



## Curriculum Vitae

### Informazioni personali

Cognome/Nome

**Iraldo Fabio**

Indirizzo

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Cittadinanza

Italiana

Data di nascita

08/12/1968

Sesso

Maschile

### Esperienza professionale

Economia ambientale, gestione ambientale d'impresa, innovazione ambientale e tecnologie verdi, applicazione della normativa ambientale da parte delle imprese, analisi del ciclo di vita, economia e gestione degli schemi di certificazione volontaria, innovazione ambientale e competitività, marketing sostenibile, comunicazione ambienta, Green Public Procurement, responsabilità sociale d'impresa, gestione salute e sicurezza, politiche pubbliche per lo sviluppo sostenibile locale.

### Novembre 2006 – oggi

Lavoro o posizione ricoperti

Professore di management ambientale e della sostenibilità. Abilitazione Nazionale per Professore di I fascia ottenuta nell'anno 2013. Professore Ordinario dal 2016.

Principali attività e responsabilità

Responsabile di progetti di ricerca su: tecnologie ambientali, gestione ambientale, design e sviluppo dei prodotti sostenibili, green marketing, innovazione ambientale, economia circolare, impronta ambientale, competitività correlata all'ambiente, impatti sulle politiche ambientali e schemi di certificazione volontaria (si veda allegato 1).

Dal 2017: Direttore del PhD in Management dell'Innovazione, della Sostenibilità e della Salute.

Dal 2018: Membro del Managing Board del Dipartimento di Eccellenza EMBEDS: Economics and Management in the era of Data Science

Nome e indirizzo del datore di lavoro Scuola Superiore Sant'Anna, Istituto di Management Piazza dei Martiri della Libertà, 24 52016, Pisa – Italy  
Tipo di attività o settore Università

**Giugno 1995 – oggi**

Lavoro o posizione ricoperti Direttore di Ricerca  
Principali attività e responsabilità Responsabile di progetti di ricerca su: innovazione ambientale, gestione ambientale, eco-label, politiche di prodotti integrati, green procurement, gestione salute e sicurezza, sostenibilità locale, rapporti ambientali, green marketing, Corporate Social Responsibility, igiene, salute e sicurezza (si veda l'allegato 1).

Nome e indirizzo del datore di lavoro IEFE Bocconi, Via Roentgen 1, 20136, Milano – Italy  
Tipo di attività o settore Università

**Giugno 1997 – oggi**

Lavoro o posizione ricoperti Teaching assistant  
Principali attività e responsabilità Corsi di formazione sulla normativa ambientale, l'innovazione e le migliori tecniche disponibili, la gestione ambientale, della sicurezza e sociale; capo progetto delle ricerche nei campi suddetti.

Nome e indirizzo del datore di lavoro SDA – Business School, Via Bocconi 8, 20136, Milano – Italy  
Tipo di attività o settore Business School

**1995 – 1997**

Lavoro o posizione ricoperti Ricercatore presso il Centro Studi Economici  
Principali attività e responsabilità Studi di economia sulle dinamiche di settore

Nome e indirizzo del datore di lavoro Pirelli S.p.A., Viale Sarca 242, 20133, Milano – Italy  
Tipo di attività o settore Società private

**Istruzione e formazione**

**2001**

Titolo della qualifica rilasciata Dottore di Ricerca  
Principali tematiche/competenze professionali possedute Politiche pubbliche per lo sviluppo della ricerca e l'ambiente

Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione Università di Venezia – IUAV

**1994**

Titolo della qualifica rilasciata  
Principali tematiche/competenze professionali possedute  
Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione

Laurea in economia e discipline sociali  
Economia e discipline sociali  
Università Luigi Bocconi, Milano

