



Fabio Iannone

Nationality: Italian | Phone number:

WORK EXPERIENCE

09/2016 – CURRENT Pisa, Italy

RESEARCH ASSISTANT AND PROJECT MANAGER SANT'ANNA SCHOOL OF ADVANCED STUDIES

Researcher and Project Manager in the Laboratory of Sustainability Management.

Project design and management of various EU and national projects. Projects dealt with: Environmental Management System and Ecolabels, Green Public Procurement, Sustainable Tourism, Waste Management, Corporate Social Responsibility.

Collaboration and participation in drafting proposals under several lines (Interreg, Life, ENI MED, COSME, Horizon2020, Erasmus +).

Sectors: Agro-food, nursery, public administration, renewable energy (especially geothermal energy), tannery, eco-industrial parks.

Address Pisa, Italy

04/2014 – CURRENT

BUSINESS CONSULTANT AND LECTURER FREELANCE

Collaboration as a freelancer on business and management (including sustainability) issues with SMEs and business lecturer with both private and public organization on sustainability management (for more information, see dedicated section).

Address Livorno, Italy

10/2014 – 06/2016

HIGH SCHOOL PROFESSOR MINISTRO DELLA PUBBLICA ISTRUZIONE

High School Professor in Law and Economics in ITCG "Cerboni", (s.y. 2014/15); in IIS "Vespucci-Colombo" and in IIS "Buontalenti-Cappellini-Orlando" (s.y. 2015/16).

Address Livorno, Italy

08/2015 – 12/2015

INTERNSHIP ENEL GREEN POWER SPA

Internship at the **Health, Safety and Environment Unit (HSEQ)** of the Italian Geothermal Energy Company, headquarters of Larderello, Pisa.

Object: waste management optimization within the Environmental Management System of Enel Green Power spa and design and preparation of environmental training for external suppliers operating in geothermal energy activities.

Address Roma, Italy

12/2010 – 01/2014

VOCATIONAL TRAINING FOR CHARTERED ACCOUNTANT (DOTTORE COMMERCIALISTA) AND AUDITOR (REVISORE LEGALE) STUDIO VINCITORI AND STUDIO MARZULLO

Main activities: administrative and tax advice to corporations, partnerships and people; legal assistance to taxpayers in tax litigation with national tax agency; business and corporate consulting regarding M&A; counseling and preparing contracts between private parties; bookkeeping and preparation of tax return; activities as assistant to the Auditor (art.2409 bis c.c.) with legal audit functions in limited companies.

Address Livorno, Italy

04/2013 – 02/2014

INTERNSHIP REGIONE TOSCANA

Internship within the Master in Planning and Evaluation, Management Control sector.

Main activities: participation in the drafting of the 2013 Social Report and the first Gender Report of 2014 of the Tuscany Region. Study and preparation of new management control indicators pursuant to Legislative Decree 118/2011.

Address Firenze, Italy

02/2009 – 09/2010

INTERNSHIP STUDIO MARZULLO

Two internships organized by the Department of Business Economics "E.Giannessi", financed with a grant from Tuscany Region, designed to introduce students of the master degree to the professions of Chartered Accountant and Auditor.

Main activities: accounting, preparing tax returns and other tax compliance with Tax Agency, tax consultancy, and other professional activities.

Periods: March-May 2009 / May-September 2010

Address Livorno, Italy

06/2010 – 02/2012

PART-TIME STUDENT UNIVERSITY OF PISA

Two semestral positions as part-time student at the University of Pisa.

Main tasks: desk reception and support to students in the Department of Economics.

Periods: July 2010 - January 2011 / September 2011- February 2012

Address Pisa, Italy

● EDUCATION AND TRAINING

09/2016 – 10/2020 Pisa, Italy

INTERNATIONAL PH.D. IN MANAGEMENT OF INNOVATION, SUSTAINABILITY AND HEALTHCARE Sant'Anna School of Advanced Studies

International Ph.D. in Management of Innovation, Sustainability, and Healthcare.

Research activity carried out in the Sustainability area. Main areas of research: Green Public Procurement; Environmental Management System and Ecolabels; Sustainable Tourism; Corporate Social Responsibility; International Cooperation; Partnerships between profit and NGOs.

Thesis: "Green Public Procurement: from an international policies' comparison to national drivers and barriers to its implementation." The thesis was developed in three chapters: an international comparison of policy between main spender states (EU, China, Japan, USA); an international qualitative analysis with in-depth interviews in Italy, Spain, and Estonia, about cognitive and organizational barriers and the role of environmental training; a quantitative survey on sustainability practices in Italian municipalities.

Address Pisa, Italy | **Website** <https://www.santannapisa.it/en>

01/2019 – 09/2019 Granada, Spain

PH.D. VISITING FELLOW University of Granada

Visiting period at UGR as a Ph.D. fellow researcher.

Research activity: focus on the Green Public Procurement status in Andalusian and Catalan contexts, with in-depth interviews, carried on with Regional and Local authorities. Collaboration in other projects of UGR. Attendance of courses and holding seminars.

Address Granada, Spain

08/2017 – 05/2018 Pisa, Italy

TRAINING COURSE FOR SCHOOL TEACHING DEGREE University of Pisa

Training course for the achievement of skills in the anthropo-psycho-pedagogical disciplines and in the didactic methodologies and technologies.

