

Regulating Smart Cities: Infrastructure, Sharing and Financing



Turin, Italy | 8-10 November 2017

TOPICS COVERED

- Regulation of smart infrastructures
- Regulation of smart services
- Competition
- Interconnection and standards
- Open vs. closed infrastructure
- Sharing platforms
- City planning
- Urban Informatics
- Sharing economy
- Project finance and PPPs
- Asset management
- Innovation procurement
- Big data & open data
- Social impact of smart platforms
- Welfare and inclusion technologies

WHAT WE OFFER

- Multidisciplinary lectures (industry experts, policy makers, academics)
- A platform to exchange experiences and best practices
- International case studies
- Interactive sessions
- Debate with policy makers



RATIONALE

The role of cities has become increasingly significant in recent decades. The majority of the world's population lives in those urban areas where most of the wealth is produced, energy and information are consumed and waste and pollution are generated. These urban agglomerations are witnessing major technological and social transformations, resulting in new lifestyles and inequalities at the same time.

The smart city, which has become a buzzword in urban development strategy, is considered to be one of the most powerful tools to deal with contemporary challenges at local level, such as pollution, energy efficiency, transportation, social inclusion and welfare, and to attract investments. In this framework, cities are considered as potential platforms where major building blocks such as infrastructure, urban planning, rules enforcement and active citizenship might be glued together into a system that is able to respond dynamically to a new set of citizens' needs.

The main challenges associated with the realization of a smart city lie in its multi-layer dimensions. As a consequence, an approach that integrates planning and management of the different layers would be required. In turn, this should entail a holistic consideration of different policy areas (ICT, transport, energy and water) with the inclusion of all stakeholders, such as governmental and non-governmental actors, private sector players and citizens. Overall, the main goal is to offer better services and to increase quality of life while guaranteeing infrastructure security and personal safety of citizens-consumers.

The Turin School of Local Regulation and the Florence School of Regulation, Communications & Media Area, of the European University Institute are promoting a three day intensive training to discuss some of the most problematic issues related to the realization of smart cities.

The course analyses the factors driving the development of smart city projects, with the aim of providing participants with the knowledge and skills that are needed to understand their main technological, economic and regulatory challenges.

For further information visit: www.turinschool.eu/eep and <http://fsr.eui.eu/communications-media/>
Email address: eep@turinschool.eu and FSR.ComsMedia@EUI.eu

ELIGIBLE PARTICIPANTS

- Policy makers
- Regulators
- City planners
- Utility network specialists
- Industry experts
- Software architects
- Startups
- Researchers
- Local decision makers
- Community managers

FEES

They include: course tuition, case study materials, coffee breaks, lunches and one social dinner.

■ Full fee.....700 Euro

Application and full payment deadline:
1st October 2017 at 5pm CET

■ Early-bird fee.....500 Euro

Application and full payment deadline:
4th August 2017 at 5pm CET

THE VENUE

The training course takes place at our venue Rinascimenti Sociali, Via Maria Vittoria 38, in the heart of Turin city centre. Participants will benefit from a remarkable location and its fully-equipped facilities.

Secure your place!

[REGISTER NOW](#)

PROGRAMME

Day 1 | SMART CITIES: UNDERSTANDING THE FUTURE OF INFRASTRUCTURE

An overview of the concept of smart city, its evolution and importance as a political tool, on the actors and services it involves and how these are regulated

- State-of-the-art in current smart city projects
- Designing the Architecture of e-Infrastructure (openness v. closeness, interoperability, connectivity, standards, security)
- Technology and Urban Planning

Day 2 | BUSINESS MODELS AND FINANCING

Analysing how new business models are impacting local systems and how they can be regulated

- Smart business models
- Financing smart city projects
- A New Smart Model: Best Practices From the Public and the Private Sectors
- Case studies

Day 3 | REGULATORY AND COMPETITION CHALLENGES FOR SMART CITIES

Technology-based sharing platforms are touching more and more people's lives, how can policy and regulation cope with new technologies?

