

## INFORMAZIONI PERSONALI

**Francesco Rizzi**

## POSIZIONE

- Professore associato in management presso l'Università di Perugia
- Professore affiliato in management della sostenibilità presso la Scuola Superiore Sant'Anna
- Visiting researcher presso il Trinity College of Dublin
- Partner di ERGO srl

## ESPERIENZA LAVORATIVA

Dal 28/12/2015

**Professore associato in management, Coordinatore del Phd in Economics**

Dipartimento di Economia  
Università degli studi di Perugia  
06100, Perugia, Italia  
www.econ.unipg.it

**Attività o settore** Ricerca e formazione universitaria

**Principali ambiti di ricerca:**

- Corporate sustainability:
  - Strategic management for sustainable development
  - Sustainable supply chain management
  - Innovation management in green markets
  - Crisis and disaster management
- Sustainable consumption and production
  - Consumer behaviour and sustainability
  - Green marketing
- Resource efficiency:
  - Eco-design and performance management
  - Environmental footprint and emission trading
  - Industrial clusters and symbiosis
  - Smart cities and communities

Coordinatore del PhD in Economics  
Membro eletto della Commissione Paritetica per la Didattica dal 12/2019  
Membro eletto della Giunta del Dipartimento di Economia fino al 12/2019  
Tutor di studenti della laurea triennale e magistrale in economia

Dal 14/01/2016  
01/01/2011-27/12/2015  
01/10/2005-31/12/2010  
03/11/2003-30/09/2005

**Professore affiliato in management della sostenibilità**  
**Ricercatore e assistant professor in management della sostenibilità**  
**Research fellow in management della sostenibilità**  
**Research assistant in management della sostenibilità**

Istituto di Management  
Scuola Superiore Sant'Anna  
56127, Pisa, Italia  
www.idm.sssup.it ; www.sum.sssup.it

**Attività o settore** Ricerca e formazione universitaria

**Principali ambiti di ricerca:**

- Corporate sustainability:
  - Strategic management for sustainable development
  - Sustainable supply chain management
  - Innovation management in green markets
  - Crisis and disaster management
- Sustainable consumption and production
  - Consumer behaviour and sustainability
  - Green marketing
- Resource efficiency:
  - Eco-design and performance management
  - Environmental footprint and emission trading
  - Industrial clusters and symbiosis
  - Smart cities and communities

Tutor di studenti della laurea magistrale e dei diplomi di master post-laurea  
Supervisor di studenti iscritti al PhD programme in Management  
Membro della Commissione Didattica del master in Gestione e Controllo dell'Ambiente  
Membro del Collegio di dottorato del PhD in Management  
Membro delle Commissioni di laurea magistrale

Dal 01/10/2013 **Visiting researcher in innovation management**  
TrinityHaus  
Trinity College of Dublino  
College Green, Dublino 2, Irlanda

**Attività o settore** Ricerca e formazione universitaria

**Principali ambiti di ricerca:**

- Innovation dynamics in the urban environment, citizen-led innovation, citizen empowerment, entrepreneurship in people friendly cities, value chain management in data rich environments, crowdsourcing

Dal 27/12/2006 **Coordinatore di un Work programme**  
European Energy Research Alliance  
Joint Programme on Economic, Environmental and Social Impacts of Energy Policies and Technologies  
1000, Bruxelles, Belgium  
www.eera-set.eu

**Attività o settore** Ricerca e servizi

**Principali ambiti di attività:**

- Coordinamento di ricerche interdisciplinari nel settore delle low carbon energy technologies.

Dal 27/12/2006 **Partner and Project manager**  
ERGO srl  
56127, Pisa, Italia  
www.ergosrl.net

**Attività o settore** consulente HSEQ**Principali ambiti di attività:**

- Trasferimento alle imprese dei prodotti della ricerca sui temi del management della sostenibilità
- Attività di energy & carbon management presso imprese quali Mutti, Manni, Knaut, Sterilgarda, Lucart, Officinae Verdi, Green Capital Alliance
- Attività di auditing di compliance normativa e sviluppo di sistemi di gestione HSEQ-energia presso realtà quali: Eni, UniCoop Tirreno, Comune di Pisa, Intervet, Terre Uomini Ambiente, Waste Recycling, Bibi, Galsi, Publiambiente Spa, Electravinds Italia, Lucart, Cala de' Medici, Teseco, Provincia di Grosseto, Comune di Lucca, Gallione, Bekers, Cisa, Comprital, Dollmar, Pratorosso, Augusta Westland, Arcelor.

11/07/2014-11/07/2015

**Collaboratore dell'amministrazione giudiziaria**

Italgas Spa

, 10153, Torino, Italia

**Attività o settore** Distribuzione gas**Principali ambiti di attività:**

- Supervisione sulla applicazione del corporate system framework.

01/05/2010-01/10/2013

**Consigliere di amministrazione**

Geo Energy Service Spa

56045, Pomarance, Italia

**Attività o settore** Energy provider – servizi di teleriscaldamento**Principali ambiti di attività:**

- Business planning, strategy development, performance control.

01/07/2004-31/08/2004

**Consulente**

Pont-Tech Scrl

56025, Pontedera, Italia

**Attività o settore** Polo di trasferimento tecnologico ed incubazione di imprese**Principali ambiti di attività:**

- Sviluppo dello studio di impatto socio-ambientale relativo al parco edico di Pontedera

01/05/2003-31/09/2003

**Business development assistant**

All.Co Group SpA

Ospedaletto Industrial zone, 56121, Pisa, Italia

**Attività o settore** Industria dell'alluminio**Principali ambiti di attività:**

- Supporto al processo di sviluppo di un nuovo stabilimento produttivo

01/06/2001-01/06/2002

**Assistente di ricerca (stage)**

Autorità di Bacino del fiume Serchio

, Lucca, Italia , 55100, Lucca, Italia

**Attività o settore** Autorità di bacino**Principali ambiti di attività:**

- Programmazione strategica di interventi per la gestione della risorsa idrica

**EDUCAZIONE E FORMAZIONE**

19/10/2018

**Abilitazione scientifica nazionale di prima fascia ex art. 16 D.Lgs 30 Dicembre 2010, n.240) – settore: 13/B2.**Qualifica  
professionale

	MIUR	
	▪ Area disciplinare: Management	
25-27/05/2015	<b>Auditor/Lead Auditor of ISO 50001:2011 energy management systems</b> RINA-Sogea KHC qualified course n° 075/2015 ▪ Area disciplinare: Energy management	Qualifica professionale
05/12/2014	<b>Corso di formazione “H2S Safety” ex D.Lgs 81/08 artt. 32 comma 4 e 98 comma 2.</b> HSE Global Service S.a.S, Italia ▪ Health and safety management in aree ad alta concentrazione di H2S	Qualifica professionale
01/01/2011-01/06/2014	<b>Dottorato in teorie e metodi per l’analisi economica</b> Università Europea di Roma, Italia ▪ Dottorato di ricerca ▪ Quantitative research methods	PhD
10/03/2009-13/03/2009	<b>Corso avanzato IEMA EMS Auditor “Occupational Health and Safety Systems Verifier”</b> SOGEA– RINA Training Factory, Italia ▪ IEMA Advanced EMS Auditor qualification	Qualifica professionale
06/10/2007-20/10/2007	<b>Corso executive “Learning China in China” e “Business in China”</b> Università di Chongqing - School of Economics and Business Administration, Republic of China ▪ Executive business specialization	Qualifica professionale
20/09/2006-22/09/2006	<b>Corso avanzato in “Sustainable development”</b> Centro de Tecnologías Ambientales/TIRME – Illes Balears, Spain ▪ Corso di specializzazione erogato nell’ambito del programma EU INTERREG	Qualifica professionale
11/05/2003-15/05/2003	<b>Corsi executive “Environmental Management System Developers” e “Environmental Management System Lead Auditors”</b> Rina Industry SpA, Genova, Italia ▪ British Standard Institute licences EN20 and EN16	Qualifica professionale
01/11/2002-01/11/2003	<b>Diploma di master in Environmental Management and Control</b> Scuola Superiore Sant’Anna, 56100, Pisa, Italia ▪ Diploma di master annuale post-laurea in Environmental Management and Control	Master post laurea
01/09/2002	<b>Iscrizione all’Ordine degli Ingegneri - Sezione A</b> Università di Pisa – Facoltà di Ingegneria, 56100, Pisa, Italia ▪ Abilitazione alla professione di Ingegnere	Iscrizione all’Ordine degli ingegneri