Subjects: Pedagogy, special pedagogy and didactic of inclusion; Anthropology; Psychology; Educational methodologies and technologies.

Address Pisa, Italy | **Type of credits** ECTS | **Number of credits** 24

01/2015 – 12/2015 Pisa, Italy

MASTER IN MANAGEMENT AND CONTROL OF THE ENVIRONMENT: CIRCULAR ECONOMY AND EFFICIENT MANAGEMENT OF RESOURCES Sant'Anna School of Advanced Studies

The course's aim was to deepen the following **sectors**: waste; water; energy; circular economy.

For each of the previous themes, classes covered all the aspects, from the techniques related to the **management and saving behaviors** of resources to **law regulations** and practical implications.

Final dissertation was focused on the improvement of Environmental training and related Environmental Management system standards in an MNE operating in geothermal energy sector.

Address Pisa, Italy | **Type of credits** ECTS | **Number of credits** 75

Link https://www.mastergeca.santannapisa.it/sites/default/files/NEW_Brochure_web-.pdf

04/2013 – 02/2014 Firenze, Italy

POSTGRADUATE MASTER COURSE IN PROGRAMMING E EVALUATION Tuscany Region

Post-graduate master course about planning, design, monitoring, and evaluation of public plans, programs, projects, and policies.

Address Firenze, Italy

02/2009 – 10/2012 Pisa, Italy

MASTER DEGREE IN CONSULENZA PROFESSIONALE ALLE AZIENDE (PROFESSIONAL ADVICE TO COMPANIES) University of Pisa, Faculty of Economy

110/110 cum Laude.

Main topics: business management, accounting, audit, taxation, commercial law, bankruptcy law.

Interpretation of the economic and business phenomenon as a whole.

Thesis: "The landfills. Management profiles, accounting, and environmental laws." Deepening EU legislation on waste and landfills (Dir. 2008/98/EC and 1999/31/EC) and Italian transposing decrees. Comparison and analysis of three Tuscan companies operating in the sector and managing landfills: Belvedere spa, Rea spa, Ecofor Service spa.

Address Pisa, Italy | **Type of credits** ECTS | **Number of credits** 120

08/2005 – 03/2009 Pisa, Italy

BACHELOR DEGREE IN ECONOMIA AZIENDALE (BUSINESS MANAGEMENT) University of Pisa, Faculty of Economy

Main topics: Business Administration, Economics and Management, Cost Accounting, Planning and Control, Economic and Financial Analysis, Business evaluation.

Thesis: "Management of trade receivables."

Address Pisa, Italy | **Type of credits** ECTS | **Number of credits** 180

Biological sciences and mathematics, classic subjects (history, philosophy, art) and specialization in linguistics (Italian, Latin, English, German and Spanish).

Address Livorno, Italy

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
| | Listening | Reading | Spoken production | Spoken interaction | |
| ENGLISH | C2 | C2 | C1 | C1 | C2 |
| SPANISH | C2 | C2 | C1 | C2 | C1 |
| FRENCH | A2 | B1 | A2 | A2 | A1 |
| ARABIC | A1 | A2 | A1 | A1 | A1 |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Research softwares

NVivo (qualitative analysis software) | STATA (Basic)

Social Media and Content creation

Social Media Management (Facebook Twitter LinkedIn YouTube Instagram) | Adobe Photoshop Adobe Lightroom - photography post processing | Content and Article Writing | Web Design (WordPress Wix)

PC and mobile softwares

Windows macOS Android iOS Operating Systems | Microsoft Office | Video Conferencing (Zoom Skype Google Hangout) | Proficient in MAC tools Keynote Numbers Pages

● ADDITIONAL INFORMATION

ORGANISATIONAL SKILLS

Leadership Leadership skills acquired by managing a political group in a City Council for 5 years (2014-2019).

Open-mindedness I have developed a **high open-mindedness by living abroad** (Spain, Morocco) and **traveling** in numerous contexts, both for work reasons and passion.

Organization and project management Excellent **organizational and project management skills** included the ability to propose and implement solutions, gained during my previous positions since the first ones as waiter or bartender to the last as a project manager and assistant in EU found projects. I am also able to **work in a team** but also solve problems and find solutions in independence, with a high sense of initiative.

COMMUNICATION AND INTERPERSONAL SKILLS

Public speaking and diplomacy - Excellent **Public speaking and diplomatic skills**, developed by working and management of projects involving Public Authorities (see Research Activities, International Projects, and Events sections) and a multi-year political activity.

Emotional intelligence **Emotional intelligence** acquired by all the previous experience I had, both in my job carrier but especially with the extra-work path.

This allowed me to develop excellent **interpersonal and contact skills** with every kind of people, from politicians, to academics and also to the youngest ones.

Openness to internationalization and multicultural environments

Excellent **ability to interact and work in an international and multicultural environment** (particularly English and Spanish), due to the participation in workshops, events, conferences (see below) and the visiting period in the University of Granada.

Writing and publishing

Excellent skills in **writing and publishing**, both formal and informal ways, developed by political activity, academia and social media managing for no-profit foundations.

