

PERSONAL INFORMATION



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PROFESSIONAL EXPERIENCE

01/01/2002-to date

Associate Professor (SECS/P-06 Applied Economics)

University of Milan-Bicocca, Milan (Italy)

- Professor of Industrial and Competition Economics.
- Coordinates the activities of research laboratories on Energy Market Regulation, Circular Economy and Waste Management.

01/06/2018- to current date

Scientific Director CESISP Research Center

Center for Economics and Regulation of Services, Industry and the Public Sector

Departmental Research Center of the University Milano Bicocca, Department of Economic and Business Sciences and Law for Economics

Research areas: Energy and environmental economics, Analysis of market models and development of business platforms in the energy sector, Regulation, privatization, enterprise reorganization processes, Structural evolution manufacturing sectors, Measurement of technical production efficiency of network services

01/07/2007-to date

Senior Advisor Energy Transition Confindustria

Activities to support the definition of energy policies and policies for sustainable development.
Confindustria Nazionale, Rome, Viale Astronomia 30

01/06/2009–31/05/2016

Vice President Energy Lab Lombardy Region

EnergyLab Foundation, Milan (Italy)

Inter-university foundation between Milan universities for research in the energy and environmental field in Milan, with the participation of the Lombardy Region.

01/09/2004–30/08/2006

AEEG Studies and Strategies Office Director

Electricity and Gas Authority, Milan (Italy)

Strategic energy market analysis activities and regulatory impact assessments

01/01/1998–31/12/2010

Previous professional activities

- From 2009 to 2012 on behalf of the Ministry of Education, University and Research, he was coordinator for the drafting of the National Research Program 2010-2012 with reference to the Energy Area;
- 2005-2007 He was Project Leader of the European Commission's twinning project "Institutional Strengthening of the Energy Market regulators with the Energy Market Regulator of Turkey."
- From 2001 to 2004 he was Coordinator of the Public Utilities and Competition Core of Confindustria.
- 2003 He was a member of the Ministry of Production Activities' expert group on National Energy

Policy;

- 2001-2002 He was a member of the Commission for the Reform of Supervisory Authorities at the Department of Civil Service of the Presidency of the Council;
- 1998-2001 He collaborated with the Electricity and Gas Authority as head of gas network access regulation models
- 2000 At the Department of Political Economy University of Milan he coordinated with Prof. Ugo Arrigo a study on the construction of statistical-economic models for the financial determination of the cost of universal service in the postal sector.
- 2000. He collaborated with ENEA for a study on comparative analysis on Power Exchange models.
- Academic years 1999-00 and 2000-01 he worked on research project under the co-funding of the Italian Ministry for Academics and Research, entitled "Regulatory Authorities: methods for performance evaluation and related empirical tests," as part of a university consortium with University of Rome Luiss and Catholic University of Milan coordinated by Professors F. Gobbo, L. Prosperetti and E. Pontarollo.
- 1998/99 He was coordinator at Spa Ricerche of a study on the convergence of network services in Europe dealing with the Postal and Railway Service (See publications).
- 1999 He collaborated with the Confindustria Study Center on a research publication entitled "Rules and Regulation" coordinated by Prof. Mario Baldassarri.
- 1998/99 He collaborated with the General Director of the Municipality of Milan Dr. Stefano Parisi, respectively: a) to prepare the program contract of the municipal transportation company; b) to determine tariff models for social services in relation to the application of the Indicator of Equivalent Economic Situation (ISEE).
- 1998 He participated as an external member in the Public Expenditure Qualification Committee of the Autonomous Province of Trento dealing with the privatization policies of local public services.
- 1997 He collaborated with Federelettrica at the Dept. of Political Economy University of Milan on the research project "Reorganization of the electricity sector and tariff reform" carried out at the Institute of Political Economy.
- 1997 He collaborated with Prof. L. Prosperetti on a research project for Italgas on the econometric analysis of economies of scale, market structure in the distribution of Natural Gas and its implications for tariff restructuring.
- 1997 He collaborated on a paper analyzing the financing mechanisms of Universal Service in the TLC sector as an external member in the Commission of Inquiry on Telephone Tariffs at CNEL (Rome) coordinated by Prof. L. Prosperetti.
- 1997 He collaborated with the Research Institute "Progetto Europa" in Rome on a Study commissioned by Telecom Spa on the analysis of Antitrust strategies regarding the liberalization of telecommunication services.
- 1997 He served as a consultant for ANAO-Assomed on the application of Profit Sharing models in health care spending rationalization policies in Italy.
- 1996/97 He conducted a series of seminars on "Regulation and Tariff Policies in Public Utilities" at the Faculty of Economics and Business, University of Milan.
- 1994/95 He carried on a series of lectures for the Course in Industrial Economics having as their subject theories and models of economic regulation with special reference to the English case at the Faculty of Economics and Business of the University of Milan.
- 1990-91 He collaborated with Banco Ambrosiano in Administrative Compulsory Liquidation (Milan). Activities performed: collaboration with liquidators in reconstructing financial relationships with foreign investee companies.
- 1987/88 He collaborated with the Exchange Agents Steering Committee of the Milan Stock Exchange to prepare a volume on the technical aspects of stock exchange operations.

