



30 November - 2 December 2015 | Torino, Italy

## **ECONOMIC REGULATION OF DISTRICT HEATING SERVICE: MULTI-LEVEL REGULATORY TASKS, COMPETITION AND PUBLIC INTEREST**

### **TARGET PARTICIPANTS**

The course is mainly addressed to:

- Local government heads, mayors and other public sector decision makers and managers involved in DH projects
- Local regulators of infrastructure and public services
- City planners
- National energy regulators
- National competition regulators
- Energy utility experts
- Consumer protection specialists
- Officials from international organizations
- Researchers and PhD students

### **RATIONALE**

District heating is widely recognized as a very viable technology solution when developed in a very dense urban area, or in dense groups of dwellings in remote mountain areas, when the aim is to increase the air quality at local level and achieve relevant primary energy efficiencies.

Regulatory challenges - especially at local level - are always at stake, even if not formally present, for the nature of the service itself and because it requires a strong interaction with the Municipality where the service will be offered.

### **TOPICS COVERED**

What follows is a list of the most relevant topics that will be covered along 17 hours of lectures and one site visit to one of largest DH system in Europe:

- Main technology issues that influence any regulatory attempt, either at national or local level, of a DH system
- regulatory frameworks already in force at EU and extra EU
- ownership (public, private, PPP) and financing of assets (production systems, heat storage systems, heat network, final user's heat exchangers)
- vertical (dis)integration of the industrial operators involved
- third party access to the heat storage and network systems, with focus on mixed systems of production of heat (fossil and renewables)
- competition among operators offering heat as a service in presence of a multitude of customized technology solutions, different from DH
- how to price fair switching costs for final users
- how to price heat and how to choose the best tariff structure, also in presence of district cooling systems
- urban planning with a focus on planning extensions of the network in presence of a trend of more and more efficient buildings
- monitoring final user's consumptions with a focus on multi-story buildings
- information and awareness amongst household final users
- fuel poverty and arrears in the DH sector
- the regulatory role of municipalities in private, public or PPP structures
- stakeholder analysis with FIELD™ methodology for optimal problem setting.

*For further information:*

visit [www.turinschool.eu/eep](http://www.turinschool.eu/eep) | or write to: [eep@turinschool.eu](mailto:eep@turinschool.eu)

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## COURSE OBJECTIVES

The course aims to give participants an overview of the wide implications that the presence (or absence) of national and/or local economic regulation of district heating services can defend public interest and allocate risks more fairly, alongside with deep insights from international real case studies presented and discussed among participants.

Participants will be trained on the most relevant technology topics for economic regulatory tasks, among them how to price heat in a CHP system, how to take into consideration renewable energy solutions, third party access and how to price switching costs for consumers, in presence of available alternatives to DH. Officials from municipalities will learn the most critical aspects of a financial plan for a DH system in the case of a PPP structure and how to monitor heat prices to inform and protect final users.

During the course a specific attention will be given to build the proper competence of understanding stakeholder dynamics and incentives alignment with the tool FIELD™, especially useful in complex systems that foresee third party access to the heat network.

## PROGRAMME

### Day 1 | REGULATORY FRAMEWORKS AND THE LOCAL LEVEL

- A primer on DH systems for economic regulators: heat production, distribution and final users' technology solutions
- State of the art of DH regulatory framework in EU and extra EU
- Heat production costs and DH tariff setting: state of the art and critical aspects
- The role of the municipality: environmental sustainability planning, permissions and concessions, tariff checking/setting, customer protection

### Day 2 | STAKEHOLDER ANALYSIS AND REAL CASE STUDIES

- Stakeholder analysis with FIELD™ methodology
- Italian case study: the experience of the Italian competition authority (Market regulation)
- international case study n.1 (National regulation)
- international case study n.2 (Local regulation)

### Day 3 | SITE VISIT: IREN CHP PLANT FOR DISTRICT HEATING

- Visit to the IREN CHP energy plant located in the metropolitan area of Turin
- Final wrap-up of the site visit using FIELD™ methodology

**Classes will start on Monday at 9.00 a.m. and will end on Wednesday at 1 p.m., for a total of 17 teaching hours.**

FIELD™ is a tool developed by the Turin School of Local Regulation to help local decision-makers to tackle local governance with a



richer information basis, to strengthen awareness in public and private choices and to increase effectiveness of local policies and projects by setting the right scenario and asking the right questions before policies and programs are outlined. FIELD stands for "Framework of Incentives, information Endowment and exchange for Local Decision-making". Know more at: <http://turinschool.eu/FIELD>



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## ADMISSIONS

### Application Process

Please visit [www.turinschool.eu/eep](http://www.turinschool.eu/eep) for complete admission requirements and to apply online. Applications and full payment of the fee is requested within the 23rd of October 2015. Since qualified candidates are admitted on a rolling, space-available basis, early application is encouraged.

### Admission Requirements

Admission is selective and based on professional achievement and responsibility. No formal educational requirements apply, but proficiency in written and spoken English is essential.

### Programme Fee

The fee includes course tuition, case materials, one site-visit included in the programme, 3-night accommodation, breakfasts, two lunches, one social dinner and coffee breaks, free access to the SPA. Instructions on the payment and on cancellation clauses will be sent to participants at the time of application.

### Cancellation Clause

The course will take place as scheduled if a minimum number of participants is reached. In case of cancellation of the session due to a lower number of registered participants, already registered applicants will be totally refunded.

***Contact us to know more about fees and application process. Special rates for early bird registrations!***

## COURSE VENUE AND ACCOMMODATION

The Course will take place at the [Hotel Victoria](#) in Turin (Italy) . The venue is situated in the heart of the City of Turin, only 5 minutes walking distance from the beautiful and unique baroque city centre of the first capital of Italy.

Participants will enjoy an elegant accommodation with fully equipped single or double rooms, free wi-fi, swimming pool and SPA facilities\*.



\*Free access to the SPA upon reservation. Opening hours: Tuesday – Friday : 12pm - 9pm , Saturday – Sunday : 10:30am - 9pm. Monday closed.

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## THE ORGANIZERS

This course is organized by the



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

<http://turinschool.eu>

### SECRETARIAT

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## CATALOGUE 2015

Discover the other executive courses scheduled in 2015:

### Regulation of public services: national and local perspectives

Dubrovnik, Croatia | 9-13 March 2015

### Project finance and regulation of local services and infrastructures: a challenging relationship?

Turin, Italy | 29 June – 1 July 2015

### Local regulation and tourism

Venice, Italy | 13-15 July 2015

### Playing the game with better cards:

*Actors, incentives and information in local policies*

Turin, Italy | 12-13 October 2015

### Regulation, infrastructures and local services in Islamic context

Turin, Italy | 21-22 October 2015

### To pay or not to pay? *Management of arrears for local public service providers*

Alba, Italy | 4-5 November 2015

### Economic regulation of district heating service: multi-level regulatory tasks, competition and public interest

Turin, Italy | 30 November - 2 December 2015

### Competition policy and local regulation : Clash, coexistence and cooperation

Italy | Spring 2016

To know more, visit the webpage of our Executive Education Programme:

<http://turinschool.eu/eep>

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