- Sharing platforms: competition and regulatory issues
- Big Data challenges
- Consumer protection
- Safety and security
- The role of the local regulation
- Debate

The initiative is endorsed by



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Programme

8 November 2017	09:00 – 10:30	KEYNOTE: IOT SOLUTIONS FOR SMART CITIES: THE CURRENT TRENDS AND CHALLENGES IN THE EU <i>PEDRO CARO DE SOUSA, OECD</i>
	10:30 – 11:00	<i>Coffee break</i>
	11:00 – 12:30	STATE-OF-THE-ART IN CURRENT SMART CITY PROJECTS <i>CHRISTIAN CLAUSS, IBM</i>
	12:30 – 14:00	<i>Lunch</i>
	14:00 – 15:30	DESIGNING THE ARCHITECTURE OF E-INFRASTRUCTURE (OPEN, INTEROPERABLE AND TECHNICALLY-SOUND STANDARDS; SMART AND SECURE INFRASTRUCTURE) <i>JEROEN SCHEER, ALLIANDER</i>
	15:30 – 16:00	<i>Coffee break</i>
	16:00 – 17:30	SMART CITIES: TECHNOLOGY AND URBAN PLANNING <i>PATRIZIA LOMBARDI, POLITECNICO DI TORINO</i>
9 November 2017	09:00 – 10:30	“SMART” BUSINESS MODELS <i>SCOTT MARCUS, BRUEGEL – FSR</i>
	10:30 – 10:50	<i>Coffee break</i>
	10:50 – 12:20	FINANCING SMART CITY PROJECTS <i>SERGIO OLIVERO, SITI</i>
	12:20 – 14:00	<i>Lunch</i>
	14:00 – 15:30	A NEW SMART CITY MODEL: BEST PRACTICES FOR THE PUBLIC AND PRIVATE SECTORS <i>MASSIMO ALULLI, ANCI</i>
	15:30 – 16:00	<i>Coffee break</i>
	16:00 – 17:30	DISCUSSION AND CASE STUDY <i>PLANET IDEA SRL</i>
10 November 2017	09:00 – 10:30	SHARING PLATFORMS: REGULATORY ISSUES (I) <i>PIER LUIGI PARCU, FSR – EUI</i>
	10:30 – 11:00	<i>Coffee break</i>
	11:00 – 12:30	SHARING PLATFORMS: REGULATORY ISSUES (II) <i>MARK REALP, CATALAN COMPETITION AUTHORITY</i>
	12:30 – 14:00	<i>Lunch</i>
	14:00 – 15:30	THE ROLE OF LOCAL REGULATION <i>JUAN MONTERO, UNED UNIVERSITY</i>
	15:30 – 16:00	<i>Coffee break</i>
	16:00 – 17:00	FINAL DISCUSSION
	17:00 – 17:30	CONCLUDING REMARKS <i>PIER LUIGI PARCU – FRANCO BECCHIS</i>



Turin School of Local Regulation

The Turin School of Local Regulation (TSLR) is a network school with a specific mission: focusing on local aspects of regulation and governance of public services and bridging the gap between the academic research and the local decision-makers.

The TSLR was officially launched by Foundation for the Environment in 2012 to capitalize a 15-year experience on training and capacity building on regulation of local public services. The School adopts a policy-oriented approach, with the aim of spreading the culture and instruments of regulation and regulatory reform at local level.

In terms of topics and sectors covered, the TSLR focuses on different aspects connected to local regulation (like investment decisions, procurement, tariff setting, asset management and distributional aspects) and on different sectors, namely energy distribution, urban waste and water cycle, local public transport, green areas and sport facilities, local welfare policies.

Turin School of Local Regulation

Via Maria Vittoria 38, 10123
Turin (Italy)
<http://turinschool.eu>



The Florence School of Regulation, Communications & Media Area

The Florence School of Regulation, founded in 2004 by the European University Institute (EUI) and the Council of European Energy Regulators (CEER) with the support of the European Commission, is a centre of debate, training and research about regulation and competition policy in the network industries.

The Communications & Media Area of the FSR (FSR C&M) was established in 2009 in partnership with the European Electronic Communications Regulators (IRG/BEREC), and work closely with the European Commission (DG CNECT). It aims to provide state-of-the-art training for practitioners, to carry out analytical and empirical research, and to promote informed discussions on key policy issues in the electronic communications, Internet and media sector. The FSR C&M is directed by Professor Pier Luigi Parcu, with the support of a high level Scientific Committee composed by widely-known academic experts in the field and qualified research associates and project assistants.

Florence School of Regulation - Comms & Media

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