01/11/1994-06/06/2002

**Laurea in Ingegneria Civile**

Laurea in Ingegneria

Università di Pisa – Facoltà di Ingegneria,

56100, Pisa, Italia

- Laurea con votazione **110/110 e lode**

**CAPACITA' PERSONALI**

Madrelingua Italiano

Altre lingue

	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
English	C2	C2	C2	C2	C2
Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto					
Spanish	B2	B1	A2	A1	A1
Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto					

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato

[Quadro Comune Europeo di Riferimento delle Lingue](#)

Capacità comunicative

- Buone doti di comunicazione maturate negli anni di insegnamento e attività consulenziale

Competenze organizzative e manageriali

- Leadership (coordinamento di team di ricerca e consulenza di dimensioni 3-20 persone in Italia all'estero)

Capacità informatiche

- Utilizzo professionale di: sistemi operativi e relative suite (Win9x, WinNT, WinXp, Linux, OSX), software statistici (STATA, SPSS), software per la ricerca qualitativa (NVivo, VOSviewer), linguaggi di programmazione (Visual Basic), Software tecnico (AutoCad, CadOverlay, HecRas, MathCad, Origin, Surfer e altri software di calcolo, ArcInfo GIS)

Altri skills

- Viaggiatore appassionato, padre entusiasta

Patenti

- A,B

**INFORMAZIONI AGGIUNTIVE**

Memberships e associazioni

- 02/2017: senior advisor per il meeting G7 sul tema della Resource Efficiency, co-organizzato dalla Presidenza Italiana del G7 e dalla Commissione Europea
- 10/2016 – oggi: Membro della Associazione Italiana Acquisti e Supply Chain Management – ADACI
- 09/2016 – oggi: Membro della Associazione Italiana per la Direzione del Personale – AIDP
- 05/2014 – oggi: Membro della Società Italiana Marketing (SIMktg)
- 11/2013 – oggi: Membro della Società Italiana di Management (SIMA)
- 04/2013 – oggi: Membro del Group for Research on Organizations and Natural Environment (GRONEN)
- 02/2013 – oggi: Membro della European Academy of Management (EURAM)

**Publicazioni**

 Lista completa consultabile presso: [https://scholar.google.it/citations?user=rIS3L\\_QAAAAJ&hl=en](https://scholar.google.it/citations?user=rIS3L_QAAAAJ&hl=en)

Indici di citazione bibliometrica (senza self-citations; dal 2012), ultimo accesso: 12/06/2017

- **Google scholar:** 413 citazioni, H-index: 10; i10-index: 12
- **Scopus:** 223 citazioni, H-index: 9; Documents: 25

**Articoli**

- M. Contini, E. Annunziata, F. Rizzi, M. Frey (2020). Exploring the influence of Corporate Social Responsibility (CSR) domains on consumers' loyalty: An experiment in BRICS countries. *Journal of Cleaner Production*, 247, 119-158.
- F. Rizzi, N.M. Gusmerotti, M. Frey (2020). How to meet reuse and preparation for reuse targets? Shape advertising strategies but be aware of "social washing". *Waste Management*, 101, 291-300.
- G. Aliperti, S. Sandholz, M. Hagenlocher, F. Rizzi, M. Frey, M. Garschagen (2019). Tourism, crisis, disaster: An interdisciplinary approach. *Annals of Tourism Research*, 79, 102808.
- C. Pellegrini, A. Annunziata, F. Rizzi, M. Frey (2019). The role of networks and sustainable intrapreneurship as interactive drivers catalyzing the adoption of sustainable innovation. *Corporate Social Responsibility and Environmental Management*, 26(5), 1026-1048.
- M. Contini, E. Annunziata, F. Rizzi, M. Frey (2019). Consumers' corporate social responsibility and corporate ability associations as predictors of reputation: Developing countries under analysis. *Business Strategy & Development*, 2(3), 228-241.
- J. Cerri, F. Testa, F. Rizzi, M. Frey (2019). Factorial surveys reveal social desirability bias over self-reported organic fruit consumption. *British Food Journal*.
- N.M. Gusmerotti, F. Corsini, T. Testa, F. Rizzi, M. Frey (2019). OUTSOURCING ENVIRONMENTAL SERVICES: NEW INSIGHTS INTO THE FACTORS INFLUENCING THE CIRCULAR ECONOMY. *Environmental Engineering & Management Journal (EEMJ)*, 18(2).
- M. Contini, A. Annunziata, F. Rizzi, M. Frey (2019). Business Strategies in Geothermal Energy Market: A Citizens-Based Perspective. In *Geothermal Energy and Society* (pp. 39-53). Springer, Cham.
- C. Pellegrini, F. Rizzi, M. Frey (2018) The role of sustainable human resource practices in influencing employee behaviour for corporate sustainability. *BUSINESS STRATEGY AND THE ENVIRONMENT*. (in press)
- G. Aliperti, F. Rizzi, M. Frey (2018) Cause-related marketing for disaster risk reduction in the tourism industry: A comparative analysis of prevention- and recovery-related campaigns. *JOURNAL OF HOSPITALITY AND TOURISM*, 37, 1-10.
- M. Pansera, F. Rizzi (2018). Furbish or perish: Italian social cooperatives at a crossroads. *ORGANIZATION*, (in press)
- G. Aliperti, F. Rizzi, M. Frey, (2018). Opportunities from tourism-related initiatives. *The Routledge Companion to Risk, Crisis and Security in Business*.
- J. Cerri, F. Testa, F. Rizzi (2018). The more I care, the less I will listen to you: How information, environmental concern and ethical production influence consumers' attitudes and the purchasing of sustainable products. *JOURNAL OF CLEANER PRODUCTION*, 175, 343-353.
- F. Corsini, F. Rizzi, M. Frey (2018). Institutional legitimacy of non-profit innovation facilitators: Strategic postures in regulated environments. *TECHNOLOGY IN SOCIETY* (in press)
- F. Rizzi, C. Pellegrini, M. Battaglia (2018). The structuring of social finance: Emerging approaches for supporting environmentally and socially impactful projects. *JOURNAL OF CLEANER PRODUCTION*, 170, 805-817
- F. Rizzi, E. Annunziata, M. Frey (2017). The relationship between organizational culture and energy performance: a municipal energy manager level study. *BUSINESS STRATEGY AND THE ENVIRONMENT*, (in press).
- I. Bartolozzi, F. Rizzi, M. Frey (2017). Are district heating systems and renewable energy sources always an environmental win-win solution? A life cycle assessment case study in Tuscany, Italy. *RENEWABLE AND SUSTAINABLE ENERGY REVIEWS*, 80, 408-420.
- F. Gasbarro, F. Rizzi, M. Frey (2017). Sustainable institutional entrepreneurship in practice: Insights from SMEs in the clean energy sector in Tuscany (Italy). *INTERNATIONAL JOURNAL OF ENTREPRENEURIAL BEHAVIOUR & RESEARCH*, (in press)
- F. Corsini, F. Rizzi, M. Frey (2016) Extended Producer Responsibility: the impact of organizational dimensions on WEEE collection from households, *WASTE MANAGEMENT*, 59, 23-29
- F. Gasbarro, E. Annunziata, F. Rizzi, M. Frey (2016). The interplay between sustainable entrepreneurs and public authorities: evidence from sustainable energy transitions. *ORGANIZATION & ENVIRONMENT*, 30(3), 226-252
- F. Corsini, F. Rizzi, M. Frey (2016). Analysing smartness in European cities: a factor analysis based on resource efficiency, transportation and ICT. *INTERNATIONAL JOURNAL OF GLOBAL ENVIRONMENTAL ISSUES*, 15(3), 235-254.
- F. Rizzi (2015). Introduction: Sustainability in a data rich world (Editorial). *Futures*, 74, 78-79.