### **Capacità e competenze personali**

### **Esperienze professionali svolte in veste di rappresentante della Università**

- Responsabile del team di ricerca di supporto e assistenza tecnica al Ministero dell'ambiente nell'ambito della applicazione e promozione dello schema volontario "Made Green in Italy" per la valutazione e la comunicazione dell'impronta ambientale dei prodotti e dei servizi
- Membro del Comitato di Sostenibilità di Eurizon Capital per la valutazione degli investimenti etici ed ambientali e la gestione dei fondi di investimento sostenibili della società
- Consulente di istituzioni bancarie e creditizie sui temi della sostenibilità, dell'etica e della qualità del servizio, quali ad esempio: Unicredit, Banca Intesa San Paolo, Banco BPM, Eurizon Capital, Dubank, Crediop, etc.
- Consulente del Pool RC Ambiente costituito dalle principali compagnie assicurative operanti in Italia sul tema della valutazione dei rischi ambientali e dell'assicurabilità di tali rischi
- Consulente della Commissione Europea - *Directorate General Environment* su molti Impact Assessment studies e altri progetti.
- Consulente di enti internazionali quali *UNEP, UNCTAD, OECD* ed *EUROSTAT* su tematiche di environmental management.
- Consulente della Commissione Europea - *DG Enterprise – EcoInnovation Unit*, sui temi della Eco-Innovation e dell'ETAP ( in ambiti quali: ETAP forum, EuropaInnova, PRO-INNO Europe initiative).
- Consulente di enti operanti nei settori dello sport sui

temi della sostenibilità, quali ad esempio il *TOROC (Torino Olympic Committee)* per i Winter Olympic Games di Torino, la UEFA e la FIGC, nell'ambito del progetto Life TACKLE.

- Membro di Comitati di Salvaguardia dell'Imparzialità presso enti di certificazione di parte terza indipendenti quali: *RINA – Registro Italiano Navale, DNV - Det Norske Veritas, TUV – Rehinland, ICIM, ICPREV.*
- Fondatore e Vice-Direttore del *CeSISP: Centro interuniversitario per la Circular Economy, la Simbiosi Industriale e la Sostenibilità dei Prodotti*, creato dalla Facoltà di Ingegneria dell'Università di Genova, dal Politecnico di Torino e dalla Scuola Superiore Sant'Anna di Pisa.
- Socio Fondatore e consulente scientifico di *CHARTA (Center for Health-Associated Research and Technology Assessment)*, Fondazione operante nei settori della salute delle persone, della sicurezza e dell'ambiente.
- Membro del Comitato Scientifico dell'*ICEI – Istituto di Cooperazione Economica Internazionale.*
- Docente titolare del corso in Industrial Ecology and Green Supply Chain Management nell'ambito del Master *MAGER – Università L. Bocconi.*
- Collaboratore di numerose testate giornalistiche, fra cui: *Sole24Ore, Largo Consumo, Italia Oggi, L'Ambiente, Ambiente e Sicurezza – Sole 24 Ore, Ambiente e Sicurezza sul Lavoro - EPC, Bollettino della Prevenzione, Inquinamento, Protecta, Regioni & Ambiente.*
- Attività didattica sulle tematiche relative alla organizzazione e alla gestione delle problematiche ambientali e della sicurezza presso numerose Università (Università di Manchester - UMIT, Università Economica di Lisbona, Università degli Studi di Genova, Dipartimento di Economia Aziendale dell'Università di Pisa, Dipartimento dei Processi Chimici dell'Ingegneria dell'Università degli Studi di Padova, Facoltà di Economia dell'Università Cattolica del Sacro Cuore di Piacenza, Dipartimento di Economia Pubblica e Territoriale dell'Università di Pavia, Dipartimento di Ingegneria Chimica dei Processi e dei Materiali dell'Università di Palermo, Facoltà di Architettura del

Politecnico di Milano, Università di Catania, Università di Roma - Tor Vergata, Università di Roma III, Università di Cassino, IUSS di Pavia, COREP – Politecnico di Torino)

**Dati personali**

**Informativa sulla privacy**

Ai sensi e per gli effetti di cui all'art.13 del Reg. UE n. 679/2016, i dati personali contenuti nel presente c.v. verranno utilizzati per l'avvio di procedure di selezione e per l'adempimento dei connessi obblighi di legge, anche di natura fiscale. A tale scopo, sono informato che è indispensabile il trattamento dei miei dati personali. I dati formeranno oggetto di diffusione solo in caso di necessità e saranno tenuti a pubblicazione nella sezione "Amministrazione pubblica" del sito internet dell'Università di Cassino. Dichiaro di aver preso visione dell'informativa completa e di aver dato il mio consenso.

