their real lives. Technology has to play a key role in achieving sustainable cities, economic growth, jobs and new forms of public private collaborations in order to provide better services to citizens.

Fostering innovation needs a new regulatory framework, and new financial models that allow a better combination of social, economic and environmental values; worldwide standards through which cities can be assessed and exchange experiences and developments; and open data schemes for the development of external networks of entrepreneurs and innovations. Governance, with the help of technology, will make cities smart.

### Plenary Session

#### **GO PL The challenge of open governance and innovation**

##### **Sessions**

**GO 01 Improving city management to improve service provision**

**GO 02 Partnership for urban development**

**GO 03 External Networks to foster innovation within cities**

**GO 04 Relaunching economically our cities**

**GO 05 Open Data Initiatives**

**GO 06 Innovative urban development strategies**

**GO 07 Public private partnerships for smart cities**

**GO PP Innovating public procurement and public-private collaborations**

**GO CM Growing the Cities Market through enabling common solutions**

**GO LT Solutions for better governance**



## ENERGY

The landscape for the energy sector is changing. Some of the concepts defining the future of energy are technology, flexibility, resilience, climate adaptation, financial model innovation, empowerment of people and business, and local level development. Energy companies are reinventing themselves from energy suppliers to service suppliers. They are concerned about environmental matters, clean energy technologies and resource scarcity issues.

Consumers are in a demanding shift, asking for a new energy model, environmentally and economically sustainable, making better use of local scale and renewable resources, while having a global focus and a strong partnership between governments and companies.

The marketplace for wind or solar energy is shifting and reaching the mainstream. Every industry is regulatory and subsidy dependent. Clean energy in short will be able to deliver to local stable energy and subsidies will decline over time as many of the renewables are able to be paid by themselves.

## Plenary Session

### EN PL Making renewables part of the energy mix

#### Sessions

#### EN 01 Rethinking cities to improve energy sustainability

#### EN 02 Large scale integration of renewable energies and energy efficiency in cities

#### EN 03 Smart energy for our cities

#### EN 04 Reinventing the energy market

#### EN 05 Electrifying urban mobility



## MOBILITY

Climate change and the scarcity of oil resources are two of the main challenges confronting society nowadays. The current mobility patterns are still very much linked to both of them. Transportation is one of the main sources of CO2 emissions worldwide. Space wise, cars also put a challenge in the urban context, as cities have limited availability of public space to sort out everyone's mobility needs.

With this context, there is an urgent need to shift mobility towards electric, to make better use of all means of transportation, to integrate them, moving forward in the share of resources: vehicles, data, and infrastructures. New data driven technologies are helping to improve all means of transportation, with new solutions for reducing or avoiding congestion, improving parking management, integrating the different means of transport, public and private, individual and collective.

How can cities push further the integration of a complex supply side transport infrastructure? How can education play a more active role in promoting a rational use of transport means? How can cities find better ways to finance and operate transport infrastructures?

### Plenary Session

#### MO PL Changing mindsets towards sustainable mobility

#### Sessions

**MO 01 Integrating all means of urban transportation**

**MO 02 Urban mobility infrastructures**

**MO 03 Sustainable urban mobility policies**

**MO 04 ITS for urban mobility**

**MO 05 Self driving cooperative urban vehicles**

**MO 06 Apps to smooth driving in cities**



## SUSTAINABLE CITIES

World population growth is taking place in cities which makes urban planning a key tool for sustainable development. We need innovative ways to improve cities and to solve issues concerning cities and their citizens, considering a holistic approach. Cities need to integrate geographical planning with architecture, information, communication, technology and networking in long term plans. Cities need to provide better services to citizens by integrating into the equation issues related to quality of life such as waste, energy, equality, sustainable transportation, and technology, among others.

The future of urbanization is dependant on not repeating the mistakes that have been made in the urbanization of existing developed cities. For instance, they need far more innovative and sustainable strategies connected to public transportation, density, traffic, employment, education, heritage, entertainment, diversity, and affordability of housing. Cities need significant investments, and therefore it is necessary to put in place an appropriate legal framework that includes external costs.