- NM. Gusmerotti, F. Corsini, F. Testa, F. Rizzi, M. Frey (2015) Outsourcing environmental services: new insights in to the factors influencing the circular economy. ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL
- C. Certomà, F. Corsini, F. Rizzi (2015). Crowdsourcing urban sustainability. Data, people and technologies in participatory governance. FUTURES, 74, 93-106.
- I. Bartolozzi, S. Movridou, F. Rizzi, M. Frey (2015). Life cycle thinking in sustainable supply chains: the case of rubberized asphalt pavement. ENVIRONMENTAL ENGINEERING & MANAGEMENT JOURNAL, 14(5), 1203-1215.
- F. Corsini, F. Rizzi, N.M. Gusmerotti, M. Frey (2015) Extended Producer Responsibility and the Evolution of Sustainable Specializations: Evidences From the e-Waste Sector. BUSINESS STRATEGY AND THE ENVIRONMENT, 24, 466-476.
- F. Rizzi, M. Frey, F. Testa, A. Appoloni (2014). Environmental value chain in green SME networks: the threat of the Abilene paradox. JOURNAL OF CLEANER PRODUCTION, 85, 265-275.
- E. Annunziata, F. Rizzi, M. Frey (2014). Enhancing energy efficiency in public buildings: The role of local energy audit programmes. ENERGY POLICY, 69, 364-373.
- M. Borzoni, F. Rizzi, M. Frey (2014) Geothermal power in Italia: A social multi-criteria evaluation. RENEWABLE ENERGY, Volume 69, 60:73
- F. Testa, F. Rizzi, T. Daddi, N.M. Gusmerotti, M. Frey, F. Iraldo (2014) EMAS and ISO 14001: the differences in effectively improving environmental performance. JOURNAL OF CLEANER PRODUCTION, Volume 68, 165:173
- F. Gasbarro, F. Rizzi, M. Frey (2014) Adaptation Measures of Energy and Utility Companies to Cope with Water Scarcity Induced by Climate Change. BUSINESS STRATEGY AND THE ENVIRONMENT, 25(1), 54-72.
- F. Rizzi, M. Frey (2014) Sustainable co-evolution of environmental regulation and oligopolies: Moving towards a managerial theory of meta-organisational approaches. INTERNATIONAL JOURNAL OF INNOVATION AND SUSTAINABLE DEVELOPMENT, 8(3), 270-289
- E. Annunziata, F. Rizzi, M. Frey (2014) Enhancing energy efficiency in public buildings: The role of local energy audit programmes. ENERGY POLICY, 69, 364-373.
- F. Rizzi, E. Annunziata, G. Liberati, M. Frey (2013) Technological trajectories in the automotive industry: Are hydrogen technologies still a possibility? JOURNAL OF CLEANER PRODUCTION, 66, 328-336.
- F. Rizzi, N.J. van Eck, M. Frey, (2014) The production of scientific knowledge on renewable energies: Worldwide trends, dynamics and challenges and implications for management, RENEWABLE ENERGY, Volume 62, 657-671, ISSN 0960-1481, <http://dx.doi.org/10.1016/j.renene.2013.08.030>.
- Bartolozzi, F. Rizzi, A. Borghini, M. Frey (2013) Life cycle assessment of a rubberized asphalt road in Lamia, Greece, FRESNIUS ENVIRONMENTAL BULLETIN, Volume 22, 7b, 2004-2010, ISSN 1018-4619
- E. Annunziata, M. Frey, F. Rizzi, (2013). Towards nearly zero-energy buildings: The state-of-art of national regulations in Europe, ENERGY, Volume 57, 125–133, ISSN 0360-5442, [10.1016/j.energy.2012.11.049](http://dx.doi.org/10.1016/j.energy.2012.11.049)
- F. Gasbarro, F. Rizzi, M. Frey (2013). The mutual influence of Environmental Management Systems and the EU ETS: Findings for the Italian pulp and paper industry. EUROPEAN MANAGEMENT JOURNAL, vol. 31, Issue 1, 16-26, ISSN: 0263-2373, doi: [10.1016/j.emj.2012.10.003](http://dx.doi.org/10.1016/j.emj.2012.10.003)
- Bartolozzi, F. Rizzi, M. Frey (2013). Comparison between hydrogen and electric vehicles by life cycle assessment: A case study in Tuscany, Italia. APPLIED ENERGY, vol. 101, 103-111, ISSN: 0306-2619, doi: [10.1016/j.apenergy.2012.03.021](http://dx.doi.org/10.1016/j.apenergy.2012.03.021)
- F. Rizzi, I. Bartolozzi, A. Borghini, M. Frey (2012). Environmental Management of End-of-Life Products: Nine Factors of Sustainability in Collaborative Networks. BUSINESS STRATEGY AND THE ENVIRONMENT, 22(8), 561-572, ISSN: 0964-4733, doi: [10.1002/bse.1766](http://dx.doi.org/10.1002/bse.1766)
- M. Battaglia, T. Daddi, F. Rizzi (2012). Sustainable Tourism Planning and Consultation: Evidence from the Project INTER.ECO.TUR. EUROPEAN PLANNING STUDIES, vol. 20, No. 2, 193-211, ISSN: 0965-4313, doi: [10.1080/09654313.2012.650908](http://dx.doi.org/10.1080/09654313.2012.650908)
- Bartolozzi, A. Borghini, M. Frey, F. Rizzi (2012). Cicli integrati per il recupero di energia e materia da rifiuti urbani. Esperienze e valutazioni a confronto. In: M. Frey, P. Ghezzi. Il recupero dei rifiuti. Ricerca, innovazione e sostenibilità nel ciclo integrato. p. 24-33, PISA: Felici Editore, ISBN: 9788860195654
- Frey, M., & Rizzi, F. (2012). Special section: Integrated urban solid waste management. Editorial. ECONOMICS AND POLICY OF ENERGY AND THE ENVIRONMENT. No.3, ISSN 2280-7659, doi: [10.3280/EFE2012-003002](http://dx.doi.org/10.3280/EFE2012-003002)



- F. Rizzi, M. Frey, F. Iraldo (2011). Towards an integrated design of voluntary approaches and standardization processes: An analysis of issues and trends in the Italian regulation on ground coupled heat pumps. *ENERGY CONVERSION AND MANAGEMENT*, vol. 52 (2011), 3120-3131, ISSN: 0196-8904, doi: 10.1016/j.enconman.2011.04.006
- F. Rizzi (2011). La gestione dei pneumatici a fine vita tra vincoli tecnici e di mercato. *GALILEO*, vol. 3, 31-39, ISSN: 1827-7764
- M. Frey, F. Gasbarro, F. Rizzi (2011). Gestione delle performance ambientali e cambiamenti organizzativi: il caso dell'emissions trading scheme nel settore cartario italiano. *QUADERNI DI ECONOMIA DEL LAVORO*, vol. 96, 2011, 13-34, ISSN: 0390-105X
- F. Rizzi, M. Frey (2009). Le energie alternative di Pontedera. *LOCUS*, ISSN: 1827-7772
- F. Iraldo, F. Rizzi (2008). Una mano di colore ecologico. *LARGO CONSUMO*, vol. 4, ISSN: 1121-1385
- F. Iraldo, F. Rizzi (2008). Le certificazioni Ecolabel per settore produttivo. *LARGO CONSUMO*, vol. 4, ISSN: 1121-1385
- M. Frey, F. Rizzi (2008). La geotermia in Italia e nel mondo: dibattito scientifico e segnali di mercato. *ECONOMIA DELLE FONTI DI ENERGIA E DELL'AMBIENTE*, vol. 3, ISSN: 1125-1263, doi: 10.3280/EFE2008-003001

### Libri

- F. Rizzi, E. Annunziata, *Sostenibilità e posizionamento strategico delle imprese*. Milano: FrancoAngeli.
- C. Certomà, M. Dyer, F. Rizzi, L. Pocatilu (edited by) *Citizen Empowerment and Innovation in the Data-Rich City*. New York: Springer
- F. Rizzi (2013). *Smart city, smart community, smart specialization per il management della sostenibilità*. Gestione d'Impresa. Milano: FrancoAngeli.
- F. Rizzi, N.M. Gusmerotti, I. Bartolozzi, A. Borghini (2015). *Riusare i beni e i rifiuti*. Guida operativa per la costruzione dei centri di riuso. Pisa: Edizioni ETS.