Consenso – Esprimo il consenso al trattamento  
 Do il consenso  Nego il consenso

Data 4 giugno 2019

Firma

**DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE**

Avvalendomi della facoltà concessa dall'art. 46 D.P.R. n. 27/2000 stabilite dalla legge per false attestazioni e mendaci dichiarazioni, dichiaro che i dati inseriti nel presente CV sono veritieri.

Data 4 giugno 2019

Firma

**ALLEGATO: COPIA DOCUMENTO  
DI IDENTITA' IN CORSO DI VALIDITA'**

**Allegati**

**Allegato I – Esperienze di ricerca**

**Allegato II – Pubblicazioni**

**Allegato III – Finanziatori pubblici e privati di grants di ricerca a livello nazionale**

## ALLEGATO I – Esperienze di ricerca

I principali progetti internazionali di ricerca che il Prof. Fabio Iraldo ha coordinato sono i seguenti:

- 1997, **ENVIS** (Environmental Innovation and SMEs), in co-operation with the Brighton University, Universidade Moderna de Lisboa, TNO in Delft and Danish Technology Institute in Copenhagen, funded by Directorate General XXIII (Directorate General Small Enterprises)
- 1998, **Disseminating EcoDesign to SMEs**, in partnership with IPTS in Sevilla and TNO in Delft (Fifth Research Framework Programme, European Commission)
- 1998, **AIMS EMAS** - Assessing the Implementation of the Eco-Management and Audit Scheme, in partnership with the Imperial College of Science and Technology in London, funded by European Commission DGXI (Directorate General Environment)
- 1999, **Economic Instruments for Sustainable Development**: improving the external and working environment, in partnership with National School for Advances Studies in Agronomic Science di Montpellier and Roskilde University, funded by the European foundation for the Improvement of Working and Living Conditions in Dublin
- 1999, Marketing Study: **promotion and Diffusion of the EU Eco-label** funded by European Commission Directorate General XI, (Directorate General Environment – Eco-Label Unit)
- 2000, **EcoEfficiency Indicators**, 3-years project for the definition of Eco-Efficiency indicators for the industrial branches at NACE code 2 digit level, funded by EUROSTAT
- 2003, **PIONEER** (Paper Industry Operating in Network: an Experiment for EMAS Revision) funded by the LIFE Programme – European Commission, Directorate General Environment. The project aims at defining and experimentally apply a methodology based on the Emas Regulation to the paper-industry territorial cluster of Lucca, Tuscany, Italy.
- 2003, **INTEND** (International System for ISO14025 EPDs - Environmental Product Declarations), funded by the Life Programme – European Commission, Directorate General Environment
- 2004, **ESEMPLA** (Esperienza Sperimentale di EMAS nel Monitoraggio e nella Pianificazione Locale dell'Ambiente) – funded by the ECOSIND Action, within the INTERREG III Programme of the European Commission
- 2005, **MARRAKEMAS** (experimental project for the EMAS Registration of the Municipality of Marrakesh), funded by the European Commission Life "third Countries" Programme - Directorate General Environment
- 2005, **INTER-ECO-TUR** – Project for the diffusion of environmental management tools in the Tourism sector, funded by the TREND action, within the INTERREG III European Commission Programme
- 2005, **EVER** (Evaluation of EMAS and Eco-label for their Revision), study for the support of the revision processes, funded by Directorate General Environment, EMAS and Eco-label Unit