TEACHING, LESSONS AND OTHER ACADEMIA ACTIVITIES

21/04/2021 – CURRENT

Renewable Energy Communities: a new prospect for a sustainable and local development

The lesson is addressed to Master GECA students (Master in Management and Control of the Environment: Circular economy and efficient management of resources, Sant'Anna School of Advanced Studies) and it is foreseen every year since 2021.

Topic: Energy Communities represent a new perspective of local development. Overview of the legislative framework at European and national level. Technical and management features of energy communities.

Possibilities for developing countries. LEAP-RE research project results presentation.

- 21/4/2021: 2 hours

- 27/4/2022: 2 hours

- 3/5/2023: 3 hours

12/07/2020 – CURRENT

Green Public Procurement: looking for the sustainability of the public consumer

The lesson is addressed to Master GECA students (Master in Management and Control of the Environment: Circular economy and efficient management of resources, Sant'Anna School of Advanced Studies) and it is foreseen every year since 2020.

Topic: Green Public Procurement, from regulatory framework to recent researches evidences.

- 12/7/2020: 8 hours

- 30/06/2021: 8 hours

- 9/07/2022: 4 hours

05/2023 – CURRENT

Sustainability and eco-labels

Lesson on "*Sustainability and Eco-Labels*" (4hours) given to entrepreneurs and SMEs within the project "*Artis an enterprises in the world*", funded by the Italian Trade Agency (Italian Ministry of Foreign Affairs):

- 11/05/2023: Parma;

02/2023 – 04/2023

Fashion Sustainability

Two courses (10 hours per 2 classes, 2nd and 4th a.y.) on "*Fashion Sustainability*" addressed to the undergraduate course in Fashion Design and Management, in Polimoda, in Florence (Italy).

Link <https://www.polimoda.com/courses/undergraduate/fashion-design-management/>

04/2022 – 04/2023

La Durabilité Du Secteur Agroalimentaire

Half-day class (3h in French per 3 days) addressed to African entrepreneurs in the agri-food sector. The lessons were part of the project "*Lab Innova for Africa*" and funded by the Italian Trade Agency (Italian Ministry of Foreign Affairs).

Topic: Introduction to Sustainability: from origins to Nowadays. Circular Economy: why could be an opportunity for the agri-food sector. Sustainable Supply Chain Management. Eco-certifications and their role. An introduction to Green Marketing.

- 4/4/2022: Senegal;
- 29/11/2022: Camerun;
- 10/03/2023: Niger.

Link <https://exporttraining.ice.it/progetti/utenti-stranieri/lab-innova-for-africa/>

03/02/2023 – 03/04/2023

Circular economy and Circular Thinking

Two lessons (4 hours) given to students of the course "Energy saving and waste recycling for the Circular Economy", organized by Agenzia Formativa Per-Corso srl, with Regione Toscana dedicated funds(POR FESR Toscana 2014-2020):

- 3/02/2023: Waste management and data for Circular Economy;
- 3/04/2023: Circular thinking.

Sustainability in companies in the food sector

Lessons (4 hours) given to the students of the Master in Food Quality Management and Communication, University of Pisa (Italy):

- 8/07/2022;
- 28/01/2023.

Link <https://www.unipi.it/index.php/master/dettaglio/3922>

06/10/2022 – 06/10/2022

Renewable Energy Communities and Social research

The lesson (3h) was given to an audience of African master students and early researchers during the LEAP-RE Renewable Energy School, in Pretoria (South Africa). Main goal of the lesson was to represent the social research approach in LEAP-RE projects, including methodology adopted and challenges.

06/04/2022 – 06/04/2022

Sustainable Public Procurement

Sustainable Public Procurement class (5 hours) addressed to a group of n.25 nepalese public officers in the International Training Center of the International Labour Organization (United Nations) in Turin, Italy. A part of the class was specifically dedicated to how to promote sustainable tourism with public procurement.

17/11/2021 – 17/12/2021

Green Public Procurement and Circular Economy

Half-day lesson (3h) addressed to Liguria Region officers. Green public procurement in PA: framework, main concepts. Role of promotion, application and control of supplies. Circular economy and Public procurement: concrete examples. Tenders: contents, reward criteria, etc.

22/04/2021 – 29/06/2021

Sustainable agribusiness / La Durabilité Du Secteur Agroalimentaire

N. 4 half-days of lessons (3h, in English/French) addressed to African entrepreneurs in the agri-food sector. The lessons were part of the project "*Lab Innova for Africa*" and funded by the Italian Trade Agency (Italian Ministry of Foreign Affairs).

Topic: Introduction to Sustainability: from origins to nowadays. Circular Economy: why could be an opportunity for the agri-food sector. Sustainable Supply Chain Management. Eco-certifications and their role. An introduction to Green Marketing.

The lessons were addressed to 4 different classes, coming from Nigeria and the Ivory Coast.

- "*Sustainable Agribusiness*", Nigeria (April 23rd, 2021 / May 10th, 2021)
- "*La Durabilité Du Secteur Agroalimentaire*", Côte d'Ivoire (June 21st, 2021 / June 30th, 2021)

13/01/2021 – 13/01/2023

The sustainable management of the production chain and procurement

Half-day lesson (4h per 3 days) addressed to managers within the project "Green Management and Sustainable Innovation in the Company" funded by Fondirigenti, in collaboration with UniVa servizi (www.univaservizi.it):

- Nutrition & Santé Italia SpA (agri-food sector): 13/1/2021
- Bugnago srl (mechanics): 13/1/2023 and 7/09/2022.