### Capitoli di libro

- M. Contini, E. Annunziata, F. Rizzi, M. Frey (2018) *Business Strategies in Geothermal Energy Market: A Citizens-Based Perspective*. In A. Manzella, A. Allansdottir, A. Pellizzone (eds.) *Geothermal Energy and Society* (pp. 39-53). Springer, New York. ISBN: 978-3-319-78286-7.
- G. Aliperti, F. Rizzi, M. Frey (2018) *Cause-related marketing and disaster management: opportunities for tourism-related initiatives*. In K.J. Engemann (ed.) *The Routledge Companion to Risk, Crisis and Security in Business* (pp. 351-363). Taylor and Francis, Abingdon. ISBN 9781317244295
- F. Rizzi, C. Pellegrini, N. Todaro (2017). *Knowledge Dynamics and Resource Efficiency in International Business Relations*. In *Global Opportunities for Entrepreneurial Growth: Coopetition and Knowledge Dynamics within and across Firms* (pp. 199-227). Emerald Publishing Limited.
- C. Certomà and F. Rizzi (2017) "Crowdsourcing process for citizen-driven governance" in *Citizen Empowerment and Innovation in the Data-Rich City* (edited with C. Certomà, M. Dyer, and L. Pocatilu) Springer, New York
- C. Certomà, M. Dyer, F. Rizzi and L. Pocatilu (2017) "Preface" in C. Certomà, M. Dyer, F. Rizzi and L. Pocatilu (eds.) *Citizen Empowerment and Innovation in the Data-Rich City*, Springer, New York
- T. Daddi, M. Frey, F. Iraldo; F. Rizzi; F. Testa (2014). *Integrated Environmental Management Tools for Product and Organizations in Clusters*. In *Eco-Innovation and the Development of Business Models* (pp. 179-200). Springer International Publishing. ISBN: 978-3-319-05076-8
- M. Frey, F. Rizzi (2013). *The management and governance of new service models in the environmental and energy sectors*. In L. Cinquini, A. Di Minin; R. Varaldo (Eds.) *New Business Models and Value Creation: A Service Science Perspective* (pp. 193-213). Springer Milan.
- I. Bartolozzi, A. Borghini, F. Rizzi (2012). *Il recupero della gomma degli pneumatici a fine vita*. In: M. Frey, P. Ghezzi (Eds.) *Il recupero dei rifiuti. Ricerca, innovazione e sostenibilità nel ciclo integrato dei rifiuti*, Vol. 5, p. 60-69, PISA: Felici Editore, ISBN: 9788860195654
- E. Annunziata, I. Bartolozzi, M. Borzoni, M. Frey, F. Rizzi (2012). *Filiere produttive e pianificazione energetica: il caso della filiera idrogeno in Toscana, Italia*. In A. Colicelli; P. Terreni (Eds.) *Progetto H2 filiera idrogeno: risultati e prospettive*, p. 65-74, PISA: Dedizioni, ISBN: 9788895613185



- M. Borzoni, F. Rizzi, M. Frey (2012). Assessing the Sustainability of Energy and Environmental Policies in the Area of the "Green Economy": A Theoretical Review. In: Alfredo Agostoni; Mara Maretti. *Energy Issues and Social Sciences, Theories and Applications*, p. 45-60, Milano: McGraw-Hill, ISBN: 9788838690730
- M. Frey, F. Rizzi (2011). Risorse endogene e sviluppo del territorio: la geotermia nei nuovi scenari di pianificazione. In: M. Lazzeroni; A. Piccaluga. (Eds.) *Dal passato al futuro: Nuove analisi e idee per la città di Volterra*. p. 171-192, LUCCA: Maria Pacini Fazzi, ISBN: 9788865500767
- M. Frey, F. Rizzi (2011). Gestione e governance dei nuovi modelli di servizi nel settore ambientale ed energetico. In: L. Cinquini; A. Di Minin; R. Varaldo (Eds.) *Nuovi modelli di business e creazione di valore: la Scienza dei Servizi*. p. 231-251, MILANO: Springer, ISBN: 9788847018440
- F. Rizzi, F. Testa (2011). Adaptation to market changes in practice: evidences from latent manufacturing clusters in Tuscany. In: A.B. Savarese (Ed.) *Manufacturing Engineering*. p. 37-64, Hauppauge, NY: Nova Science Publishers, Inc., ISBN: 978 1612099873
- M. Frey, F. Rizzi (2008). Non solo Italia: l'applicazione dell'approccio in altre realtà nazionali. In: M. Frey; F. Iraldo (Eds.). *Il management dell'ambiente e della sostenibilità oltre i confini aziendali*. p. 280-315, Milano: Franco Angeli, ISBN: 9788856807639
- T. Daddi, F. Rizzi (2008). Strumenti conoscitivi e sistemi informativi. In: M. Frey; F. Iraldo (Eds.). *Il management dell'ambiente e della sostenibilità oltre i confini aziendali*. vol. 0, p. 95-122, Milano: Franco Angeli, ISBN: 9788856807639

#### Conference Proceedings

- G. Aliperti, F. Rizzi, M. Garschagen, M. Hagenlocher, S. Sandholz, M. Frey, M. (2017). Crisis and disaster in tourism: A contribution towards solving terminological confusion and a proposal for a future research agenda, 4th World Research Summit for Tourism and Hospitality: Innovation, Partnerships and Sharing (Elsevier), Orlando, USA 8-11 December 2017. [https://elsevier.conference-services.net/programme.asp?conferenceID=4177&action=prog\\_list&session=44548](https://elsevier.conference-services.net/programme.asp?conferenceID=4177&action=prog_list&session=44548)
- G. Aliperti, A.M. Cruz, F. Rizzi, M. Frey (2017). Post-Natech management: an investigation of mid-long-term effects of radioactive risk contamination on planned behavior and risk perception of tourists and residents in Japan, 8th Conference of the International Society for Integrated Disaster Risk Management (IDRIM 2017), Reykjavik, Iceland 23-25 August 2017. - <https://www.idrim2017.com/> - Abstract online: <https://www.eventure-online.com/eventure/public/publicAbstractView.form?id=353761&from=result>
- G. Aliperti, A.M. Cruz, F. Rizzi, M. Frey (2017). Damages triggered by large-scale Natech disasters: A side effect of the Fukushima nuclear accident, 3rd International Symposium on Natural and Technological Risk Reduction at Large Industrial Parks (Natech-2017), Osaka University, Osaka (Japan) – 14/03/2017 – [http://www.naoe.eng.osaka-u.ac.jp/~kato/Program\\_Natech2017.pdf](http://www.naoe.eng.osaka-u.ac.jp/~kato/Program_Natech2017.pdf)
- G. Aliperti, F. Rizzi, M. Frey (2017). DRR: toward a Crisis/Disaster Causation Model", From the management of crisis to the governance of risk: Time for a paradigm shift?, School of Public Policy and Management of Tsinghua University, China Institute for Reform and Development and Ash Center for Democratic Governance and Innovation at Harvard Kennedy School. Hainan, China 9-11 January 2017 - <https://www.unisdr.org/we/inform/events/49754>
- G. Aliperti, A.M., Cruz, F., Rizzi, M. Frey (2017). Risk and Uncertainty: A Side-Effect of a Natech Event on Residents in Japan. DPRI Annual Meetings. DPRI Annuals, No. 60 B, 335-342. ISSN 0386-412x
- G. Aliperti, F. Rizzi, M. Frey (2017). Cause-related marketing and disaster management: A comparative analysis between prevention- and recovery-related campaigns, 6th International Conference on Social Responsibility, Ethics and Sustainable Business, Berlin, Germany 28-29 September 2017, Vol. 6, pp. 13-14 - ISSN: 2285-7222; ISSN-L: 2285-7222
- F. Rizzi, E. Annunziata (2017, September). Energy management in Italian municipal public administrations: an organizational cultural perspective. In 10th Annual Conference of the EuroMed Academy of Business.
- F. Rizzi (2015) The role of social advertising in building sustainable markets. In: 14th ABIS ANNUAL COLLOQUIUM, SDABocconi School of Management, Milan, Italia, Ottobre 19-21
- F. Rizzi, C. Pellegrini, M. Battaglia (2015) Social finance: customer-oriented innovation or product for new customers?. In: The R&D MANAGEMENT Conference 2015, Pisa, Italia, Giugno 24-26.
- F. Corsini, F. Rizzi, M. Frey (2015) Institutional legitimacy of non-profit innovation facilitators:

