

ALESSIO NOVI



WORK EXPERIENCES

Sustainability Specialist

Ergo Srl, Pisa, Italy

SEPTEMBER 2020 – ONGOING

Main industry consultancy activities:

- JUVENTUS FC (Sport sector), calculation of the carbon footprint (scope 1, 2, and 3) and definition of decarbonisation objectives according to the Science-based Target Initiative (SBTi).
- ENI (Oil&Gas sector), (I) HSE audit of the SERGAZ pumping plants of the gas pipeline between Algeria and Italy, (II) support for the evaluation of the circularity of the Ghana production site (upstream).
- FHP Portuale (Logistics, Goods and Port sector), (I) support to the alignment of the group to the EU Taxonomy Regulation, (II) development of a Sustainability Report (Non-financial reporting), (III) development of a corporate sustainability strategy (IV) development of a climate change risk analysis and climate change adaptation study, (V) calculation of the carbon footprint (scope 1,2).
- GUIDO GOBINO (Food sector), calculation of the carbon footprint (scope 1, 2, and 3) for sustainability reporting.
- LA SCARPA (Tanning sector), support (I) for the implementation of ISO 14001, (II) for obtaining the Leather Working Group (LWG) certification, (III) for conducting LCA analyses and (IV) for communicating circular economy actions.
- LAMONTI Spa (Tanning sector), support (I) for the implementation of ISO 14001 and (II) for obtaining the Leather Working Group (LWG) certification.
- IVO NUTI (Tanning sector), support for the evaluation of the circularity of the production process and organization.
- ZABRI (Tanning sector), support for maintaining EMAS certification.
- COLLE Group (Textile sector), support for maintaining EMAS certification.
- TAILOR MADE (Footwear sector), support for maintaining EMAS certification.
- AQUARNO (Chemical and Water sector), support for the implementation of ISO 1400.

Sustainability Teacher

In Presence and Remote

JANUARY 2021 – ONGOING

Professional classes and training on sustainability and circular economy management:

- 21 hours of training at the "[Sustainability Manager](#)" courses for Managers of the Sapienza University of Rome, 2023.

- 8 hours of training in the "Sustainability Manager" course for Managers of the Sapienza University of Rome 2022-2023.
- 4 hours of training at the Second Level Master "[GECA](#)" of Scuola Superiore Sant'Anna.
- 26 hours of lessons at the IFTS HI-TECH FASHION SYSTEM in 2022.
- 14 hours of lessons at IFTS T.R.E.N.D.I.N.G - TECHNICIAN FOR THE INDUSTRIALIZATION OF GREEN PRODUCTS AND PROCESSES in 2021.
- 4-hour lessons on "Sustainability and Biotechnology", Biochemistry course, degree in Biology, University of Bologna.

International PhD candidate in Sustainability, Innovation and Healthcare Management

Scuola Superiore Sant'Anna, Pisa, Italy

OCTOBER 2020 – SEPTEMBER 2023

Academia research activities

The academic research project, funded by the Italian GSE - Gestore dei Servizi Energetici - deals with understanding the relationship between circular economy principles and the production of electricity and with measuring the circularity of the Italian electricity production system.

I am part of the [SuM](#) (Sustainability Management Laboratory), in which the other academic as well as industrial main areas of interest are: Company environmental management, Circular economy, Environmental management systems, ISO14001 and EMAS, and HSE in general, Sustainable supply chain management, Eco-innovation and eco-design, Climate change, adaptation and mitigation strategies, Resource efficiency, Environmental footprint, LCA, Industrial ecology and industrial symbiosis.

In the context of my PhD thesis, I passed 4 months in Buenos Aires at the University of Quilmes.

European project writing and Project Management

I wrote more than 10 European projects regarding Sustainability and Circular Economy. To date, the projects I have been involved in won a total of more than 1,500,000 euros.

I am also involved in the following European projects:

- [ERASMUS+ SPORT GAMES](#) (Green Approaches in Management for Enhancing Sport) aims to increase environmental awareness and foster the adoption of climate change practices by key players in sport in order to improve the sustainability of sporting events.
- [ERASMUS+ SPORT ACCESS](#) (Achieving Circularity in Cities through Environmental Sustainability of Sports) aims to narrow the gap between the current environmental performances of sports clubs and associations, their strategies and practices and the strategies and targets of the cities and regions in which they are located and where their activities take place.
- [ERASMUS+ SPORT FREE KICKS](#) (Football relies on EMAS and ECOLABEL to Keep Innovating on Circularity as a Key for Sustainability) aims at implementing transformational governance through the diffusion and the adoption of EU management tools such as EMAS, EU Ecolabel, PEF/OEF to trigger football organizations systemic change in line with Green Deal.
- [TOURISME](#) (Improving sustainability of tourism SMEs through knowledge transfer, international cooperation and multistakeholder engagement) co-funded by the COSME Programme, aims to promote the adaptation of European tourism SMEs towards more sustainable, low-carbon and energy-efficient business models of resources, enhancing their activities and building capacities through knowledge transfer, exchanges and collaboration with other SMEs, business accelerators, incubators and other players in the tourism sector.
- [ENHANCE](#) (EMAS as a Nest to Help And Nurture the Circular Economy) is a project funded under the INTERREG Europe programme. The aim of the project is to adopt a transnational approach that aims at the exchange of good practices on environmental management applied to the circular economy

and EMAS.

