

PERSONAL INFORMATION

Paolo Azzurro



📍 Via Franco Bolognese 10, 40129 Bologna, Italy

☎ +39 051.2096142 📠 +39 339.1499351

✉ paolo.azzurro2@unibo.it; p.azzurro@gmail.com

🌐 <https://www.unibo.it/sitoweb/paolo.azzurro2/>

🌐 LinkedIn <https://www.linkedin.com/in/paolo-azzurro-a1872011>

Sex Male | Date of birth 07/10/1971 | Nationality Italian

WORK EXPERIENCE

From March 2015
(ongoing)

Research Fellow at UNIBO (Italy)

Department of Agricultural and Food Sciences, University of Bologna, Italy - <http://www.distal.unibo.it>

Main activities, responsibilities and issues addressed: Research activities in the field of food and non-food waste prevention; identification and assessment of potential measures and strategies to foster food waste prevention from the perspective of ATERSIR (the Emilia-Romagna region's water and waste services agency); PAYT schemes, separate waste collection systems, waste recycling, reuse and preparation for reuse; public tenders for municipal waste management services, GPP applied to municipal waste management services; elaboration of guidelines addressed to the EU Commission on food waste prevention policies (within the FUSIONS EU Project); analysis of EU policies impacting on food waste generation (within the FUSIONS EU Project); analysis of the circular economy package and provision of comments and proposals (addressed to the Italian Ministry of Environment) related to the proposed EU Directives on waste, WEEE and packaging; collaboration (various activities) within the Italian Scientific-Technical Committee for the implementation of the national waste prevention programme; consultancy services (addressed to the Italian Ministry of Environment) related to the national Law on food waste prevention (Law 166/2016); design of voluntary agreements to foster food waste prevention (at regional level).

Business or sector University

From Sept. 2011 to
Sept. 2013

External advisor

AGRECO GEIE - Avenue Louise 251, Box 23 1050 Brussels - Belgium

Main activities and responsibilities: Independent expert evaluator for EU Projects (LIFE + Environment Policy and Governance strand) for the EU Commission

Business or sector Preparation, implementation and evaluation of large-scale studies and projects in the field of biodiversity conservation and natural resources management.

From January 2010 to
December 2012

External consultant in projects management and evaluation at Last Minute Market Srl, Bologna - Italy

Last Minute Market Srl, Bologna - Italy <http://www.lastminutemarket.it/>

Main activities and responsibilities: Feasibility assessment, design, development and delivery of the "Spreco Zero" (Zero waste) certification scheme.

Business or sector Food and non-food waste prevention projects

LMM provides services addressed to private enterprises and public institutions in order to prevent and reduce waste production at its origin. It also develops innovative services for the recovery and reuse of unsold goods.

From 2000 to 2009

Chairman

GARWER Srl (Global Access to Recycle World and Eco-resources)

Main activities and responsibilities:

Chairman and Administrator - Definition of the business goals and strategy; supervision of activities; evaluation of results towards fixed goals and objectives; human resources and stakeholders' management.

ICT (Information and communication technologies) - Systems designer and supervisor of web services: www.borsarifiuti.com and www.wastexchange.co.uk (international B2B trading platform for recyclable materials with more than 10.000 registered business users from 40 different countries);

Daily update of the web sites contents (see the main content sections below):

News section: news related to waste management (WM) (main topics covered: legislation, innovative WM techniques and technologies, market trends, scrap prices trends, innovative projects on WM, recycling facilities, regional, national and EU funding instruments for the environment)

Events section: forthcoming events related to WM: conferences, conventions, exhibits, seminars, workshops and trade shows.

Download section: publications and reports on WM: national and European legislation and regulation; studies, report and other kind of publications on WM (e.g.: WM guidelines, state-of-the-art-reports, reports related to WM projects, market researches and statistics, etc...) focusing on different kind of scraps (tyre and rubber, plastics, WEEE, wood, paper and cardboard, metals, end-of-life vehicles, construction and demolition waste, batteries, oils and fats, sludge, etc...) and treatment types (waste to energy, landfill, recycling, composting, anaerobic digestion, mechanical biological treatment etc...)

TO-TR section: technology offers and requests (TO-TR) related to WM.

Links section: relevant web sites and resources on WM organized in different categories (European Institutions and agencies, European organisations and federations, world institutions and organisations, national recycling organisations, battery recycling, plastics recycling, wood recycling, end-of-life vehicles recycling, weee, etc...)