04/04/1991–04/04/1995

Ph.D.

University of Bologna, Bologna (Italy)

Thesis entitled "The regulation of the natural gas market."

01/09/1992–30/09/1993

Master of Science

Queen Mary College University of London, London (United Kingdom)

Applied economics

19/09/1986-2/1991

Bachelor's Degree in Economics and Banking

Catholic University of the Sacred Heart, Milan (Italy)

Economy and finance

ADDITIONAL EXPERTISE

Mother tongue

Italian

Foreign languages

English

UNDERSTANDING		SPEAKER		WRITTEN PRODUCTION
Listening	Reading	Interaction	Oral Production	
C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Advanced user
Common European Framework of Reference for Languages

Further academic activities

- Since the 1997/1998 academic year, he has been a researcher in Economics of Manufacturing Sectors.
- Lecturer at the Master of Science in "Environmental Management" Faculty of Science at which he conducted a series of seminars on "Tariff Regulation and Environmental Protection" (a.y. 1999-00 and 2000-01).
- Lecturer at the Master's degree program in "Business Economics and Public Utilities," Faculty of Economics, in which he taught a course on "Regulation of Network Services" (a.y. 1998-99).
- Assistant Professor of Industrial Economics, Faculty of Economics, collaborated on the course by conducting a series of seminars on "Economics of Regulation" (a.y. 1995-96, 1996-97, 1997-98, 1998-99, 1999-00, and 2000-01).
- Assistant professor at the Chair of Political Economy, Faculty of Economics, collaborated by conducting cycles of tutorials for the course of Institutions of Economics (a.y. 1995-96, 1996-97, 1997-98 and 1998-99).
- He was appointed as Class Teaching in the following courses (a.y. 1993/94 and 1994/95): ✓ Mathematical Methods for Economics and Business (first term). ✓ Introductory to Econometrics for Economics and Business (second term).

MORE INFORMATION

Recent scientific publications

Beccarello, M., Di Foggia, G. (2023). A Circularity Mapping Framework for Urban Policymaking. JOURNAL OF POLITICS AND LAW, 16(1), 11-23 [10.5539/jpl.v16n1p11].

Di Foggia, G., Beccarello, M. (2022). Opportunity Cost of Carbon Pricing and White Certificate Programs: A Business Case. JOURNAL OF SUSTAINABLE DEVELOPMENT, 15(5), 150-159 [10.5539/jsd.v15n5p150].

Beccarello, M., Di Foggia, G. (2022). Economic Impact of Energy Efficiency Policies: A Scenario Analysis. *INTERNATIONAL JOURNAL OF ECONOMICS AND FINANCE*, 14(12), 1-11 [10.5539/ijef.v14n12p1].

Di Foggia, G., Beccarello, M. (2022). Introducing a system operator in the waste management industry by adapting lessons from the energy sector. *FRONTIERS IN SUSTAINABILITY*, 3, 1-10 [10.3389/frsus.2022.984721].

Di Foggia, G., Beccarello, M. (2022). Business models for municipal waste management: An economic comparison based on social welfare and economies of scale. Paper presented at: Academy of Innovation and Entrepreneurship Conference, Seville.

