

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



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 Rhonallpenergie 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 Zabet 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

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.