04/2021 – 07/2021

Project work tutoring

Project work tutoring (30h) for the project "*Waste Travel 2.0: a community for ecological transition*", developed by Master students with Ancitel Energia Ambiente, within the Master GECA (Master in Management and Control of the Environment: Circular Economy and efficient management of resources, Sant'Anna School of Advanced Studies).

25/11/2020 – 25/11/2020

Green Marketing in the Agri-food sector

Project "*Actions to support Circular Economy*" (January-December 2020), funded by UnionCamere Toscana. Within this project, addressed to companies in the Tuscan territory, activities were carried out to analyze the opportunities and barriers for the implementation of the Circular Economy-CE in various sectors (nursery, agriculture, textiles, etc.) and lessons were given, addressed to companies, entrepreneurs and professionals.

Topic of the lesson: Communicating Green in the agri-food sector (1h).

24/06/2020 – 08/07/2020

Circular Economy in the Construction sector

Project "*Actions to support Circular Economy*" (January-December 2020), funded by UnionCamere Toscana. Within this project, addressed to companies in the Tuscan territory, activities were carried out to analyze the opportunities and barriers for the implementation of the Circular Economy-CE in various sectors (nursery, agriculture, textiles, etc.) and lessons were given, addressed to companies, entrepreneurs and professionals.

Topic of the lessons:

- Circular economy in construction: practical cases and benefits (1h). June 25th, 2020.
- Circular practices in construction: application cases of sustainable construction (1h). July 9th, 2020

21/06/2020 – 21/06/2020

Covid-19 and Circular Economy: What impacts on businesses?

The lesson (2h) was addressed to Master GECA (Master in Management and Control of the Environment: Circular economy and efficient management of resources, Sant'Anna School of Advanced Studies) students. Topic: Business opportunities for post-covid scenario in the view of Circular Economy principles.

27/05/2020 – 27/05/2020

Industrial Symbiosis: achieving the Circular Economy

Project "*Actions to support Circular Economy*" (January-December 2020), funded by UnionCamere Toscana. Within this project, addressed to companies in the Tuscan territory, activities were carried out to analyze the opportunities and barriers for the implementation of the Circular Economy-CE in various sectors (nursery, agriculture, textiles, etc.) and lessons were given, addressed to companies, entrepreneurs and professionals.

Topic of the lesson: Industrial Symbiosis: achieving the Circular Economy (2h).

24/02/2020 – 24/02/2020

Macro approaches to the Circular Economy and supporting business tools. Risks associated with communication.

Project "*Actions to support Circular Economy*" (January-December 2020), funded by UnionCamere Toscana. Within this project, addressed to companies in the Tuscan territory, activities were carried out to analyze the opportunities and barriers for the implementation of the Circular Economy-CE in various sectors (nursery, agriculture, textiles, etc.) and lessons were given, addressed to companies, entrepreneurs and professionals.

Topic of the lesson: Macro approaches to the Circular Economy and supporting business tools. Risks associated with communication (3h).

03/02/2020 – 03/02/2020

Circular Economy: principles, European and international policies and business models. Closing the Cycle: from prevention to waste management.

Project "*Actions to support Circular Economy*" (January-December 2020), funded by UnionCamere Toscana. Within this project, addressed to companies in the Tuscan territory, activities were carried out to analyze the opportunities and barriers for the implementation of the Circular Economy-CE in various sectors (nursery, agriculture, textiles, etc.) and lessons were given, addressed to companies, entrepreneurs and professionals.

Topic of the lesson: Circular Economy: principles, European and international policies and business models (3h).

2018 – CURRENT

International journal peer-reviewer

I am currently a reviewer for the following peer-review journals:

- Journal of Cleaner Production (since 2020) - ISSN: 0959-6526;
- Economics and Policy of Energy and the Environment (since 2019) - ISSN: 2280-7667
- Environment sustainability and development (since 2020) - ISSN: 1573-2975

08/2020 – CURRENT

Student Tutoring

Student tutoring for master thesis in:

- Master GECA (Master in Management and Control of the Environment: Circular economy and efficient management of resources), Sant'Anna School of Advanced Studies. Thesis: "Sustainable business models for the reduction of food waste". Candidate: Grazia Vascello A.Y. 2020
- Master Food Quality Management and Communication, University of Pisa. Thesis: "The interaction between Food Safety Objectives and Environmental Sustainability Objectives in European and Italian Agri-Food Regulations". Candidate: Niccolò Lorenzani. Vascello. A.Y. 2022

PUBLICATIONS

[Geothermal Atlas for Africa Project \(GAA\): steps to outline the maps of engineering and social sustainability of geothermal resources](#)