Beccarello, M., Di Foggia, G. (2022). Managerial Functions of an Independent Coordinating Body in the Governance of Waste Management. *JOURNAL OF MANAGEMENT AND SUSTAINABILITY*, 12(2), 48-57 [10.5539/jms.v12n2p48].

Di Foggia, G., Beccarello, M. (2021). Designing waste management systems to meet circular economy goals: The Italian case. *SUSTAINABLE PRODUCTION AND CONSUMPTION*, 26(April 2021), 1074-1083 [10.1016/j.spc.2021.01.002].

Di Foggia, G., Beccarello, M. (2021). Designing waste management systems to meet circular economy goals: The Italian case. *SUSTAINABLE PRODUCTION AND CONSUMPTION*, 26(April 2021), 1074-1083 [10.1016/j.spc.2021.01.002].

Di Foggia, G., & Beccarello, M. (2020). The impact of a gain-sharing cost-reflective tariff on waste management cost under incentive regulation: The Italian case. *JOURNAL OF ENVIRONMENTAL MANAGEMENT*, 265, 110526.

Beccarello, M., & Di Foggia, G. (2018). Improving efficiency in the MSW collection and disposal service combining price cap and yardstick regulation: the Italian case. *Waste management*, 79, 223-231.

Beccarello, M., & Di Foggia, G. (2018). Moving toward a circular economy: economic impacts of higher material recycling targets. *MATERIALS TODAY: PROCEEDINGS*, 5(1), 531-543.

Beccarello, M., Serri, L., Lembo, E., Airolidi, & D., Gelli, C., (2018) "Wind energy plants repowering potential in Italy: technical-economic assessment." *RENEWABLE ENERGY*, 115, 382-390. Elsevier North Holland.

Beccarello, M. & Molinaro, G (2017). "From Remediation to re-industrialization: state of play in Italy, problems and proposals." Article for the book "European achievements in soil remediation and brownfield redevelopment reference" Published by Joint Research Centre European Commission.

Beccarello, M., & Di Foggia, G. (2016). Economic analysis of EU strengthened packaging waste recycling targets. *JOURNAL OF ADVANCED RESEARCH IN LAW AND ECONOMICS*, 7(8), 1930-1941.

Beccarello, M. (2012) "The strategic Role of Energy Efficiency within the Italian green economy" . Italian Agency for the Promotion of Technologies for Innovation, Rubattino. 6. M.Beccarello, D. Floro (2011) "Evaluating the effects of european electricity restructuring. Evidence from generation price cost margins" Necklace Dep. Management and Business Administration, Giuffrè Editore.

Main publications in Italian

Di Foggia, G., Beccarello, M. (2020). Urban circular economy: towards an indicator to support policy makers. In *SNPA FOCUS XV Report on urban environmental quality - 2019 edition* (pp. 295-302). Rome : SNPA.

Beccarello, M., & Di Foggia, G. (2017). The management service of municipal waste collection and disposal in Italy: efficiency assessments and regulatory proposals. *L'Industria*, no. 3/2017, 341-364.
Massimo Beccarello (2011) "Assessments of the socio-economic impacts of energy efficiency policies" *L'industria*, no.2/2011, pp 223-244.

M. Beccarello and Daniela Floro et al (2010) "Models of network ownership and valorisation in the renewal of gas distribution service contracts in Lombardy". Energy Lab Foundation, Lombardy Region M

Beccarello and D. Floro (2010). "The liberalization of the electricity market." In "Index of liberalizations 2010," IBL books Milan 2010.

M. Beccarello and D. Floro (2010). "The liberalization of the natural gas market." In "Index of liberalizations 2010," IBL books Milan 2010.

M. Beccarello et al (2009). "Preconditions for Italy's return to electronuclear energy." Italian Energia

editions for Energy Lab Foundation Milan.

M. Beccarello and A. Villa (2009). "The electricity market." In "Index of liberalizations 2009," IBL books Milan 2009.

M. Beccarello and A. Villa (2009). "The natural gas market." In "Index of liberalizations 2009," IBL books Milan 2009.

M. Beccarello (2008). "The regulation of the natural gas market. Rubettino, monograph for the Policy series Istituto Bruno Leoni Milan.

M. Beccarello (2007). "The new European energy policy: opportunities and risks for industrial sectors." Economics and Industrial Policy, no. 3/2007