- 2006, **COOPERATE** (Corporations Operating in a Transparent and Ethic Environment), funded within the action programme “Mainstreaming CSR to SMEs”, by European Commission Directorate General Enterprise
- 2006, **PAMLED** – Building effective Partnerships among European and Mediterranean Municipalities for Local Sustainable Touristic Development, funded by the European Commission EUROMED programme.
- 2006, **PROGRESLAND**: PROgram for valorising the RESources of the LANDscape, funded by the INTERREG III C programme.
- 2007, **ENVIRONMENT AND COMPETITIVENESS**, in partnership with the Wuppertal Institute, IEEP London, FFU Berlin and Adelphi Consult, funded by European Commission Directorate General Environment
- 2007, **EMPIRE** (Environmental regulation and Market-forces Providing Incentives for Resource Efficiency), as a part of the SKEP study, funded within the Sixth Research Framework Programme of the European Commission
- 2008, **Technical review guidance for LCA – Life Cycle Assessment, embedded into an accredited certification scheme**, funded by Institute for Environment and Sustainability of the European Commission – Directorate General JRC (Joint Research Center) in Ispra
- 2008, **ECCELSA** (ECAP application based on Cluster Experiences and Local SME-oriented Approaches), funded by the Life+ Environmental Programme of the European Commission Directorate General Environment
- 2008, **COSMIC** (CSR-Oriented Supply-chain Management to Improve Sustainability), funded by the European Commission – Directorate General Enterprise
- 2009, **IMAGINE** (Innovations for a “Made Green in Europe”), funded by the ECOINNOVATION initiative by the European Commission CIP – Competition and Innovation Programme. The objective of the project is to diffuse environmental innovations relating to organisations and products among the companies operating in various phases of the fashion supply-chain.
- 2009, **MED\_IPPC\_NET** (Study on the application of the EC Directive 96/61 on Integrated Pollution Prevention and Control), funded by the INTERREG MED Programme, in partnership with IAT – Istituto Andaluso de Tecnologia.
- 2009, **RESMAR** (RESeu pour l’environnement dans l’espace MARitime), funded by “Italie-France Maritime” INTERREG Programme, European Commission. It is a Maritime Strategic project because it provides a cross-border cooperation Italy – France with a wide field of application, on the coastal and marine areas of high Tyrrhenian and aims develop common policies, integrated and shared in the environmental sector and rural and marine products in the territories of the partner regions.
- 2010, **BAT4MED** (Boosting Best Available Techniques in the Mediterranean Partner Countries) approved and funded by the European Commission Seventh Framework Research Programme. The project aims at analysing the potential impact of the introduction of the Integrated Pollution Prevention and Control (IPPC) concept in the Mediterranean region. The overall objective is to ensure a higher level of environmental protection of the region, minimising the negative impacts associated with activities, products and services from key industrial sectors in Mediterranean Partner Countries (MPC)

