

# *3<sup>RD</sup> INTERNATIONAL SEMINAR ON WATER RESOURCES MANAGEMENT*

University of Pisa, Italy - 27<sup>th</sup> January 2017



# Agenda

- Brief presentation of PRA 2016 on *Governance and Performance of water utilities*
- 1st Session: *Governance and Performance of Italian Water Utilities: the main results of the PRA project*

*coffee break*

- 2nd Session: *The Pivotal Role of Governance and Performance in Water Utility Management: International Experiences, Best Practices and Research Agenda*

*lunch*

- 3rd Session: *Brain storming and Discussion on the Research proposals of the International Network on European Water Utility*



# Brief presentation of PRA 2016

- The Seminar's topic is "***Governance and Performance of water utilities: tools and best practices***".
- In the first section we present the main results of the activities of a research project financed by the University of Pisa (PRA 2016) and coordinated by Giulia Romano.
- The research project addressed some relevant and current issues about the **management of water utilities and the sustainable water use**.
- Cutting edge tools have been used to investigate these issues in order to cover the existing gaps in the literature.
- Synergies have been developed with the **Jean Monnet Module** and **other research projects** of the research group's members (collaborations among University of Pisa's researchers and with the University of Verona, University of Lisbon, Catholic University of Chile...)



# Brief presentation of PRA 2016

## Research products (up-to-date)

- 3 papers already published in 2016 (Utilities Policy, Sustainability, Management delle Utilities)
- 2 accepted papers in journal ranked A ANVUR (Socio-Economic Planning Sciences and Journal of Cleaner Production)
- 5 papers under review (2 with minor revisions, 3 on journal ranked A Anvur)
- 1 working paper (to be submitted in few days)
- 8 conference presentations
- 2 scholarships for students of the University of Pisa
- New databases
- Collaborations with firms and international scholars



# 1st Session: *The main results of the PRA project*

- **Guerrini A.**, Romano G., Mancuso F., Carosi L., *Identifying the performance drivers of wastewater treatment plants through conditional order-m efficiency analysis*
- **Carosi L.**, D'Inverno G., Guerrini A., Romano G., *Water pollution in wastewater treatment plants: an efficiency analysis with undesirable output*
- **Masserini L.**, Romano G., Corsini L. *Investigating the attitudes toward water conservation, additional water price and willingness to pay among Italian university students*



## 2nd Session: *The Pivotal Role of Governance and Performance in Water Utility Management: International Experiences, Best Practices and Research Agenda*

- **Emanuele Lobina** (University of Greenwich, UK) *A research agenda for comparative institutional analysis in the global water sector*
- **Konstantinos Tsagarakis** (Democritus University of Thrace) *Operating Cost Coverage for Water Utilities*
- **Rodrigo Rondon** (University of Lisbon) *Institutional analysis and the development of rules for private participation in Brazilian water utilities: governing next generation PPPs in Brazil*
- **Francesco Fatone** (Polytechnic University of Marche) *Innovation and circular economy in municipal wastewater treatment: the European experience of SMART-Plant*



## 3rd Session: *Brain storming and Discussion on the Research proposals of the International Network on European Water Utility (and more...)*

- Intended as a working session
- Discussion on future trends of research on water utilities
- Discussion on how to improve last year's proposal on EWURIN network Jean Monnet (membership, research questions, ...)
- Discussion on next IWA conference (Water Economics, Statistics and Finance) to be held at the University of Pisa?

