

Scientific Joint Workshop  
**Innovation in Assessing and Governing  
Low Carbon and Smart Cities**

20-21 October 2014  
Università Bocconi  
Aula Magna via Gobbi 5

Organized by



**Università Commerciale  
Luigi Bocconi**

IEFE  
Center for Research on  
Energy and Environmental  
Economics and Policy



**cost**  
EUROPEAN COOPERATION  
IN SCIENCE AND TECHNOLOGY

**INO GOV**  
INNOVATIONS  
IN CLIMATE  
GOVERNANCE

# Monday 20 October 2014

9:45am

Opening Session

**The Future of Cities in Italy and Europe**

**Andrea Sironi** Rector, Università Bocconi

**Simona Vicari** Undersecretary of State with mandate for Smart Cities, Italian Ministry of Economic Development

**Michele Polo** eni Chair in Energy Markets and Director, IEFE Università Bocconi

**Giovanni De Santi** Director, Institute for Energy and Transport, European Commission - DG Joint Research Centre

**Introduction to the Workshop**

**Edoardo Croci** Green Economy Observatory Coordinator - Policy Area, IEFE Università Bocconi

**Paolo Bertoldi** Action Leader, Renewable Energies and Energy Efficiency, European Commission - DG Joint Research Centre

11:15am

**Break**

11:30am

Session 1 **Monitoring, Measuring and Benchmarking**

**Chair Paolo Bertoldi** European Commission - DG Joint Research Centre

**The Experience of the Covenant of Mayors**

**Chrysoula Argyriou** European Commission - DG Energy

**Defining a Smart City**

**Edoardo Croci** IEFE Università Bocconi

**Key Performance Indicators for Smart Cities**

**Andrea Bondi** Smart City Roadmap Group, Smart Cities Stakeholder Platform

**Case Study: Measuring the smart city and experiences from the Amsterdam**

**Smart City portfolio**

**Audrie van Veen** Amsterdam Smart City

**Case Study: The SMILE Project for the city of Turin**

**Stefano Pisu** Torino Wireless

1:15pm

**Lunch break**

2:30pm

Session 2 **Standards and Protocols**

**Chair Jacques Lair** ISO TC 268 Sustainable Development in Communities

**The ISO 37120:2014 Standards**

**Nico Tillie** World Council on City Data

**Voluntary Programs As Pre-Standards? Lessons learned from the Covenant of**

**Mayors**

**Giulia Melica** European Commission - DG Joint Research Centre

**The Role of Standards in Enabling Future Cities**

**Saviour Alfino** British Standards Institution

**Input for Standardization**

**Paolo Gemma** International Telecommunication Union - Focus Group on Smart Sustainable Cities

**Sector-Specific Standards for Cities: The case of information and communication technologies in cities**

Representative of European Commission - DG CONNECT

**Case Study: Barcelona and the city protocol**

Representative of Municipality of Barcelona

5:00pm

**Wrap-Up of Day 1 Sessions**

# Tuesday 21 October 2014

**9:00am**

Session 3 **Evaluating Climate Governance Innovations: Assessing low carbon and smart cities**

Chair **Andrew Jordan** University of East Anglia

**The UNEP-Led Global Initiative for Resource Efficient Cities**

**Soraya Smaoun** United Nations Environment Programme, Sustainable Consumption and Production Branch

**Towards a New International Framework for Climate Change Policies**

**Marzio Galeotti** IEFE Università Bocconi

**Evaluating Innovative Urban Climate Governance**

**Mikael Hildén** Finnish Environment Institute

**Multi-Level Governance Best Practices**

**Patrick Biard** Rhonalpenergie Environnement

**Case Study: Genova**

**Gloria Piaggio** Genova Smart City

**11:15am**

**Break**

**11:30am**

Session 4 **Financing Plans and Actions**

Chair **Edoardo Croci** IEFE Università Bocconi

**Experiences of Financing Energy Efficiency Through the ELENA Funds**

**Sergio Zobot** Politecnico di Milano

**Compact of Mayors: Establishing the evidence of how cities act and mobilize resources**

**Cristiana Fragola** C40

**Financing Low Carbon Initiatives in Sardinia**

**Patrizia Lombardo** Sardinia Region

**Case Study: Milan**

**Renato Galliano** Municipality of Milan

**1:00pm**

**Closing Remarks**

**Edoardo Croci** Green Economy Observatory Coordinator - Policy Area, IEFE  
Università Bocconi

**Paolo Bertoldi** Action Leader, Renewable Energies and Energy Efficiency, European  
Commission - DG Joint Research Centre

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Registration required at  
[www.unibocconi.it/eventi](http://www.unibocconi.it/eventi)

Cities experience relevant environmental and social pressures, due to the high concentration of people and activities, and are responsible for a high share of energy consumption and CO2 emissions. At the same time, it is in cities that companies and research centers experimenting with innovative solutions are gathered, working on policy, technological and financial solutions to improve development and wellbeing.

The European Commission, through the Covenant of Mayors, has promoted a large participation of Municipalities in contributing to the European CO2 emission reduction targets. Towards Municipalities, the European Commission has also launched a strategic initiative to promote Smart Cities and Communities.

IEFE Università Bocconi, engaged for a long time in research activities on the effectiveness of sustainability policies at the local and multi-scale level, and the IET-JRC, the center of the European Commission based in Ispra, whose responsibilities include the evaluation of municipal Sustainable Energy Action Plans (SEAPs), with the support of the COST European project INOGOV, are jointly organizing this international workshop to take stock of innovation in policies, as well as in governance and assessment instruments for low carbon and smart cities. Speakers include representatives of the European Commission and other international organizations and of the scientific-academic system. Furthermore, innovative experiences of local and regional authorities will be presented.