- forms and antecedents in regulated environments. In: The R&D MANAGEMENT Conference 2015, Pisa, Italia, Giugno 24-26.
- E. Annunziata, F. Rizzi, F. Gasbarro, M. Frey (2015) Institutional entrepreneurship for the transition towards an innovative energy sector. In: The R&D MANAGEMENT Conference 2015, Pisa, Italia, Giugno 24-26.
  - F. Gasbarro, F. Rizzi, M. Frey (2015) Sustainable entrepreneurs are running in a steeplechase: evidence from a market transformation in a clean energy sector. In: The R&D MANAGEMENT Conference 2015, Pisa, Italia, Giugno 24-26.
  - F. Gasbarro, E. Annunziata, F. Rizzi, M. Frey (2015). The Role of Sustainable Entrepreneurs within Sustainable Energy Action Plans. In *Academy of Management Proceedings* (Vol. 2015, No. 1, p. 17267). Academy of Management.
  - E. Delbufalo, F. Rizzi, M. Battaglia (2013) Proximity of data and data on proximity: an insight on the remoteness of neighbouring SMEs. In: 8th Conference on Sustainable Development of Energy, Water and Environment Systems. Zagreb: Facoltà di Mechanical Engineering and Naval Architecture, Dubrovnik, Croatia, 22-27 Settembre 2013.
  - E. Annunziata, F. Rizzi, M. Frey (2013) Energy efficiency in public buildings: evidence from Italian municipalities. In: 8th Conference on Sustainable Development of Energy, Water and Environment Systems. Zagreb: Facoltà di Mechanical Engineering and Naval Architecture, Dubrovnik, Croatia, 22-27 Settembre 2013.
  - F. Corsini, F. Rizzi, M. Frey (2013) Exploring aspects of environmental, mobility and economical smartness in European cities: a factor analysis approach. In: 8th Conference on Sustainable Development of Energy, Water and Environment Systems. Zagreb: Facoltà di Mechanical Engineering and Naval Architecture, Dubrovnik, Croatia, 22-27 Settembre 2013.
  - C. Certomà, F. Rizzi, F. Corsini (2013) Crowdsourcing urban sustainability. Data, people and technologies in participatory governance. In: 8th Conference on Sustainable Development of Energy, Water and Environment Systems. Zagreb: Facoltà di Mechanical Engineering and Naval Architecture, Dubrovnik, Croatia, 22-27 Settembre 2013.
  - F. Gasbarro, F. Rizzi, M. Frey (2013) Adaptation measures of energy and utility companies to cope with water scarcity induced by climate change. In: 8th Conference on Sustainable Development of Energy, Water and Environment Systems. Zagreb: Facoltà di Mechanical Engineering and Naval Architecture, Dubrovnik, Croatia, 22-27 Settembre 2013.
  - F. Rizzi (2013) The role of meta-organizations in the evolution of environmental regulation: lessons learnt from two geothermal oligopolies. In: WOA2013 - Organizing in turbulent times: the challenges ahead. Roma: WOA2013, Roma, Italia, 30-31 Maggio 2013. ISBN: 9788867870554
  - F. Rizzi, G. Liberati, E. Annunziata, M. Frey (2012). Technology progress towards a Hydrogen Economy: an international patent analysis. In: VII Conference on sustainable development of energy, water and environmental systems. Skopje: Grafotisk, Ohrid, Macedonia, 01-06 Luglio 2012. ISSN: 1847-7178
  - F. Rizzi, E. Annunziata, M. Frey (2012). Towards zero emission buildings: the state-of-the-art of national regulations in Europe. In: VII Conference on sustainable development of energy, water and environmental systems. Skopje: Grafotisk, Ohrid, Macedonia, 01-06 Luglio 2012. ISSN: 1847-7178.
  - E. Annunziata, F. Rizzi, M. Frey (2012). European Legal Status of the Improvement of Energy Efficiency in Buildings. In: *Proceedings "International Conference on the European Energy Market 2012"*. Piscataway, NJ: IEEE Press, ISBN: 9781467308342, Firenze, 10-12 Maggio 2012, doi: 10.1109/EEM.2012.6254652
  - F. Rizzi, I. Bartolozzi, A. Borghini, M. Frey (2012). Operationalization of producer responsibility principle in Italian end-of-life tire market. In: *International conference Protection and Restoration of the Environment XI - Proceedings*. p. 2686-2695, Thessaloniki: Aristotle Università di Thessaloniki Press, ISBN: 9789609992213, Thessaloniki, 3-6 Luglio 2012
  - F. Rizzi, I. Bartolozzi, A. Borghini, M. Frey (2012). How to operationalize producer responsibility principle in open-loop supply chains: a theoretical framework. In: *International conference Protection and Restoration of the Environment XI - Proceedings*. p. 2676-2685, Thessaloniki: Aristotle Università di Thessaloniki Press, ISBN: 9789609992213, Thessaloniki, 3-6 Luglio 2012
  - Bartolozzi, M. Frey, F. Rizzi, I. Antunes, D. Fornai (2012). The environmental impact assessment of Asphalt Rubber: an interesting application for end of life tires. In: *The ISWA 2012 World Solid Waste Congress*. vol. 2, p. 1065-1074, Firenze: Press Service Srl, ISBN: 9788890769429, Firenze, 17-19 Settembre 2012
  - F. Corsini, M. Frey, F. Rizzi (2012). Recent trends in E-waste research: A bibliometric map approach. In: *World Congress on Sustainable Technologies - Proceedings*. p. 103-106, Piscataway, NJ: Institute of Electrical and Electronics Engineers (IEEE), ISBN:

- 9781908320094, Londra, 19-22/11/2012
- Bartolozzi, F. Rizzi, A. Borghini, M. Frey (2011). Life cycle assessment of rubberized asphalt road pavement in Lamia, Greece. In: -. Proceedings of the Third International Conference on environmental management, engineering, planning and economics. Skiathos, Greece, Giugno 19-24, 2011, p. 897-903, Thessaloniki: Grafima Publ., ISBN: 9789606865435
  - Bartolozzi, F. Rizzi, M. Frey (2011). Comparison between hydrogen and electric vehicles by life cycle assessment. In: Proceedings of the 6th UNESCO Dubrovnik conference on sustainable development of energy, water, and environment systems. ZAGREB: Printera, ISBN: 9789537738136, Dubrovnik, Croatia, Settembre 25-29, 2011
  - F. Gasbarro, F. Rizzi, M. Frey (2011). The mutual influence of Environmental Management Systems and European Emission Trading Scheme on corporate environmental planning: a multiple case study analysis of the Italian pulp and paper industry. In: 6th Dubrovnik conference on sustainable development of Energy, Water and environment systems. ZAGREB: Printera, ISBN: 9789537738136, Dubrovnik, Croatia, Settembre 25-29, 2011
  - F. Rizzi, M. Borzoni (2010). An evolutionary Triple Helix to strengthen energy regulation: implications for management. In: -. World Energy Congress 2010 - Congress Proceedings. Montreal, Canada, Settembre 12-16, 2010, London: World Energy Council, ISBN: 9780981046334
  - G. Buonasorte, F. Rizzi, G. Passaleva (2010). Direct uses of geothermal energy in Italia 2005-2009: update report and perspectives. In: Proceedings World Geothermal Congress 2010. Bali: WGC, ISBN: 9780080433356, Bali, 25-29 Aprile 2010

## ESPERIENZE DI RICERCA

### Progetti di ricerca

#### Progetti europei:

- [Marzo 2018 – Giugno 2018] Valutatore esperto dei vocational training programmes nell'ambito della EACEA Sectors Skills Alliance selection 2018 Initiative
- [Marzo 2018 – oggi] Life+ TACKLE: Main topics: environmental management in European football stadiums
- [Gennaio 2018 – oggi] H2020 S-PARCS: Main topics: business models for circular economy, environmental performance management and control.
- [Novembre 2017 – oggi] Erasmus+ Bliskillsup
- [Ottobre 2017 – oggi] Erasmus+ Teaching 2030
- [February 2017 - oggi] ricercatore affiliato al progetto H2020 GEMEX, responsabile per il coordinamento scientifico del task 7.4 sulla gestione della social acceptance dei progetti geotermici
- [Novembre 2015 – Gennaio 2016] senior researcher in Life+ IRIS. Key topics: Corporate risk assessment and adaptation to climate change, resilience at corporate and inter-firm levels.
- [Giugno 2013 – Giugno 2016] senior researcher in VII Framework Programme MARSOL "Demonstrating Managed Aquifer Recharge as a Solution to Water Scarcity and Drought". Key topics: market assessment of innovative water management tools.
- [Novembre 2012 – Novembre 2016] Italian representative designated by Ministry of Education, Universities and Research (MIUR), member of the Management Committee and leader of the WP2 on "Knowledge Platform" for the EC COST Action TU1204 "People Friendly Cities in a Data Rich World".
- [Settembre 2012 – Agosto 2016] senior researcher (coordinator) in Life+ PRISCA "Pilot project for scale re-use starting from bulky waste stream". Key topics: design of waste reuse centers, business models for reuse, bulky streams logistics, integration of formal and informal markets
- [Maggio 2012 – Ottobre 2012] Valutatore esperto sul tema della environmental footprint and emission management nell'ambito della EC CleanSky Joint Technology Initiative
- [Marzo 2012 – Agosto 2015] senior researcher (coordinator) in EC IEE "Regeocities" (Regulations of Geothermal HP systems at local and regional level in Europe). Key topics: identification of GSHP best practices, design of actions for removing the regulatory barriers of GSHP in European regions
- [Gennaio 2013 – Settembre 2013] EC tender "Environmental impacts of renewable energy". Key topics: literature review and multi-criteria assessment of environmental impacts of renewables.
- [Settembre 2010 – Settembre 2013] senior researcher (coordinator) in Life+ ROADTIRE "Integration of end-of-life tires in the life cycle of road construction". Key topics: market assessment, life cycle assessment and SWOT analysis of end of life tire applications, supply chain management.