Industry consultancy and Project Management

- Support to the Chambers of Commerce of Tuscany in the identification of by-products and in the measurement of the circular economy in the main supply chains of the region, through in-presence audits **in more than 30 companies**.
- Definition of an environmental certification for measuring circularity in the tanning sector, in partnership with ICEC (Certification Institute for the leather area).
- Support to SAMMONTANA (Food&beverage sector) (I) for the measurement of the carbon footprint (scope 1, scope 2 and scope 3), (II) the definition of a strategy and actions for decarbonization, (III) in identifying opportunities for improvement in the sustainable management of the milk, almond and flour supply chains.
- Support of the Chambers of Commerce of Tuscany in the promotion of environmental policies and actions for the development of the circular economy.

ERASMUS+ TRAINEESHIP

Fair-Fusion Start up, Emmen, The Netherlands

FEBRUARY 2019 – NOVEMBER 2019

I carried out my traineeship at Fair-Fusion, a start-up within the incubator GreenPAC, at EMMTEC services. This is the hub for green (fibre) chemistry in Northeast Netherlands. In this start-up, I studied and planned possible biotechnological opportunities to increase plastic biodegradation. I worked with 3D-printing machines.

Logistics employee

Study Store, Emmen, The Netherlands

JULY 2019 – NOVEMBER 2019

Sales employee

Decathlon, Pisa, Italy

MAY 2018 – OCTOBER 2018



EDUCATION

Second-level Master's Degree in "Integrated Management Systems: Health, Safety, Environment and Quality (HSEQ) "

ISTUM

NOVEMBER 2021 – APRIL 2021

Italian name of the Master's: [Master di Alta Formazione MASGI® in Sistemi di Gestione Integrati per la Qualità, Ambiente, Energia e Sicurezza](#)

Lead Auditor 40 hours (internal and external) of Management Systems (I) ISO 9001:2015; (II) 14001:2015; (II) 45001:2015, (IV) 50001:2015 / ISO 19011.

Second-level Master's Degree in "[Environmental Management and Sustainability](#)" (GECA)

Scuola Universitaria Superiore Sant'Anna, Pisa

JANUARY 2020 – DECEMBER 2020

Main topics: Integrated waste management, integrated water service management, energy, sustainability, circular economy, regulation tools and policies, green and sustainability management.

Joint Master's Degree in "[Molecular and Industrial Biotechnology](#)"

Scuola Universitaria Superiore Sant'Anna & University of Pisa

DECEMBER 2017 – DECEMBER 2019

Graduated with 110/110 Magna Cum Laude.

Advanced Genomics, Advanced Molecular Biology, Industrial Biotechnology, Microbial Biotechnology, Plant Molecular Physiology, Biomaterial Science, Molecular Modeling, BioPharmaceuticals, Industrial Biochemistry, Neuroscience Techniques and Transgenic Animals, Advanced Neuroscience, Statistics, Toxicology and Bioremediation.

ERASMUS +, "Biochemistry"

Nottingham Trent University, Nottingham, UK

SEPTEMBER 2015 - JUNE 2016

Biochemistry Degree Course (full year 2) at Nottingham Trent University (NTU) as an Erasmus exchange student. Final mark at the end of the year: First (72%), the highest mark in the British university system.

Bachelor's Degree in "Biotechnology" | University of Pisa

OCTOBER 2014 – DECEMBER 2017

Graduated with 109/110.

High School Diploma | Liceo Classico "XXV Aprile"

2009 – 2014

Graduated with 88/100.



(CODING) LANGUAGES

- Italian native speaker
- C1 level in English
- B1 level in Spanish
- A2 level in French
- Office suit user
- Basics of R, STATA, Python (statistical analyses) and C++



VALUABLE EVERYDAY AND JOB-RELATED SKILLS

- Emotional intelligence
- Adaptability
- Project management
- Interpersonal skills
- Management skills
- Proactivity and curiosity
- Positive attitude



SELECTED PUBLICATIONS

- Maria Anna Cusenza, Alessio Novi (2022), *“Economia Circolare E Sistema Energetico: Strumenti Di Misura E Stime Nel Sistema Energetico Nazionale”*, Ricerca Sistema Energetico (RSE), 21010492
- Maria Anna Cusenza, Alessio Novi (2022), *“Misurare la circolarità di sistemi elettrici”*, XVI Convegno dell’Associazione Rete Italiana LCA
- Novi A. et al., (2022), *New insights on ISO14001 and EMAS different adoption levels”*, EMAN Europe 2022: towards a new accounting/management for circular economy”
- Novi A. et al., (2021), *“Linee Guida per l'approvvigionamento circolare nel settore privato”*, Global Compact Italia Network Italia
- Novi Alessio (2021), *“Literature review on sustainable tourism”*, TOURISME COSME Project

Italian job market only:

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In fede,

Alessio Novi

MONTOPOLI IN VAL D'ARNO (PI), 30/05/2023