### Plenary Session

#### SC PL Planning challenges for resilient and equitable cities

##### Sessions

**SC 01 Planning cities for urban growth**

**SC 02 Planning sustainable cities**

**SC 03 Challenges for future cities**

**SC 04 Liveable equitable cities**

**SC 05 Strategy matters for city development**

**SC 06 Dimensions of urban resilience**

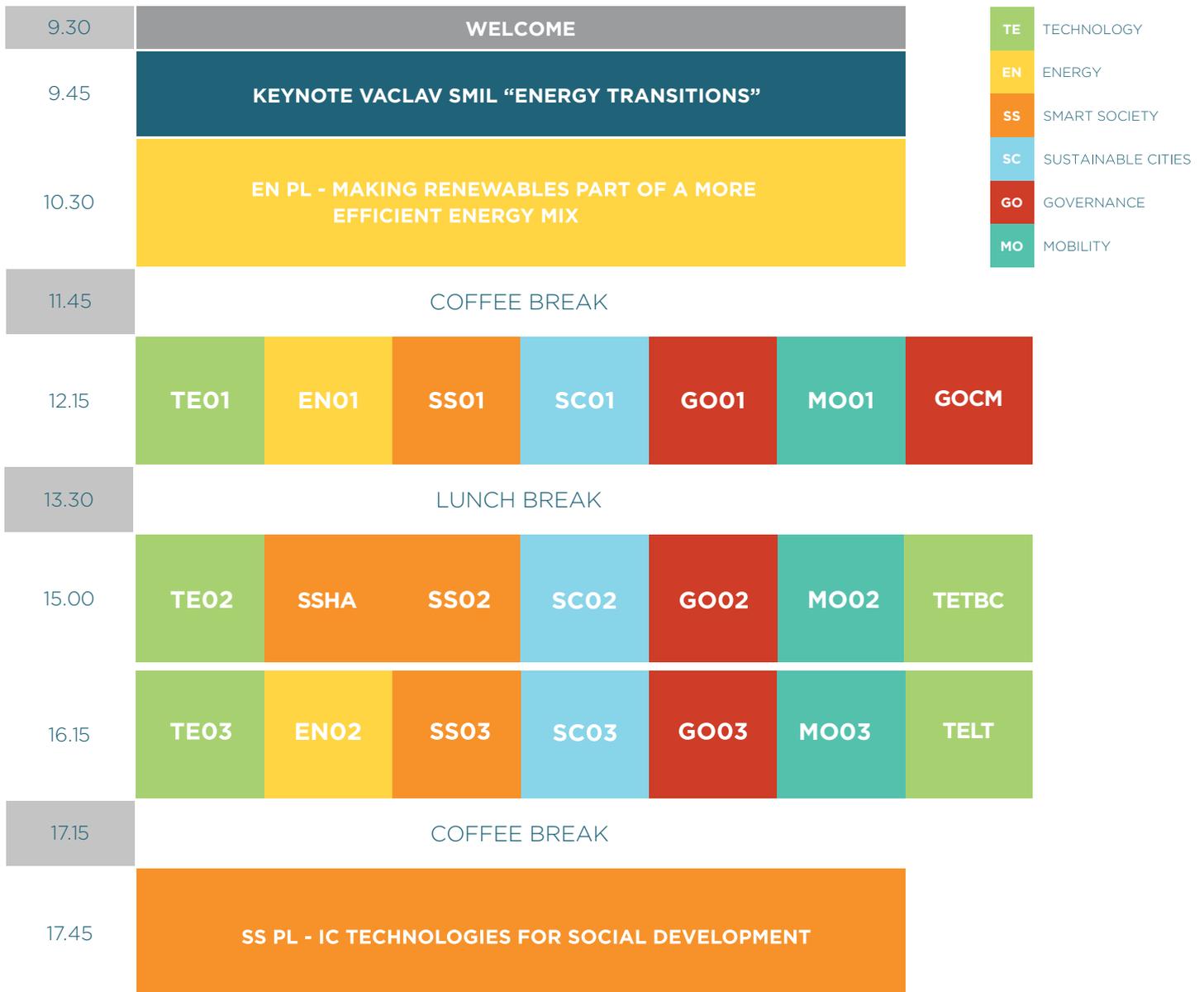
**SC 07 Urban environmental technology**