- [Dicembre 2010 – Giugno 2013] senior researcher in FP7 BAT4MED “Boosting Best Available Techniques in the Mediterranean Partner Countries”. Key topics: assessment and implementation of Best Available Techniques, industrial environmental performance monitoring and control.
- [Novembre 2010 – Novembre 2013] senior researcher in Life+ LAIKA “Local Authorities Improving Kyoto Actions”. Key topics: Climate action plan, Kyoto protocol, urban sustainability
- [Luglio 2012 – Febbraio 2013] European Bank for Reconstruction and Development Assignment “Sustainable resource and process management in the chemical and agribusiness sectors in CEI Region”. Key topics: development and testing of a multi-criteria methodology for assessing the bankability of sectorial projects.
- [Ottobre 2011 – Dicembre 2014] senior researcher in Life+ BRAVE “Better Regulation Aimed at Valorizing EMAS”. Key topics: eco management and audit scheme, eco management of industrial clusters
- [Giugno 2010 – Maggio 2013] senior researcher in RES MAR “Resau pour l’Environnement dans l’Espace Maritime”, Fondo europeo Italia-Francia “Marittimo”. Key topics: sharing of best practices for sustainable development, eco management of industrial clusters
- [Ottobre 2009 – Settembre 2012] senior researcher in CIP IMAGINE “Innovations for a MAde Green IN Europe”. Key topics: eco management in industrial clusters, life cycle thinking.
- [Maggio 2009 – Novembre 2011] senior researcher in MED Programme “MED-IPPC-NET”. Key topics: implementation of the European IPPC Directive in the MED area, best available techniques assessment, promotion of sustainable regional development.
- [Gennaio 2009 – Dicembre 2011] senior researcher in Life+ ECCELSA “ECAP application based on Cluster Experiences and Local SME-oriented Approaches” - LIFE-Plus programme. Key topics: Governance “Pilot Group” to co-ordinate the implementation of the cluster approach, implementation of the environmental legislation compliance applicable to SMEs
- [Novembre 2008 – Novembre 2010] senior researcher in DG Enterprise and Industry COSMIC “CSR-Oriented Supply-chain Management to Improve Sustainability” - European Commission DG Enterprise and Industry. Key topics: analysis of relationships between Corporate Social Responsibility (CSR) and competitiveness
- [Giugno 2008 – Giugno 2009] senior researcher in VI Framework Programme EMPIRE “Environmental regulation and Market-forces Providing Incentives for Resource Efficiency”. Key topics: impact of environmental regulation on corporate competitiveness
- [Novembre 2006 – Novembre 2009] senior researcher in MED – PACT PAMLED “Partnerships Among European and Mediterranean Municipalities for Local Economic Development”. Key topics: sharing of best practices for urban sustainability.
- [Marzo 2006 – Luglio 2008] senior researcher in EC - DG Enterprise and Industry COOPERATE “Companies OPERating in a Responsible Area and with Transparent Ethics”) Key topics: corporate governance, CSR management in industrial cluster, health and safety management
- [Giugno 2005 – Giugno 2007] senior researcher in LIFE Third-Countries “Marrakech Environmental Management Audit Scheme”. Key topics: sharing of best practices for urban eco management.
- [Maggio 2005 – Luglio 2006] senior researcher in Inter.Eco.Tur Project (“Interreg Eco Turismo”), TREND - INTERREG III Action Programme. Key topics: multiplier effects of research networking, optimal use of resources, improvement of infrastructures in today’s cultural and natural environment
- [Gennaio 2005 - Marzo 2006] senior researcher in EcoSind ESEMPLA “Expérimentation de l’utilisation d’EMAS pour le suivi et la planification locale environnementale”. Key topics: sustainability, voluntary approaches, environmental management and control in industrial clusters, application of environmental policy instruments, environmental reporting, tanning industry, textile industry
- [Novembre 2003 - Febbraio 2006] senior researcher in EC-LIFE PIONEER “Paper Industry Operating in Network: an Experiment for Emas Revision”. Key topics: EMAS, environmental management in industrial clusters, corporate governance, industrial policies, integrate auditing, energy saving, emission trading system. Consultancy activity to 22 public and private organizations for the implementation and auditing of environmental and/or integrated management systems (HQE).

**Principali progetti nazionali:**

- [Gennaio 2020 – oggi] Progetto Circular Tool per la valutazione della circolarità a livello corporate e di prodotto per conto di ENEL.
- [Luglio 2019 - oggi] project manager del progetto CIDALab, relativo alla realizzazione di



- ricerche sui temi della gestione aziendale nelle fasi post-disastro.
- [Luglio 2018 – oggi] Supporto al Comune di Corciano nella progettazione funzionale e gestionale del Centro del Riuso comunale.
  - [Ottobre 2017 – Dicembre 2017] project manager della valutazione dell'iniziativa di supporto manageriale della Confederazione Italiana Dirigenti e Alte professionalità – CIDA relativa al "Progetto per la ripresa economica dei territori colpiti dal terremoto in Umbria"
  - [Novembre 2015 - oggi] project manager in FAR-FAS "SIGS". Key topics: consumer attitude towards prosumerism in the field of renewable energy; business models for sustainable energy services
  - [Settembre 2015 - oggi] project manager in providing assistance to Leroy Merlin Italia in the implementation of a change management process.
  - [Luglio 2014 – oggi] project manager in "Geo4P", funded by MISE-DG.RME and Tuscany Region. Key topics: entrepreneurial dynamics in energy cooperatives, citizen empowerment, business models for sustainable energy services.
  - [Luglio 2013 – Maggio 2015] project manager in "BioPower", Tuscany Region - POR CREO 2007-2013. Key topics: market assessment, supply chain management and business model assessment in the field distributed biomass energy generation
  - [Maggio 2015 – Ottobre 2015] project manager in the set-up of the tendering process at ATO-Costa, Tuscany, in the framework of the national reform of urban waste management services
  - [Aprile 2013 – Settembre 2013] project manager in the assessment of Italian WEEE trends and supply chain structure for Ecolight
  - [Novembre 2012 – Novembre 2015] senior researcher in GOESE project "Global Observatory on the Evolution of the Sustainable Enterprise" – PRIN.
  - [Settembre 2012 – oggi] senior researcher PRIN 2010-2011 GOESE (Global Observatory on the Evolution of the Sustainable Enterprise).
  - [Settembre 2012 – Aprile 2015] project manager in Project "Asicart", Tuscany Region - POR FSE 2007-2013. Key topics: analysis of technology innovation systems and regional industrial networks in the field of renewable energy
  - [Gennaio 2012 – oggi] project manager in Energea srl. Key topics: management of sustainability in the geothermal sector
  - [Aprile 2011 – oggi] project manager in the implementation of a waste management system in UniCoop Tirreno, an action research approach
  - [Ottobre 2011 – Ottobre 2013] advisor in the socio-economic assessment of integrated water management scenarios in Lucca, Italia
  - [Settembre 2010 – Aprile 2013] project manager in PRAA– Environmental Action Programme, Tuscany Region – "Compare". Key topics: performance assessment for waste management, resource efficiency, organizational impact of technology innovation.
  - [Settembre 2010 – Aprile 2013] project manager in PRAA– Environmental Action Programme, Tuscany Region – "ValRif". Key topics: cost efficiency in waste management, integrate waste management planning.
  - [Giugno 2012 – Gennaio 2013] Assignment "Discarica di Ca' Fissine". Key topics: feasibility assessment of a landfill in Veneto region.
  - [Settembre 2008 – Dicembre 2011] project manager in the development of the "Tuscany H2-Cluster" (Fileria H2, Tuscany Region). Key topics: H2 economics, LCA, LCC, Industrial symbiosis and eco-industrial development, MCA, pricing methodologies
  - [Gennaio 2006 – Dicembre 2011] Project manager and Member of the Steering Committee of the International Centre of Excellence for the Geothermal of Larderello (until 12/2011) and Energea (since 01/2012). Key topics: action research, high and low enthalpy systems, district heating/cooling, integrated RES technologies, innovation and technology transfer
  - [Marzo 2007 – Ottobre 2010] project manager in the development of methodologies and tools for the self-assessment and the improvement of the energetic performance for the industrial and non-industrial actors in the Province of Grosseto, Italia (projects "GRAAL" and "MUSE", Tuscany Region). Key topics: energy efficiency, communication, awareness management
  - [Aprile 2009 – Aprile 2010] project manager in the life-cycle assessment of environmental performances of helicopters, Agusta Westland for: Key topics: LCA, GHG emissions, life cycle performances
  - [Gennaio 2009 – Aprile 2009] Technical support to Tuscany Region for the drafting of the Guidelines for Environmental Impact Assessment of Wind Farms
  - [Giugno 2008 – Agosto 2009] project manager in the design of a Virtual Organization for the transfer of food-traceability technologies between ICT companies and food companies in Grosseto (Project "TRACK", Tuscany Region). Key topics: Virtual Organizations, technology assessment, food traceability