– 2022

Geothermal Atlas for Africa (GAA) is one of the LEAP-RE projects aimed at developing a geothermal atlas for Africa on different scales, dealing with all topics related to geothermal energy, thanks to the cooperation of many expert partners from different scientific sectors. The main aspects are those concerning geoscientific, engineering, and sociology. The geoscientific aspects, quite prevalent in the first year of GAA, are treated by Jolie et al. (2022) in a separate manuscript. In this work, the local scale engineering and socio-economic aspects related to the sustainable use of the available geothermal resources are discussed. The first relevant achievement of Engineering science (Task 9.2) is a simulation tool to assess the optimal technologies based on geothermal resource type. The potential utilization of medium and high enthalpy resources for power generation has been assessed. To do this, a calculation model was developed on the basis of the characteristics of the geothermal resource and provides a selection of the most suitable power plant technologies and related preliminary sizing. The model is able to incorporate not only the optimized thermodynamic performance of flash and/or ORC binary cycles, but also the minimization of economic (LCOE) and environmental costs (LCA-single score). With regards to the social aspects (Task 9.3), a desk research was performed on the African context in order to address the main challenges related to the economic, social, and environmental of geothermal stand alone plants, looking for the ones managed by or with an high involvement of local communities. The desk research will allow identification of variables used by the communities to maximize the economic, environmental, and social benefits. Data for these variables can be gathered from scientific and grey literature, which allow a sufficient triangulation of information. Such a multi-approach methodology can provide the scientific community with data to ensure sufficient comparability of geothermal case studies. Both qualitative and quantitative primary and secondary data comprising demographics, social, economic, and institutional drivers of geothermal energy utilization were obtained in this way. The long-term expectation is to identify and classify factors in order to build the basis for further research and to help practitioners who are willing to replicate similar studies for different sites in Africa, in potential combination with other renewable energies plants.

Onjala, J., Mitullah, W., Annunziata, E., Iannone, F., Frey, M., El-Magd, A., ... & Fiaschi, D. (2022). Geothermal Atlas for Africa Project (GAA): steps to outline the maps of engineering and social sustainability of geothermal resources. in *Proceedings, 9th African Rift Geothermal Conference, Djibouti, 3-5 Nov 2022.*

[Accelerating sustainable and economic development via industrial energy cooperation and shared services–A case study for three European countries](#)

– 2022

The paper presents a concept for moving from a single-company sustainable energy intervention approach to cooperative sustainable energy solutions within the framework of industrial parks. Technical, economic, regulatory, organizational, and social barriers for energy-efficient park design and operation on all levels and instruments to overcome them have been systematically analysed, taking correlation of solutions, and park-specific requirements into account, thus providing a holistic workflow.

Co-authors: M.D.Mainar-Toledo, M.A.Castan, G.Millán, V.Rodin, A.Kollmann, F.Peccianti, E. Annunziata, F.Rizzi, M.Frey, M.Zaldua, H.Kuittinen

Review: *Renewable and Sustainable Energy Reviews*.

DOI: [10.1016/j.rser.2021.111737](https://doi.org/10.1016/j.rser.2021.111737)

Sustainable Procurement in Local Governments – 2022

Chapter 4, in *2022 Global Review of Sustainable Public Procurement*. Paris: United Nations Environment Programme. (2022).

Co-authors: Fox A., Stritch J.M., Darnall N., Swanson J., Bretschneider S., Chen Y., Ivy J., Wilkerson A., Carter L., Testa F., Iraldo F., Husted B., Perez-Castillo D., Ernesto Amorós J., Blanco A.R., Lukacs De Pereny S., Schwarz G., Arimura T., Miyamoto, T.

[Antecedents of absorptive capacity in the development of circular economy business models of small and medium enterprises](#)

– 2021

The paper investigates the antecedents of absorptive capacity in successful circular economy business cases using a qualitative multiple-case study, with a focus on the horticultural sector.

Co-authors: Marrucci, L., Daddi, T., Iraldo, F.

Review: *Business Strategy and the Environment*.

DOI: [10.1002/bse.2908](https://doi.org/10.1002/bse.2908)

[Cambiare il mondo un bicchiere alla volta: il caso PCUP](#) – 2021

Book chapter in *La buona impresa, Storie di Start-up per un mondo migliore*, Cucino V., Di Minin A., Ferrucci F., Piccaluga A., 2021, Sole24Ore.

Co-author: Rizzi F.

ISBN: 9788863458855

[The role of Green Public Procurement in Circular Economy policies: An international comparison](#) – 20

20

The paper is an international comparison on the main features of GPP policies within the CE framework of a sample of EU countries, China, Japan, and USA. The research was carried on combining interviews with experts and desk research.

Co-authors: Francesco Testa, Tiberio Daddi, Marco Frey, Giulia Casamento.

Review: *Economics and policy of energy and the environment*.

DOI: 10.3280/EFE2019-002007

[The importance of environmental training on Green Public Procurement](#) – 2020

Abstract of an ongoing research presented at the XXIX International RESER Conference "Service and the future of the workforce", September 12-14th, Ceuta, Spain.

Co-authors: Vera Ferron-Vilchez, Francesco Testa.

Proceedings ISBN: 978-84-17970-95-6

CONFERENCES, SEMINARS, WORKSHOPS, EVENTS AND SUMMER SCHOOLS

Seminars and speeches 1/2

- **The Vinyl Plus Sustainability Forum**, 11 May 2023, Florence (Italy). Title of the speech: "*Green Public Procurement and Circular Economy: a strong connection*".