**SC MU Mix use strategies for future cities**

**SC LT Solutions for sustainable cities**



**TUESDAY, NOVEMBER 18th**



- TE TECHNOLOGY
- EN ENERGY
- SS SMART SOCIETY
- SC SUSTAINABLE CITIES
- GO GOVERNANCE
- MO MOBILITY

**Plenary Session**

**EN PL** - Making renewables part of the energy mix

**SS PL** - IC technologies for social development

**Parallel Sessions**

**EN 01** - Rethinking cities to improve energy sustainability

**EN 02** - Large scale integration of renewable energies and energy efficiency in cities

**SS 01** - Civic engagement in urban development

**SS 02** - Urban labs building better cities 1

**SS 03** - Citizens at the center of city planning

**SS HA** - Habitat III: engagement towards a new urban agenda

**TE 01** - New developments on the internet of things

**TE 02** - Gathering and analyzing urban data

**TE 03** - Big data management

**TE LT** - Solutions connecting urban & data

**TE TBC** - To be confirmed

**GO 01** - Improving city management to improve service provision

**GO 02** - Partnership for urban development

**GO 03** - External Networks to foster innovation within cities

**GO CM** - Growing the Cities Market through enabling common solutions

**MO 01** - Integrating all means of urban transportation

**MO 02** - Urban mobility infrastructures

**MO 03** - Sustainable urban mobility policies

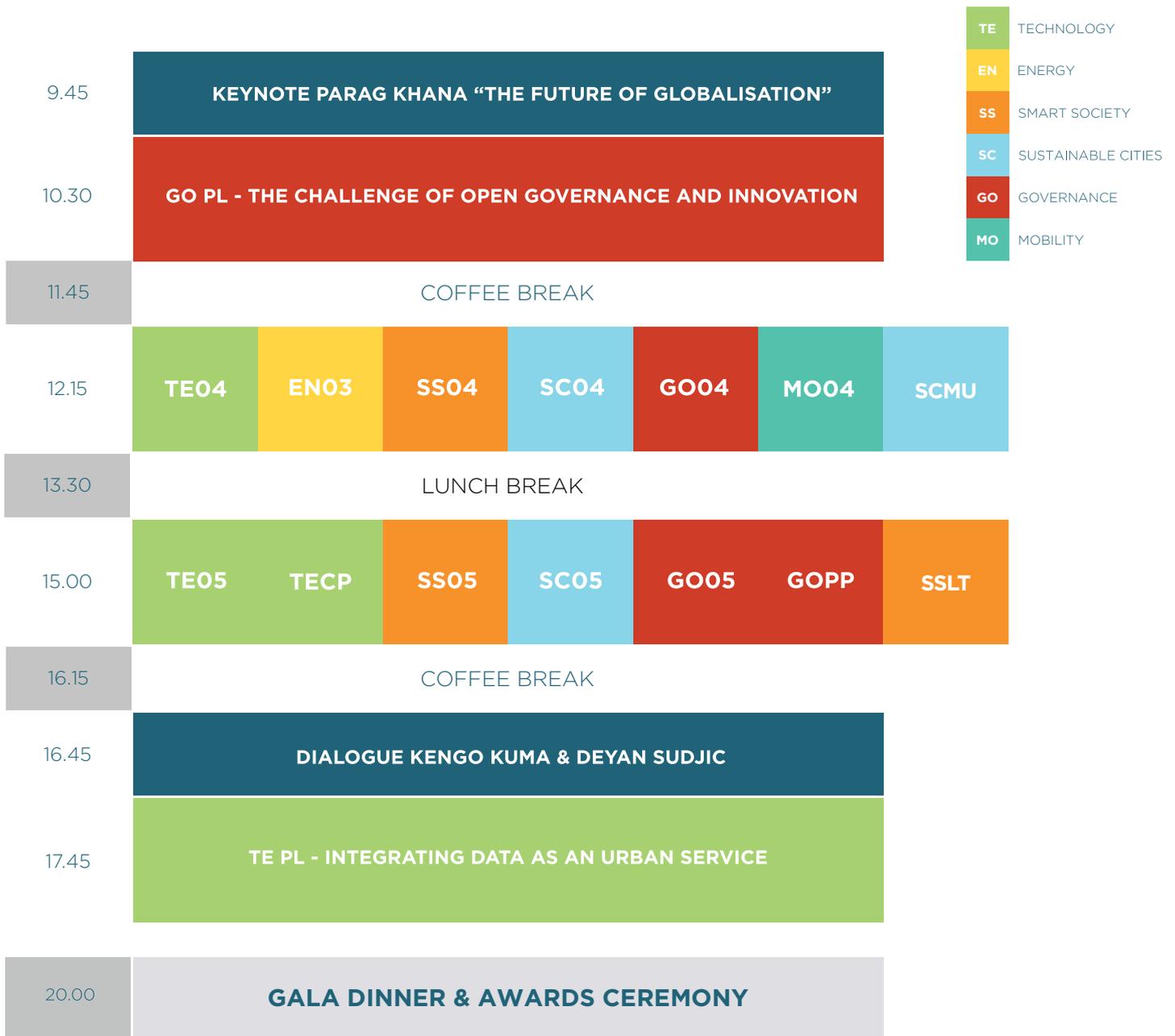
**SC 01** - Planning cities for urban growth