- [Aprile 2006 - Ottobre 2006] Project developer of the International Centre of Excellence for the Technology Transfer (CITT) in RES field. Key topics: biomass energy systems, solar thermal and photovoltaic systems, wind farms, H2 economics, innovation and technology transfer
- [Dicembre 2005 - Settembre 2007] Senior researcher in waste management for the industrial cluster of Prato (project PRAA "RIPRENDI", Tuscany Region). Key topics: technological offer/demand, service development strategies, design of local and industrial policies
- [Novembre 2004 – Aprile 2006] Teacher in the master "Environmental Management and Control", Scuola Superiore Sant'Anna
- [Novembre 2004 - Luglio 2005] Consulente within an inter-university network (Sant'Anna-Politecnico di Milano) to the Italian Ministry of Environment for the development of the national Observatory on IPPC application. Key topics: IT implementation, multi-stakeholder analysis, environmental data management, environmental communication
- [Marzo 2004 - Gennaio 2005] Consulente to ASM SpA for the assessment of the economical and financial feasibility of a waste-to-energy plant in Prato (Italia). Key topics: Waste to Energy technologies, end-of-pipe technologies, multi-scenario performance assessment
- [Novembre 2003 - Gennaio 2005] External support to Bocconi University to promote innovation in industrial clusters, to assess strategies for sustainable development, to spread the adoption of voluntary environmental management systems (ISO, EMAS) on behalf of the Environmental Department of Tuscany Regional Government
- [Aprile 2004 - Novembre 2004] Member of a team of researchers led by Bocconi University for the definition of the Regional Energy Plan 2005 on behalf of the Environmental Department of Tuscany Regional Government

### Consulenza

Principali clienti:

Agusta Westland, Acea, Bekers, Bibi, Cala de' Medici, Cartiera Lucchese, Cisa, Cosvig, European Commission, Comprital, Comune di Lucca, Comune di Pisa, Dollmar, Electrawinds, Eni, Gallione, Galsi, Geothermal European Energy Research Alliance, Knauf Group, Intervet, La Magona d'Italia (Arcelor-Mittal), Mutti, Officinae Verdi, Pratorosso, Provincia di Firenze, Provincia di Grosseto, Provincia di Lucca, Publiambiente, Shell, Sterilgarda, Pata, Terre Uomini Ambiente, Teseco, UniCoopTirreno, Waste Recycling

### Conferenze e seminari

- Invitato come relatore presso più di 50 conferenze pubbliche e seminari (principali temi: management of sustainability; innovation management; competitiveness of SMEs)
- Speaker o chairman in più di 10 conferenze scientifiche internazionali (induce: Strategic Management Society, R&D Management Conference, ABIS-Academy of business in society, Global Innovation and Knowledge Academy, Academy of Management, Sustainable Development of Energy Water and Environment Systems, Corporate Responsibility Research Conference, Accademia Italiana di Economia Aziendale, European Academy of Management, World Energy Conference, International Conference on Environmental Management Engineering Planning and Economics, Workshop dei docenti e ricercatori di organizzazione aziendale, World Geothermal Conference, International Conference on the European Energy Market), con presentazione di più di 30 paper di ricerca.

### Premi

- Best paper della Sezione "International marketing" con l'articolo "Consumers' perception of company's CSR activities: an empirical comparison between different domains of responsibility" alla SIM Conference 2018, Bari
- Best paper della Sezione "Sustainability marketing" con l'articolo "The effect of companies' short- and long-term promotion strategies to foster pro-environmental behaviors in the energy sector" alla SIM Conference 2018, Bari
- European Commission - Best Life+ 2015 award for the project PRISCA "Pilot project for scale re-use starting from bulky waste stream"
- 2015 Emerald/EMRBI Business Research Award for Emerging Researchers, Highly commended certificate
- Elected coordinator of the Knowledge Platform of the COST TU 1204 Action "People friendly cities in a data-rich world", Dublin, Ireland
- Invited as member of the Scientific Advisory Board of the SDEWES Conference on Sustainable Development of Energy, Water and Environment Systems, Dubrovnik, Croatia
- Elected work programme leader within the Joint Programme on Economic, Environmental and Social Impacts of Energy Policies and Technologies of the European Energy Research Alliance, Brussels, Belgium

- Elected Working Group coordinator for "Non technical issues for deep geothermal projects" by the European Geothermal Energy Council, Brussels, Belgium
- Elected coordinator for SP "Environmental, socio-economic and risks assessment" by the Geothermal European Energy Research Alliance, Brussels, Belgium

#### Altre posizioni e incarichi accademici

- [Ottobre 2018] Membro del Comitato Scientifico della 4th International Conference on Energy for Sustainability - Designing a sustainable future, Torino, Italia, 24-26 Luglio 2019
- [Ottobre 2018] Esperto esterno per la valutazione di progetti di ricerca transazionali nell'ambito del programma "Research collaboration in transition and growth countries", gestito dalla Danida Fellowship Centre per conto del Consultative Research Committee for Development Research and the Danish Ministry of Foreign Affairs
- [Ottobre 2018] Membro della commissione per la valutazione di domande per assegni di ricerca riservati a studiosi intra-UE o extra-UE presso l'Università degli Studi di Firenze
- [Aprile 2018 - oggi] Membro del Comitato Scientifico del Umbria Green Festival
- [Marzo 2017 - oggi] Membro dell'International Advisory Group per il progetto "Benefiting all – enhanced socio-cultural and environmental outcomes through smart marine urban design", University of Waikato, New Zealand
- [Marzo 2017] Membro della Commissione di valutazione per l'abilitazione all'esercizio delle professioni di Dottore Commercialista ed Esperto Contabile presso la sede dell'Università di Perugia
- [Ottobre 2016] Membro del Comitato Scientifico di ADACI "Associazione Italiana Acquisti e Supply Management"
- [Ottobre 2016] Membro di AIDP "Associazione Italiana per la Direzione del Personale"
- [Luglio 2013] Membro del Consiglio Direttivo del Centro di Ricerca Interuniversitario per le Biomasse da Energia "CRIBE".
- [Settembre 2013 – oggi] coordinatore del Work Programme 1.3 "Understanding how energy technologies and energy practices should be deployed in society" within the Sub Programme 1 "Public Perception and Engagement", Joint Programme on Economic, Environmental and Social Impacts of Energy Policies and Technologies of the European Energy Research Alliance, Brussels
- [Marzo 2013 – oggi] International Journal of Business and Management – Membro del editorial board
- [Dicembre 2012 – oggi] International Journal of Green Economics and Production – membro del editorial board
- [Ottobre 2012 - oggi] Membro dello Scientific Committee nella SDEWES Conference (Sustainable Development of Energy, Water and Environment Systems), Dubrovnik, Croatia
- [Ottobre 2011 – oggi] coordinatore del SP5 "Environmental, socioeconomic and risks assessment" presso la Geothermal European Energy Research Alliance, Brussels
- [Gennaio 2009 – oggi] coordinatore del FG3 "non technical barriers" nell'ambito della European Technology Platform – Renewable Heating & Cooling (European Geothermal Energy Council, Brussels).
- [Settembre 2014] Invited lecturer presso la think tanks sul tema "Smart Cities and the Socially Responsible Firm - New Research Opportunities", organizzato a Madrid dalla Strategic Management Society
- [Febbraio 2011 – Marzo 2011] external auditor del programma della Regione Piemonte "Regime di aiuto per la qualificazione e il rafforzamento del sistema produttivo piemontese", FinPiemonte
- [Ottobre 2009 – Novembre 2009] valutatore esperto per il European Programme Greece-Cyprus "Framework Programme for Research, Technological Development and Innovation 2009 – 2010 of The Research Promotion Foundation", European Research Programmes and International Cooperation Unit - Research Promotion Foundation
- Reviewer per i journal Cities, Climate Policy; Economics and Policy of Energy and the Environment; Energy; Energy Conversion and Management; Energy Policy; Energy Research and Social Science; European Planning Studies; Geothermics; International Journal of Business Management; International Journal of Life Cycle Assessment; International Journal of Engineering, Science and Technology; International Journal of Technology Management; Management Decision; Journal of Cleaner Production; Journal of Management and Governance; Journal of Retailing and Consumer Services; Public Management Review; Sustainable development; Technological Forecasting and Social Change; Waste Management, and other international scientific journals
- Reviewer per le conferenze scientifiche internazionali: Euram; Global Innovation and Knowledge Academy; International Conference on Efficiency, cost, optimization, simulation and environmental impact of energy systems; International Conference on Sustainable Development of Energy, Water and Environment Systems; WOA; World Energy Congress
- Membro del Editorial Board presso International Journal of Business Management e International Journal of Green Economics and Production
- Guest editor in Energies, special issue on "Sustainability assessment of energy technologies and



