



**INFRA**NEU

**TelematicsPRO**e.v.  
Die europäische Telematikgesellschaft



## Smart Options 2016

Added value from disruptive smart city solutions with Michael Müller,  
mayor of the city of Berlin



31 May to 2 June 2016 • City Cube • Berlin

[registration@smart-options.org](mailto:registration@smart-options.org)

### Metropolitan Solutions

In the future, the bulk of the world's population will be concentrated in megacities – large urban centers that are home to many millions of people. By 2010, about half of the world's population was already living in urban areas. According to UN forecasts, the world's urban population will rise to around 5 billion by 2030 and 6.4 billion by 2050. While the urbanization megatrend has been around for some time, the difference today is that it is no longer driven by the western industrialized nations, but by emerging economic powers, such as Brazil, Mexico, India and China. By 2025, China alone will have over 221 cities with populations exceeding one million. The need for sustainable

megacity solutions is colossal, and the economic, ecological, political and social challenges confronting not just large cities but medium-sized and small urban areas as well are enormous. This is just as true for cities in the developed countries of Europe and North America as it is in for cities in the developing world. That's why more and more urban planners around the globe are embracing smart city strategies and working hard to improve the quality of life of their cities' residents. In nearly all cases, the strategies are centered around digital integration, increasing the number of green spaces and building intelligent infrastructure. The aim of these strategies is to maintain the attractiveness and competitiveness of cities and to meet the challenges posed by climate change and the changing social makeup of urban populations.

## Words of Welcome

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Welcome to Berlin, and welcome to Metropolitan Solutions 2016!

The digital transformation is in full swing, and the big cities of the world are the laboratories where transformative technological solutions for tomorrow's cities are developed – solutions designed to boost economic growth, enhance resource efficiency, and improve quality of life and democratic participation for people in our society. For the government of Berlin, this is an exciting opportunity to develop Germany's capital into a leading smart city in Europe – a city which invests in integrated technologies so that it can stay at the front of the digital curve and thereby improve people's quality of life.

Berlin is a dynamic urban environment in which stakeholders from business, science and government work together to develop new ideas and products for tomorrow's cities. As such, it is the perfect setting for a show like Metropolitan Solutions 2016, as indeed it is for the numerous other international conferences with which, I am delighted to say, Metropolitan Solutions is partnering this year. Among them is the German Habitat Forum, which is committed to building a better urban future worldwide.

Last year, Berlin hosted Metropolitan Solutions for the very first time. And this year, the city has once again been selected as the home of this major international event. Why? Because it is an ideal rallying point for industries and stakeholders with an interest in urban development. Berlin is home to a wealth of creative minds and innovators from startups and established businesses. All individuals, companies and organizations with an interest in developing solutions for tomorrow's urban challenges – whether climate-friendly transport technologies, energy efficiency or new modes of urban living – will find in Berlin the rich array of ideas and partners they need to help them on their way into the next technological age.

I am confident that the spirit of entrepreneurship and openness to change that characterize our city will again be a great inspiration to the visitors attending Metropolitan Solutions 2016. I therefore invite you all to visit the displays operated by local Berlin exhibitors and gain an impression of the many smart city activities happening in our city. To each and every visitor I wish a successful time at Metropolitan Solutions rich in stimulating encounters and, of course, a pleasant stay in our amazing city with its diverse and exciting cultural offering.



**Michael Müller**  
Governing Mayor of Berlin





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31.05.2016 • City Cube • METROPOLITAN SOLUTIONS • Room M8 Level 3



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### 09.00 *Registration*

### 09.30 *Urban Energy – introduction*

#### Roads to the Community of Future

Prof. Dr. Dieter Flämig, Staatssekretär a. D., CEO INFRANEU  
German Main Association for Infrastructures and Sustainability



### 10.00 *Keynote*

#### Co-creating smart buildings and mobility concepts – experiences from the "Morgenstadt"-projects

Prof. Dr. Ing. Eckhart Hertzsch, former manager "Nationale Plattform Zukunftsstadt"  
Fraunhofer-Institut für Bauphysik IBP (Stuttgart)



### 10.20 *Presentation*

#### Energiewende and urban value benefit:

#### testbed pilots for disruptive IoT energy efficiency solutions in quarters

Jörg Lorenz, chairman green with IT (Berlin)  
Dr. Santiago Naranjo Palacio, E.ON Connecting Energies GmbH (Potsdam)

### 10.40 *Presentation*

#### Districts of future – making cities more efficient

Miguel Fontera Martinez, everis Spain, S.L.U. ( Madrid, Espana)



### 11.00 *Panel discussion*

#### Energiewende: Stadttrenditen der Zukunft (future city values) and user behaviour – how can citizens benefit from Internet of Things and Energy 4.0

Prof. Dr. Dieter Flämig, Staatssekretär a. D., CEO German Main Association for Infrastructures and Sustainability INFRANEU  
Prof. Dr. Ing. Eckhart Hertzsch (Stuttgart)  
Jörg Lorenz, chairman green with IT (Berlin)  
Adriana Anguera Jorda, everis Spain, S.L.U. (Madrid, Espana)  
Dr. Santiago Naranjo Palacio, E.ON Connecting Services GmbH (Potsdam)



11.30 Coffee break

11.45 Urban Mobility & Logistics - keynote

Municipalities as trendsetters of innovation

Prof. Dr. Dieter Flämig, Staatssekretär a. D., CEO INFRANEU
German Main Association for Infrastructures and Sustainability

12.05 Presentation

Mobility platforms – key driver to raise new data treasures

Dr. Stefan Kollarits, CEO PRISMA solutions GmbH, Mödling (Austria)
Carsten Recknagel, CEO ZEITMEILEN AG, Berlin (Germany)

12.25 Presentation

EADACA SCE – The European Cooperative Society unveils new horizons for mobility

Thomas Hornig, CEO highQ Computerlösungen GmbH, Freiburg
Markus Wartha CEO EDASCA SCE, Berlin (Germany)

12.45 Panel discussion

Are we going the American or the European way of mobility?

Prof. Dr. Dieter Flämig, Staatssekretär a. D., CEO German Main Association for Infrastructures and Sustainability INFRANEU
Thomas Hornig, CEO highQ Computerlösungen GmbH, Freiburg (Germany)
Dr. Stefan Kollarits, CEO PRISMA solutions GmbH, Mödling (Austria)
Carsten Recknagel, CEO ZEITMEILEN AG, Berlin (Germany)
Markus Wartha CEO EDASCA SCE, Berlin (Germany)

13.15 Lunch break

14.00 Michael Müller, mayor of Berlin

Grüßwort, (German language) focussing smart city strategies in the German Capital Region

15.00 Keynote

Workshop 1

Added values triggered by disruptive energy efficiency use cases

Moderator: Prof. Flämig

Workshop 2

Added values triggered by logistics and mobility use cases

Moderator: Prof. Wohlgemuth

Prof. Volker Wohlgemuth, dean of the Hochschule für Wirtschaft und Technik (HTW) Berlin, for the following workshops (call for papers out in april)

17.00 Presentation

Presentation of the workshop results by the moderators and conclusion

Prof. Volker Wohlgemuth

18.00 End of the conference