Newsletter: biweekly newsletter (selection and evaluation of the contents, production and delivery):

Helpdesk: Technical supervisor to the registered users for the use of trading services available on the web sites.

Consulting: Evaluator and auditor of WM plans; developer of effective collection strategies for the private sector; Materials recovery facility (MRF) evaluation and optimization; consulting for the application of the national waste management legislation; market researches on products manufactured with recycled materials.

Communication & marketing: Designer and supervisor of communication tools;

Recyclable/recycled waste/materials brokerage: Reallocation on the market of recyclable materials, logistics services, contracts editing.

Technical Manager for delivering services required by the Italian National Agency for New Technologies, Energy and the Environment (ENEA)

2007-2008 Service contract for the technical support on the definition and management of the National Action Plan for Green Public Procurement of the Italian public administrations and chain studies implementation.

2002-2003 Service contract for the definition of the functional specifications of the eLCA2 web site (<http://elca2.bologna.enea.it>).

2002 Service contract for the organization and management of the seminar "*Environment Policy and Innovative Technology: the Technology Transfer in Europe*", at Ecomondo trade fair, Rimini – Italy

Writing funding proposals:

2008 - FP 7 Work Programme: Environment - thematic area 6.3.1.3. Waste
 Project title: TOWIN - Toward Zero Waste
 Project coordinator: ENEA
 Project description: Development of pan-European waste-prevention tools
 Project shortlisted.

2007 - FP 7 Work Programme: Environment thematic area 6.3.1.3. Waste
 Project title: EURAS
 Project coordinator: ENEA
 Project description: Developing cost-effective and environmentally-safe waste treatment technologies
 Project shortlisted.

2004 - Regional funding (Abruzzo Region, Italy): Docup- Pit Ambito Sulmona, Asse 2, measure 2.3 action 2.3.1a -
"Sostegno alla domanda da parte di PMI, in forma singola e aggregata, per la realizzazione di Programmi di Ricerca"
 Project description: market research on eco-sustainable products, design and implementation of e-commerce web site for eco-sustainable products.
 Project financed

2004 - Regional funding (Abruzzo Region, Italy): Docup- Pit Ambito Sulmona, Asse 2, measure 2.3 action 2.3.1b -
"Sostegno alla richiesta di innovazione tecnologica"
 Project description: design and implementation of the new company's Information System
 Project financed.

2001 FP 5 Work Programme: IST 2001 - Key Action: IST III.4.1 - Call part identifier: IST-01-7-1A
 Project title: AREM (Agent for the REcycling Market)
 Project coordinator: ENEA
 Project description: design and development of an agent-based tool for filtering and accessing buy/sell trading offers of recyclable/recycled materials on waste exchange websites
 Project shortlisted.

Business or sector: Waste management, prevention and recycling services and consultancy; events' organisation and market researches (in the field of waste recycling and recycled products and materials); waste brokerage services.

2008
 Consultant - Expert in sustainable waste management and green communication
 Chialab Srl via Lucchini 9, 40134 Bologna - Italy
 Main activities and responsibilities: technical-scientific support for the design and development of the environmental education initiative "Siamo tutti minatori" on metals recycling
<http://www.gruppofiori.it/notizie/siamo-tutti-minatorit>

Business or sector: Communication design

2005
 Educator
 Università Verde di Bologna, Via Rizzoli 3, 40125 Bologna - Italy
 Main activities and responsibilities: lesson on waste recycling at the high school Manfredi Tanari (Bologna - Italy)

2003
 Business or sector: Environmental Education
 Educator
 ORSA, high school environmental education, Viale Dell'Olimpo 30a, 90147 Palermo - Italy)
 Main activities and responsibilities: Design and delivery of a training course on waste management and sustainable development at MEM - Master in Environmental Management

Business or sector: Environmental Education

EDUCATION AND TRAINING

- From 2012 to 2015** **PhD in Agricultural, Environmental and Food Science and Technology**
 Organisation's name : Alma mater Studiorum, University of Bologna (Italy), Department of Agricultural and Food Sciences, Via Fanin, 50 40127 Bologna
 Principal subjects covered: Food losses and food waste prevention, circular economy, resource efficiency.
- From 1990 to 2000** **Graduated in Environmental Engineering, at the mark 95, out 100**
 Organisation's name : Alma mater Studiorum, University of Bologna (Italy), Faculty of Environmental Engineering
 Principal subjects covered: Life Cycle Assessment, waste and wastewater treatment/management, models and theories of the environmental control systems (water, air, and soil pollution), environmental legislation.