energysystems”, 2019

- Guest editor in Sinergie – Italian journal of management, special issue on the 2018 ADACI SMART Conference
- Guest editor in Futures, special session on “Sustainability in a data rich world”, 2015

## Formazione accademica

Corsi accademici:

- [Settembre 2016 – oggi] Docente del corso “Qualitative research methods”, “Management theories” e “Sustainability management” presso il PhD in Economics, Università di Perugia
- [Settembre 2016 - oggi] Titolare del corso “Human resource management” A.A. 2016/2017, bachelor in business economics, Terni, Università di Perugia (in Inglese)
- [Febbraio 2016 - oggi] Titolare del corso “Economia e gestione delle imprese” e “Strategie organizzative e competitive di impresa” A.A. 2015/2016, bachelor in business economics, Terni, Università di Perugia
- [Febbraio 2016 – Aprile 2017] Titolare del corso “Strategie organizzative e competitive di impresa” A.A. 2015/2016, bachelor in business economics, Terni, Università di Perugia
- [Settembre 2014 – oggi] Docente del corso di sustainability management presso il PhD “Management, Innovation, Services and Sustainability”, curriculum in “Change and complexity management” della Scuola Superiore Sant’Anna- Gran Sasso Science Institute (in English)
- [Giugno 2014 – Settembre 2016] “Cultore della materia” in “Energy and environmental economics” per gli anni accademici 2013/2014-2014/2015-2015/2016, Università Cattolica del Sacro Cuore, Milan, Italia
- [Novembre 2016 – oggi] Docente di “Self Employability and strategic human resource management” e “Global renewable energy market, context, policies, trends and challenges” presso la School of Global Generation erogata in collaborazione tra ENEL e Scuola Superiore Sant’Anna
- [Gennaio 2014 - oggi] Docente di innovazione nel settore energetico nel “Executive Master in Environment Innovation & Management” presso la LUISS Business School, Roma, Italia
- [Novembre 2013 – oggi] Docente di supply chain management e sustainable management presso la Master (laurea magistrale) in Innovation Management, Scuola Superiore Sant’Anna-Università di Trento (in Inglese)
- [Settembre 2013 – Ottobre 2015] Docente di business strategies in smart cities presso il Master “Smart Solutions - Smart Communities”, Scuola Superiore Sant’Anna (in Inglese)
- [Gennaio 2012 – oggi] Docente di innovation management e sustainability management presso il PhD “Management, Innovation, Services and Sustainability”, Scuola Superiore Sant’Anna (in Inglese)
- [Marzo 2012 – Marzo 2015] Docente di business strategies in smart cities presso il Master Mains (Management, Innovation and service engineering), Scuola Superiore Sant’Anna
- [Novembre 2005 – oggi] Docente di sustainability management presso il Master in Environmental Management and Control, Scuola Superiore Sant’Anna
- [Gennaio 2012 – Giugno 2012] Tutor scientifico per lo sviluppo di laboratori didattici sul tema dei smart grid services presso il Master of International Business (MIB), Università Cattolica del Sacro Cuore, Milano, Italia
- [Novembre 2011 – Dicembre 2011] Teacher of “Waste management in urban areas” in the Master “Urban Planning and Development” at Tongji University, UNEP, Shanghai (in English)
- [Gennaio 2011 – Dicembre 2015] Membro del Collegio dei Docenti dell’Istituto di Management, Scuola Superiore Sant’Anna
- [Novembre 2003 - oggi] Docente in corsi post-lauream sui temi dello sviluppo sostenibile, strumenti di normazione volontari, mercati flessibili (incluso ETS), energy management, quality & EHS management systems (circa 40-60 ore/anno).

Altri corsi:

- [Novembre 2003 - oggi] Teacher in more than 30 executive training initiatives on business strategy and sustainability management.

Tutorship

- [Gennaio 2016 – oggi] Supervisor di 12 studenti nel corso di laurea triennale e 5 nel corso di laurea magistrale di business economics, Università di Perugia
- [Settembre 2015 – oggi] Supervisor di 3 students nel “Executive Master in Environment Innovation & Management”, LUISS Business School, Roma, Italia
- [Novembre 2014 – oggi] Supervisor 1 PhD student nel Executive Doctorate of Business

- Administration (DBA), Scuola Superiore Sant'Anna - Grenoble Ecole de Management (GEM).
- [Giugno 2014 – Ottobre 2014] Supervisor di 1 studente nel Master “Smart Solutions - Smart Communities”, Scuola Superiore Sant'Anna
  - [Marzo 2014 – oggi] Supervisor di 7 students nella laurea magistrale in Innovation Management, Scuola Superiore Sant'Anna-Università di Trento
  - [Giugno 2013 – oggi] Scientific tutor nei laboratori didattici del Master in Environmental Management and Control, Scuola Superiore Sant'Anna
  - Aprile 2013 – oggi] Supervisor di 2 students presso il Master Mains (Management, Innovation and service engineering), Scuola Superiore Sant'Anna
  - [Marzo 2013 – oggi] Scientific tutor nei laboratori didattici sui temi “Services and technologies for smart cities and extra urban areas - Personal mobility” e “ Smart mobility” presso il Master Mains (Management, Innovation and service engineering), Scuola Superiore Sant'Anna
  - [Settembre 2011 – oggi] Supervisor di 5 PhD students nel PhD “Management, Innovation, Services and Sustainability”, Scuola Superiore Sant'Anna
  - [Aprile 2005 – oggi] Supervisor di 19 studenti nel Master in Environmental Management and Control, Scuola Superiore Sant'Anna

- Referenze**
- Prof. Marco Frey, Scuola Superiore Sant'Anna, Director of the Institute of Management
  - Prof. Fabio Iraldo, Scuola Superiore Sant'Anna and IEFER Research Fellow
  - Prof. ML Rhodes, Trinity College Dublin, Director of the School of Business

DICHIARAZIONE SOSTITUTIVA DI ATTO DI NOTORIETA'  
(Artt. 19 e 47 D.P.R. 28.12.2000 n. 445)

Il sottoscritto dichiara sotto la propria responsabilità che quanto ivi dichiarato corrisponde a verità.

Il sottoscritto dichiara di essere a conoscenza delle sanzioni penali cui incorre in caso di dichiarazione mendace o contenente dati non più rispondenti a verità, come previsto dall'art. 76 del D.P.R. 28.12.2000, n. 445.

Pisa, 24/11/2022

Francesco Rizzi