- "**Renewable Energy Communities: a new perspective of local development**", 19 April 2023, an event organized by CNA Firenze and We.Co. (Scarperia e San Piero, Italy).

- "**Renewable Energy Communities: a new perspective of local development**", 9 March 2023, webinar for CCIAA Firenze (Italy).

Seminars and speeches 2/2

- Title of the speech: **"Riforma Verducci - General academy info, roles and career progression"**, 6 December 2022, Sant'Anna School of Advanced Studies, Pisa (Italy). Seminar addressed to Ph.D. students during the courses in the International Ph.D. in Innovation, Healthcare and Sustainability.

- **Webinar Kyoto Club** "LCA and reduction of embodied emissions in buildings", 21st September 2022. Title of the speech: *"Circular Economy in the building sector: best practices and benefits"*.

- **Africa Business Lab**, event organized by the Italian Trade Agency (Italian Ministry of Foreign Affairs), March 23rd, 2022, Roma, Italy. Title of the speech: *"Circular Economy in the building sector in Africa"*.

- **Africa Business Lab**, event organized by the Italian Trade Agency (Italian Ministry of Foreign Affairs), March 16th, 2022, Roma, Italy. Title of the speech: *"Sustainable Energy B2B and B2C in Africa"*.

- **Africa Business Lab**, event organized by the Italian Trade Agency (Italian Ministry of Foreign Affairs), March 8th, 2022, Roma, Italy. Title of the speech: *"Agriculture and environment: a delicate relationship and the need for sustainability"*.

- **Webinar Unione Industriali Provincia di Varese** *"The frontiers of sustainability: what emerged from COP26 in Glasgow"*, 2nd March 2022.

- **Africa Business Lab**, event organized by the Italian Trade Agency (Italian Ministry of Foreign Affairs), June 8th, 2021, Roma, Italy.
Title of the speech: *"Renewable Energy Communities: a new local development perspective for Africa"*.

- **"Green Public Procurement and environmental certifications: from European policies to the role of public tenders"**, November 26th, 2020, Pisa, Italy.
Title of the speech: *"From theory to practice: main environmental certifications and their function in public tenders"*.

- **"Strategies and approaches for environmental risk management in industrial companies during and after the COVID19 emergency"**, September 24th, 2020, ASSORECA, Ferrara, Italy.
Title of the speech: *"The economic advantages of a "sustainable" business management in the post Covid era"*.

- **ENHANCE Regional Meeting**, September 15th, 2020, Pisa, Italy.
Title of the speech: *"The ENHANCE project: objectives of GPP activities (SSSA reports on its own Action Plan and related impact)"*.

- **"Green Public Procurement: Business opportunities for Ligurian companies"**, January 28th, 2020, Genova, Italy.
Title of the speech: *"The operational tools: the guidelines of the Enhance project on Environmental process certifications and product labels"*.

- **ENHANCE Dissemination Event**, November 28th, 2018, Barcelona, Spain.
Presentation of the Actions foreseen in the SSSA Towards EMAS Action Plan for Interreg ENHANCE for the Ligurian Context.

International Conferences and Workshops

- **European Geothermal Workshop 2020**, October 7-8th, 2020, Strasburg, France (online edition).
Conference paper: *"Improving companies' engagement strategies with communities. Evidence from an Italian company in geothermal developments."* Co-authors: Michele Contini, Eleonora Annunziata, Francesco Rizzi, Marco Frey.

- **International XXIX Reser Conference "Service and the future for the workforce"**, September 12-14, 2019, Ceuta, Spain.
Conference paper: *"The importance of environmental training on Green Public Procurement"*. Co-authors: Vera Ferron-Vilchez, Francesco Testa.

- **"Current Status and Trend of Green Public Procurement and Eco-labelling in the world", Eco-Fair 2018**, December 6th, 2018, Tokyo, Japan.
Participation in the workshop and presentation of the Italian Framework on GPP and the first evidence of the research conducted in Liguria Region within Interreg ENHANCE project about cognitive and organizational barriers to GPP.

- **Supply Chain Management, Magister ADACI Conference**, November 9th, 2018, Roma, Italy.

Conference paper: "Green Public Procurement: opportunities and barriers. An exploratory study on an Italian regional context".

- **Workshop "Environmental Inspections and the role of the EMAS verifier"**, June 20-21, 2018, Vienna, Austria.

Workshop organized within Interreg ENHANCE, project. Presentation of the Italian framework in the field, with a specific focus on benefits for EMAS registered organizations.

Summer Schools and Trainings

- **UN Climate Academy 2022, "People's Pathways to Climate Action – Energy transition, Digitalization and Climate Action"**, organized by United Nations University (UNU-EHS), Munich Re Foundation, ICLEI and UNFCCC. 12-16 September 2022 (virtual), 26-29 September 2022 (Kigali, Rwanda). Participation with "Renewable energy communities as a way to enhance social, environmental and economic development of local population in rural areas".

- **Train the teachers**, Sant'Anna School of Advanced Studies, 8th March - 8th April 2022, 32 hours.

- **Qualitative Research** with support from Caqdas Software (NVivo), University of Granada, March 20-22, 2019, Granada, Spain - 10 hours.