PERSONAL SKILLS

Mother tongue Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

ESOL B1+ Certificate

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

Common European Framework of Reference for Languages

Communication skills Good communication skills gained throughout my work experiences, research and social activities

Organisational / managerial skills Leadership (10 years of experience as Chairman at GARWER srl); proficient organisational skills gained through organisation of conferences, workshops, project design and evaluation.

- Job-related skills
- EU environmental policies and strategies in the field of waste management; waste management systems; public tenders for integrated municipal waste management services. energy efficiency; renewable energies; GPP, resource efficiency, circular economy;
 - Identification and design of policy strategies addressed to food and non-food waste prevention, resource efficiency, sustainable production and consumption systems;
 - Design and implementation of innovative projects in the field of sustainable waste management;
 - Assessment and design of funding proposals at EU, national and local level, eco-labels schemes; environmental management systems; communication campaigns; voluntary agreements between public and private sector;
 - Technical evaluation of projects on environmental related issues;
 - Life cycle assessment methodology implementation;
 - Website design and usability analysis;

Computer skills	Proficient knowledge of: Office and Open Office tools; graphic design software (Photoshop), internet browsers (Internet Explorer, Mozilla Firefox, Google Chrome), Adobe Acrobat professional, email clients (MS Outlook, Mozilla Firefox, web mail clients etc.), social networking tools (e.g. Facebook, LinkedIn), collaborative writing tools (e.g. Wiki, Google Docs), RSS feed aggregators (e.g. Google Reader, Netvibes, Feed Demon), social media sharing tools (e.g. Youtube, Photobucket, Flickr, Pinterest), social bookmarking tools (Delicious, Diigo, Digg), instant messaging tools (Skype, MSN Messenger, Yahoo Messenger, Google Chat), weblog and microblog tools (e.g. Blogger, Wordpress, Twitter etc...), visual organization tools for the creation of charts and diagrams (eg.SmartDraw), project management software (OpenProj).
Other skills	Planner and coordinator of cultural events to strengthen social and environmental communities' participation
Driving licence	A, B

 PUBLICATIONS & CONFERENCES

Publications

1. Vittuari, M., Azzurro, P. et al., Recommendations and guidelines for a common European food waste policy framework - FUSIONS Report (awaiting publication)
2. Segrè, A., Azzurro, P., SPRECO ALIMENTARE: DAL RECUPERO ALLA PREVENZIONE - Indirizzi applicativi della legge per la limitazione degli sprechi, e-book, Fondazione Feltrinelli, Collana utopie ([visualizza](#))
3. Azzurro P., (2016). La prevenzione degli sprechi dopo la legge 166/2016. ECOSCIENZA Numero 5/2016 pagg. 10-13 ([visualizza](#))
4. Azzurro P., (2016). Gestire i rifiuti per sprecare meno cibo. ECOSCIENZA Numero 2/2016 pagg. 73-75 ([visualizza](#))
5. Azzurro P., (2016). Recupero e donazione di cibo in Emilia Romagna. ECOSCIENZA Numero 2/2016 pagg. 70-72 ([visualizza](#))
6. Vittuari M., Politano A., Gaiani S., Canali M., Azzurro P., et al.(2015). Review of EU legislation and policies with implications on food waste - FUSIONS Report ISBN: 978-94-6257-525-7([download](#))
7. Azzurro P. (2015). *Strumenti di prevenzione e riduzione degli sprechi alimentari. Un piano nazionale per l'Italia* - PhD Thesis ([download](#))
8. Azzurro P., Falasconi L., Gaiani S., Giordano C., Politano A., Vittuari M., (2015). La prevenzione degli sprechi alimentari. Progetti e politiche a livello nazionale ed Europeo. *Rivista Graphie, Anno XVII, numero 71* ([download](#))
9. Azzurro P. (2015). La donazione degli alimenti invenduti. Verso la semplificazione normativa ([download](#))
10. Azzurro P., Giordano C. (2014). Prevenire spreco e rifiuti, quali prospettive ?. ECOSCIENZA Numero 6/2014 pag. 42-43 ([download](#))
11. Azzurro P., Giordano C. (2014). L'Europa verso politiche per combattere lo spreco. ECOSCIENZA Numero 5/2014 pag. 14-15 ([download](#))