**SC 02** - Planning sustainable cities

**SC 03** - Challenges for future cities



**WEDNESDAY, NOVEMBER 19th**



**Plenary Session**

**GO PL** - The challenge of open governance and innovation

**TE PL** - Integrating data as an urban service

**Parallel Sessions**

**GO 04** - Relaunching economically our cities

**GO 05** - Open Data Initiatives

**GO PP** - Innovating public procurement and public-private collaborations

**SS 04** - Fostering social development

**SS 05** - Urban labs building better cities 2

**SS LT** - Solutions for citizen's engagement & participation

**TE 04** - City to city collaboration: sharing knowledge, code and standards

**TE 05** - Integrating ICT with urban services infrastructures

**TE CP** - City Protocol: sensing & seeing a city's anatomy

**EN 03** - Smart energy for our cities

**MO 04** - ITS for urban mobility

**SC 04** - Liveable equitable cities

**SC 05** - Strategy matters for city development

**SC MU** - Mix use strategies for future cities



**THURSDAY, NOVEMBER 20th**

- TE TECHNOLOGY
- EN ENERGY
- SS SMART SOCIETY
- SC SUSTAINABLE CITIES
- GO GOVERNANCE
- MO MOBILITY



**Plenary Session**

**MO PL** - Changing mindsets towards sustainable mobility

**SC PL** - Planning challenges for resilient and equitable cities

**Parallel Sessions**

**MO 05** - Self driving cooperative urban vehicles

**MO 06** - Apps to smooth driving in cities

**SS 06** - Participation and the role of Green and Open Space in Cities

**SS 07** - Tools and indicators for understanding cities

**TE 06** - Developing ICT based city initiatives

**TE 07** - Technologies for resilient cities

**GO 06** - Innovative urban development strategies

**GO 07** - Public private partnerships for smart cities

**GO LT** - Solutions for better governance

**EN 04** - Reinventing the energy market

**EN 05** - Electrifying urban mobility

**SC 06** - Dimensions of urban resilience

**SC 07** - Urban environmental technology

**SC LT** - Solutions for sustainable cities



## CITISENSE



THE WORLD BANK

As part of the **Smart City Expo World Congress**, the **World Bank** is organizing **CitiSense 2014 Conference** on November 16th and 17th, 2014 in Barcelona. CitiSense 2014 is focused on open innovation with specific stress on developing practical solutions based on smart technologies. The first CitiSense 2013 was organized with the goal of promoting “Innovation from within” at the eve of the Smart City Expo World Congress in 2013. This second edition will promote the ‘how to’ implement innovative approaches for urban management.

The objectives of **CitiSense** are to: (i) allow cities to connect and learn from each others’ experiences and global expertise; (ii) support peer-to-peer learning among various city stakeholders to promote the concept of cities’ transformation into hubs for innovation and prosperity; (iii) boost co- creative efforts to empower citizens; and (iv) leverage new and existing technological platforms to improve service delivery and urban management.

### TOPICS for 2014

- **Makers for Productive Cities**
- **Internet of Everything / Internet of Things**
- **Institutional arrangements for innovation at the city level**
- **Regulation and incentives for innovation, including procurement for innovation**
- **Open data for Open Cities**
- **Funding open innovation for cities: from informal crowd-funding to incubating**



## CITY INNOVATION SUMMIT



In the **City Innovation Summit** the city will be analyzed as scenario of innovation in all its dimensions: how do the main city players relate to the ecosystem of citizens, government, businesses, and knowledge institutions and what is the performance of this interaction; the city as a talent hub, which allows new unexpected relationships to arise increasing the innovation potential; and the city itself, as a laboratory of planning, architecture, urban history, mobility infrastructures and connectivity to innovation.

The **City Innovation Summit** is where all perspectives of innovation converge: the **Social** and civic perspective, with experiences of social innovation and citizen's laboratories; the **Urban** dimension, with the city as an innovation platform; the **Government** and administration, looking at innovation within their bodies; and the **Economic** perspective, with the city leveraging openness and innovative companies.

The **City Innovation Summit** is a meeting space for experiences, concepts and tools to deploy innovative cities. An excellent complement to the well established benchmark meeting, the **Smart City Expo World Congress**.



## RURAL SMART GRIDS



Cities import energy, water, food, human capital, and export products, services, and large quantities of solid and all kind of waste. The natural environment is the sink and source for urban flows and so, it becomes impossible to separate city from its surrounding region, when conceiving a territory's sustainable development.

Moving towards a more sustainable energy model means integrating in the current energy grid, renewable, local and distributed energy generation, such as solar, wind, biomass or hydraulic. For this, we also need to consider the territory that supports the infrastructures in order to capture, transform, and transport energy.