- **Qualitative methods Summer School**, July 24-28, 2019, University of Calabria, Rende (CS) Italy - 50 hours.

Participation at events, seminars and other events

- **The Water-Energy-Food-Ecosystems (WEFE) Nexus: from Research to Practice**. Online event, December 6-8th, 2021.

- **COP 26, United Nation Climate Change**, November 1-7th, 2021, Glasgow, United Kingdom. Participation as NGO observer for Sant'Anna School of Advanced Studies.

- **Preparing for Horizon Europe: Embedding Social Sciences and Humanities in technical energy project proposals**, December 1st, 2020, Brussels, Belgium. Event organized by the Global Sustainability Institute, Energy Shifts and European Energy Research Alliance.

- **The EU's European External Investment Plan - Focus Africa**, June 11th, 2020, Roma, Italy (webinar). Event organized by Italian Trade Agency (Italian Ministry of Foreign Affairs) for the promotion abroad and internationalization of Italian companies.

- **Africa Business Lab**, May-June 2020, Roma, Italy (web-events). Event organized by the Italian Trade Agency (Italian Ministry of Foreign Affairs) for the promotion abroad and internationalization of Italian companies. N.4 days (3h each) of training activities on business opportunities for Italian companies in the African continent.

- **Rome MED-Mediterranean Dialogues**, December 5-7th, 2019, Roma, Italy. Conference organized by ISPI jointly with the Italian Ministry of Foreign Affairs. <https://med.ispionline.it/>

- **Interreg Forum "Europe, let's cooperate!"**, April 10-11th, 2019, Brussels, Belgium. Participation on the behalf of leader partner Government of Catalunya and other Interreg ENHANCE partners.

Institutional roles

- since June 2022 I regularly attend the **Academic Senate**, as the elected **representative of the post-doctoral researchers' assembly**.

External activities

- participation in the **project BRIGHT Researchers at School** - 3 hours dedicate in a medium level school in Pisa to teach what is research to young students.

INTERNATIONAL PROJECTS

06/2022 – CURRENT
AfricaMaVal

The Horizon Europe AfricaMaVal project supports the development of a sustainable Europe-Africa supply chain in the procurement of critical raw materials. Specifically, it aims to develop an EU-Africa partnership in order to ensure responsible extraction of mineral resources for European industry, while ensuring co-development processes based on compliance with ESG (Environmental, Social and Governance) criteria and the long-term development of European and African companies.

Role: Researcher

Link <https://africamaval.eu/>

10/2020 – CURRENT

LEAP-RE - Long term joint EU-AU Research and Innovation partnership on Renewable Energy

Under this proposal (duration of 60 months, more than 80 international partners from Europe, Africa and Asia) two different projects will be carried on:

1) Geothermal Atlas for Africa (WP9):

This project aims to define the origin and location of low to high enthalpy geothermal resources for the development of African electricity production, plus a range of direct heat/cold use applications and water use. This will be achieved by identifying, organizing, assessing, classifying and interpreting: (1) geo-scientific information (e.g., geology, geochemistry, geophysics), (2) technological information (e.g., existing power plants, installed capacity), and (3) social aspects with a multi-scale approach (local, regional, continental) in order to define the origin and location of low to high enthalpy geothermal resources for the development of African electricity production, plus a range of direct heat/cold use applications and water use. Results will be made available through a *Geothermal Atlas for Africa* (GAA) printed and online, which will allow easy access to relevant information on geothermal resources for scientists, project developers, policy & decision makers, and investors.

2) Geothermal Village (WP11):

The main objective is to introduce geothermal-based stand-alone electric and thermal energy systems to off-grid African communities. Geothermal is a flexible, full-time energy source, hence a second objective of our African-European R&D group is to provide template case-studies on adapting the energy systems to community needs. The project will demonstrate this by choosing sites with different thermal and socio-economic characteristics, developing for each a suitable energy plan. The consortium aims to keep the technology level appropriate to local operation, maintenance and even replication, which furthers the long-term objective of capacity building, economic and social welfare, and encourage young educated people to stay on their homeland. Finally, these systems can supply fresh water and supplant oil and firewood which, in addition to environmental and health benefits, reduces the domestic expense and workload on women and girls allowing time for education and productivity.

Countries targeted: African continent, especially Kenya, Ethiopia, Ruanda, Djibouti.

Role: Researcher.

Link <https://www.leap-re.eu/>

12/2020 – 11/2022

GREENER - Boosting industry engagement in green procurement

GREENER (ERASMUS+) aims to support companies' participation in GPP with systemic effectiveness on the conditions of sustainability and business competitiveness. To do this, the skills of middle management and the more traditional profiles of the administration need to be updated. A systemic action of renewal of the VET paths addressed to these profiles is the priority of GREENER project.

Role: Researcher.

Link <https://greener-project.eu/>

09/2020 – 03/2022

CORALIS - Creation Of new value chain Relations through novel Approaches facilitating Long-term Industrial Symbiosis

CORALIS (H2020) has been designed as a demonstration project for the generation of real experiences on the deployment of IS solutions and the overcoming of the barriers faced by these initiatives. In order to properly address this complex issue, CORALIS will address three factors (technical, managerial and economical) that will

set the basis for the definition of the IS readiness level, a useful indicator establishing the feasibility of the overall

IS initiative. In addition to specific developments on each of these factors, CORALIS will provide a harmonised framework for the monitoring of results and evaluation of their impact from a life cycle perspective.