12. Azzurro P., Segrè A. (2014). Strategie e norme per prevenire spreco alimentare e rifiuti. ECOSCIENZA Numero 5/2014 pag. 8-12 ([download](#))
13. Azzurro P., Giordano C. (2014). Sprechi e perdite alimentari: una panoramica sul fenomeno e sulle iniziative in corso. X Rapporto ISPRA sulla qualità dell'ambiente urbano 2014 pag. 836-839 ([download](#))
14. Azzurro P. (2014). Ridurre lo spreco di cibo, a che punto siamo ?. ECOSCIENZA Numero 1/2013 pag. 30-31 ([visualizza](#))
15. Segrè A. (2013). Vivere a spreco zero. Una rivoluzione alla portata di tutti, Marsilio Editore pagg. 109-149
16. Azzurro P., Masoni P., Morselli L., Ramponi L. (2003). Life Cycle Assessment applicata al sistema di incenerimento: caso studio dell'inceneritore di Bologna. I rifiuti. La chimica, il ciclo di vita, la valorizzazione, lo smaltimento, il controllo ambientale: Franco Angeli 2003 - ISBN: 9788846433565 ([download](#))
17. Azzurro P., Masoni P., Morselli L., Ramponi L. (2001). Life Cycle Assessment applicata al sistema incenerimento mediante codice di calcolo Wisard. Proceedings of 1° Convegno Nazionale. Rifiuti: Aspetti Innovativi, 21 February 2001, Milano, 51-62.
18. Azzurro P., Masoni P., Morselli L., Luzi J. (2001). Analisi comparativa di sistemi di trattamento rifiuti attraverso la metodologia LCA (Life Cycle Assessment). Atti del Convegno del 1° Congresso Nazionale AIDIC - Rifiuti: Aspetti Innovativi - 21 February 2001, Milano, 63-70. ([view](#))
19. Masoni P., Morselli L., Ramponi L., Azzurro P., Maldini E., Sacchetto F. (2000). Integrated Waste Management Life Cycle Assessment for prevention, recovery and recycling. An Italian case study: application of Wisard™ to IWM in the Province of Ravenna. ISWA World Congress 2000, July 3-9, 2000, Paris, France ([view](#))
20. Azzurro P., Masoni P., Morselli L., Ramponi L. (2000). Life Cycle Assessment applicata al sistema incenerimento: caso studio dell'inceneritore di Bologna. Proceedings of "RICICLA 2000", Rimini, 8-11 November 2000, 362-373, Maggioli Editore ([view](#))
21. Morselli L., Masoni P., Azzurro P., Ramponi L., Riva A. (2000). Metodologia LCA applicata a sistemi di incenerimento RSU tramite il programma software WISARD. Atti del 20° Congresso nazionale della Società Chimica Italiana, Rimini (Italia), 4-9 giugno 2000, volume secondo – poster

Conferences

- December 14th 2016, Webinar: *Food Waste in the EU: from evidence to policy Interventions*. Organizer: Rural Development Institute, Brandon University, Canada. Language: English
- January 13th 2016, San Lazzaro di Savena (BO, Italy) - *Food waste prevention: state of the art* - Presentation within the initiative "A better environment, instruction for use" promoted by the Municipality of San. Lazzaro di Savena. Language: Italian
- October 26th 2015, Bologna (BO, Italy): Seminar on the "Circular Economy" c/o UNIBO. Language: Italian
- June 8th 2014, Lerici (SP, Italy): *Food losses and food waste: an overview of the topic and of the ongoing initiatives* - Presentation within the context of *Consapevolmente 2014* festival. Language: Italian
- May 22th 2014, Roma (Italy) *The case of food waste* - Presentation within the international conference "towards a European circular economy". Language: english

- Memberships
- Member of the Technical-Scientific Committee of the National Food Waste Prevention Programme
 - Member of the *External Review Group* of the Food Loss & Waste Protocol (WRI)
 - Member of the Interest Group of the PPI4Waste project. Member of the “food waste research group” at the Department of Agricultural and Food Sciences (UNIBO)
 - Member of the FUSIONS working group at the Department of Agricultural and Food Sciences (UNIBO)
- Others
- **Award “Vivere a spreco zero” (Living at zero waste) 1st edition:** design and coordination of the 1st edition (2013) of the “Vivere a Spreco Zero” national award addressed to the best practices in the field of energy efficiency, sustainable mobility, waste and food waste prevention, water saving, green public procurement; land consumption ([download](#))
 - **Award “Vivere a spreco zero” (Living at zero waste) 2nd edition:** design and coordination of the 2nd edition (2014) of the “Vivere a Spreco Zero” national award addressed to the best practices in the field of food waste prevention ([download](#))
- References
- References are available on request