The development of rural areas and their role and relationship with cities needs a meeting point to gather stakeholders to discuss energy priorities. The **Rural Smart Grids Congress is the meeting point for them to discuss their future.**

### Aims of the meeting

- Secure energy supply
- Increase competitiveness of the domestic energy market
- Promote economic development in the supporting territories
- Improve sustainability, looking after biodiversity, water resources and landscape

The **Rural Smart Solutions** is the expo area that hosts innovative technology and service companies providing specialized solutions for rural areas: smart grids, energy efficiency and sustainability.



## CALL FOR SOLUTIONS

The **Smart City Plaza** will showcase some of the leading companies' most innovative solutions on a genuine plaza of over 1,200 m<sup>2</sup>. Aiming to widen the array of solutions to be featured, will also welcome for the first time proposals from all individuals and organizations.

The best and most innovative solutions related with the main tracks of the Smart City Expo World Congress will be selected via this **Call For Solutions**.

### Benefits for the winners:

- Showcase of their prototypes in the very center of the exhibition area.
- A 4m<sup>2</sup> space rental in the Innovation Area.
- Access to the Smart City B2B program.
- One conference pass for the whole event (see Terms and Conditions).

If you are an entrepreneur, a research center, a start-up or a small or medium sized business apply here: Call for Solutions.





## SMART CITY OPEN INNOVATION MARKETPLACE

In connection with the Smart City Expo World Congress will take place the Smart City Open Innovation Marketplace (**Smart City OIMP**) where major corporations will meet the best innovative Smart City's solutions, entrepreneurs and new ideas in different topics.

**Major companies** as INDRA, Microsoft, IBM, FCC and Clear Channel will be launching innovative challenges to the International Open Innovation Community looking for solutions and new ideas to solve them.

Are you an entrepreneur, spin-off, SMEs or technology centre? Can you provide an advanced technology or innovative solution useful to solve major companies' challenges? Do you want to meet them face to face?

Take advantage of this opportunity to showcase your work and register to the Smart City OIMP.



## SMART CITIES INVESTMENT FORUM

This 1st **Smart Cities Investment Forum** will be held on November 19th and will involve private investors and entrepreneurs interested in business opportunities in this sector.

### Addressed to:

- **Investors** interested in participating in smart city projects willing to invest EUR25,000 or more.
- **Entrepreneurs** with a project related to smart cities, clean energy, energy efficiency and energy saving, energy storage, mobility, infrastructure, water treatment and waste, seeking funding from private investors of at least EUR50,000.

The Smart Cities Investment Forum will be co-organized by The Association of Architects in Catalonia, Barcelona Activa (Barcelona City Council) through the ACCELMED Project (MED Programme) and Fira Barcelona.





## BROKERAGE EVENTS

The first edition of the international matchmaking event focused on smart cities is organized by ACCIÓ, the business support agency of the Catalan Government, with the support of the **Enterprise Europe Network**.

The aim is to assist SMEs, start-ups, entrepreneurs, universities and research groups in finding international partners for product development, manufacturing and licensing agreements, **joint ventures** or other **types of partnership**.

Activity will focus on one-to-one **30-minute pre-scheduled meetings** where you can explore potential business and technological co-operation opportunities with companies from all over the world.

### Deadlines:

- Until November 3rd: register and submit a cooperation profile with a description of your offer or request. Profiles are published online.
- October 20th - November 12th: participants select interesting cooperation profiles from the catalogue and request meetings, or if invited, one can accept/reject the meetings.
- November 19th and 20th: bilateral meetings take place at your chosen times at the Brokerage Event stand.



## WORLD SMART CITIES AWARDS

The fourth edition of **the World Smart Cities Awards** will be held in 2014.

This prize recognizes the most ambitious Smart City strategies, the most advanced projects and the most innovative initiatives around the world fostering the development of the Smart City concept.

In 2013 the Awards received more than **250 submissions** from **35 countries**, crowning Rio de Janeiro as the best Smart City of 2013. Rio de Janeiro has committed to a long-term project to turn the city into a smart reference in the southern hemisphere.

The Project Award went to Mori-no-Funabashi City, an innovative urban development project in Tokyo focused on new environmental technologies and promoting energy conservation among residents.

And finally, the Initiative Award went to Smart Citizen – Crowd-sensing Open Community, a platform for participation in which citizens share real-time data captured by any device or sensor.

This 2014 the World Smart City Awards will repeat their success with the same three competing categories: **City, Project** and **Innovative initiative**.



# CHANGE THE WORLD



**18-20 NOVEMBER 2014**  
GRAN VIA VENUE

**Join the Smart Community**

[www.smartcityexpo.com](http://www.smartcityexpo.com)

#smartcityexpo    



**Fira Barcelona**