Role: Researcher.

Link <https://www.coralis-h2020.eu/>

12/2019 – 07/2021

S-PARCS - Envisioning and Testing New Models of Sustainable Energy Cooperation and Services in Industrial Parks

S-PARCS presents a sound concept for reducing energy costs and energy consumption in industrial parks, while, at the same time, increasing renewable on-site energy production. The pre-assessment of the seven "Lighthouse Parks" from Spain, Portugal, Italy, and Austria, which participate in the study, has shown a high potential for joint energy actions, many of which are transferrable to the community of S-PARCS Followers in the UK, Sweden, Turkey, Russia, Italy, Portugal, Austria and Norway. 5 research organisations, 1 engineering company and 1 industrial association will make their knowledge on suitable technologies, novel business models and cooperative action among companies available to the parks to help them develop an "energy cooperation plan" and the necessary skills to achieve a long-lasting sustainability impact

Role: Researcher.

Link <https://www.sparcs-h2020.eu/>

01/2018 – 12/2020

ENHANCE - Emas as a Nest to Help and Nurture the Circular Economy

The project, funded by the EC Programme Interreg Europe, aims to valorize the benefits of closing loops in industrial processes. The EcoManagement and Audit Scheme (EMAS) is used, in the project, as a driver for the Circular Economy by encouraging organizations to develop techniques that make better use of resources in the production phase and retain physical goods longer and more efficiently in productive use, thus increasing their competitiveness. The ENHANCE project's main objective is, therefore, to increase SMEs' competitiveness through resource efficiency, by fostering the exchange of experiences and practices on EMAS registration. Main activity was in the GPP Regional Plan of Liguria Region, in order to valorize EMAS registration in public tenders. Within this project, many interviews I have carried on with Public Authorities and constant relations with the main stakeholder Liguria Region brought to the improvement of the policy instrument chosen.

Role: Researcher.

Link <https://www.interregeurope.eu/enhance/>

12/2019 – 03/2020

TACKLE - Teaming-up for A Conscious Kick for the Legacy of Environment

TACKLE is an international project co-funded by LIFE Environmental Governance and Information Program. The key objective of TACKLE is to improve the environmental management of big events and in specific football events. Involving three National Football Associations (Italy, Sweden and Romania) and with the participation of UEFA, the project aims to draft and apply guidelines for environmental management in 10 EU stadiums (01/09/2018 – on-going).

Role: collaboration as expert on Green Public Procurement.

Link <https://lifetackle.eu/>

05/2017 – CURRENT

Other EU projects' submission

In addition, just as examples, participation in the submission of the following projects:

- October 2019, "**Bestour**", COSME Programme 2019, Call for proposals COS-TOURCOOP-2019-3-01. The project aims to boost sustainable tourism development and capacity of tourism SMEs through transnational cooperation and knowledge transfer;
- January-February 2019, "**SPINN 4.0**", Erasmus + Programme 2019; the project aimed to the exchange of experiences within a broad partnership;
- December 2017 - January 2018: "**Sweeper**" project, ENI-MED proposal, dealing with waste prevention in football events, submitted in January 2018;
- July 2017, Sustainable Tourism in Kenya project, "**Switch Africa Green**" founded. The proposal project involved local actors in Kenya and its main goal was to create an incubator for tourism operators, to make them improve in the environmental adoption of sustainability tools.

NATIONAL PROJECTS

08/2020 – 10/2021

Restoring trust between Public administration and citizens through GPP practices

The project, financed by the the National School of Administration of the Presidency of the Council of Ministers, aims at restoring the trust between Public Authorities and citizens through the use of Sustainable procurement, in particular Green Public Procurement-GPP, as a tool to increase the transparency and effectiveness of the PAs.

An interdisciplinary collaboration between management, criminal law and public ethics experts is envisaged to achieve the project objectives.

The activity foreseen is a qualitative analysis through interviews, desk research and web-analysis.

Role: Researcher

08/2018 – 09/2019

GPP survey on Italian municipalities

A study conducted in a very small team within SSSA on the sustainability practices in all Italian Municipalities bigger than 25.000 inhabitants.

Role: Researcher and Project manager. From the design of the survey to the collection of responses and following analysis and presentation of data.

01/2018 – 06/2018

The circular economy in public policies - international comparative analysis with a focus on GPP policies.

A qualitative study conducted in collaboration with the Italian accreditation body ACCREDIA on the role of Green Public procurement within Circular Economy policies and the contribution of Environmental Certifications in achieving such sustainable goals. Countries targeted: EU (Italy, Germany, Austria, Spain), USA, China, Japan.

Role: Researcher.

INTERNATIONAL NETWORKS

European Energy Research Alliance

Since January 2020, I am representing Sant'Anna School of Advanced Studies in the official meetings (commitment board, steering committee, general assembly, etc) of European Energy Research Alliance, in particular in the two Joint Programs we are member:

- Geothermal: SSSA is coordinator of the sub-program n.6: Sustainability, Environment and Regulatory Framework.
- E3s - Economic, Environmental and Social Impacts of the Energy Transition.