- 2010, **LAIKA** (Local Authorities Improving Kyoto Actions), funded by Life+ Environment, European Commission - Directorate General Environment. The LAIKA project actions are based on a methodological approach developed by the partners prior to the project and outside its scope, with the promotion of Regions belonging to Cartesio network (Emilia Romagna, Lazio, Liguria, Lombardia, Sardegna and Toscana).
- 2011, **BRAVE** (Better Regulation Aimed at Valorising EMAS and Ecolabel), funded by Life+ Environment, European Commission - Directorate General Environment. The BRAVE project aims at connecting the "Better Regulation" approach of the EC with the new EMAS and Ecolabel Regulations and the ECAP priorities, giving value to the commitment of companies that chose to register in EMAS or adopt the EU Ecolabel by granting them administrative and economic benefits.
- 2011, **Economic Analysis of Environmental Policies and of sustainable development**, framework contract for consultancy services with European Commission – DG Environment.
- 2011, **Industrial competitiveness for a Sustainable Future**, Multiple Framework Contract for consultancy services with European Commission – DG Enterprise.
- 2012, **SCP - Sustainable Consumption and Production Impact assessment Study**, within the Economic Analysis of Environmental Policies and of sustainable development framework contract for consultancy services with European Commission – DG Environment (including a thorough and wide Stakeholder consultation exercise). The goal is to allow industry to transform environmental challenges into economic opportunities by fostering sustainable production and consumption on the basis of a strong framework for product policy.
- 2012, **GPP – Green Public Procurement Impact assessment Study**, within the Economic Analysis of Environmental Policies and of sustainable development framework contract for consultancy services with European Commission – DG Environment (including a thorough and wide Stakeholder consultation exercise). This project aims at supporting DG Environment in the Impact Assessment of new GPP policies to be developed by the European Commission.
- 2012, **Green procurement strategies for the international exhibition EXPO Milan 2015**, 4-years study on behalf of the Organiser of the EXPO 2012 in Milan. The project, funded by the EXPO 2015 Organiser, aims at identifying and assessing the available methodologies and elaborating the criteria for a "green procurement" (GP) of the goods and services that are (and will be) needed for planning, organizing and carrying out the EXPO 2015 in Milan. The project will develop guidelines for some key-categories of supplies for EXPO 2015, producing a significant environmental footprint in their life-cycle.
- 2013, **PREFER – Product Environmental Footprint Enhanced by Regions**, funded by the LIFE+ 2013. It aims at developing the PEF – Product Environmental Footprint methodology (Recommendation 2013/179/UE) as a basis for policies and initiatives to improve resource efficiency and reduce the environmental impact of products, in a life cycle perspective. The general aim of the project is to set up actions at the Regional level to promote and strengthen the use of the PEF methodology in the product-oriented environmental strategies of SMEs by adopting a cluster approach.
- 2013, **ECO –SCP –MED**, is a 16-months project which aims at enhancing sustainability-oriented supply chain management in the MED area. The project capitalizes outputs and mutualize achievements in view of future policy evolution, and particularly of the next EC programming period. It facilitates knowledge creation and spreading on Sustainable Consumption and Production practices, and fosters awareness-rising on eco-innovation



- **2014, Evaluation of the EU Eco-Management and Audit Scheme (EMAS) Regulation 1221/2009 EC** - The objective of the project is to analyse the strengths and weaknesses of Eco Management and Audit Scheme and to make recommendations for a possible review of the Regulation. The research project has been assigned through a competitive tender to a consortium between the German consulting company Adelphi and the Institute of Management of Scuola Superiore Sant'Anna. The study is mainly aimed to assess the capacity of EMAS to lead to improve environmental management, to trigger innovation in the registered companies and to be a leverage for competitiveness. The outcome of the study will also aim to deliver usable "building blocks" for a possible impact assessment that would have to be carried out for the future EMAS revision. *[Role: designer of the proposal and scientific coordinator of the project]*
  
- **2014, Durability of Products** - The study aims at carrying out an assessment on the use and valorisation of the "durability" concept for the circular economy under the Eco-Innovation Action Plan. It has been carried out by Ricardo-AEA, Intertek and SuM - Scuola Sant'Anna on behalf of the European Commission, DG Environment. The purpose of this 1-year study is to identify two products for which extended durability would be beneficial from the environmental and economic point of view, both at the corporate and at the policy level. The study also estimated the benefits and costs of introducing more durable products by companies. *[Role: designer of the proposal and scientific coordinator of the Sant'Anna research tasks]*
  
- **2014, Evaluation of the EU Ecolabel Regulation 2010/66-EC** - The study supported the Evaluation of the state-of-the-art and implementation of the EU Ecolabel Regulation 2010/66/EC and has been carried out on behalf of DG Environment. In detail, the study focused on the Ecolabel contribution to Sustainable Consumption and Production policies, with particular reference to the perception and role of the scheme among the companies involved in its application. The "business model" adopted and the barriers and drivers for the interested companies have been thoroughly assessed. Grounding on this analysis, the study proposes scenarios and options for the future improvement of the EC Ecolabel, to become a useful marketing and management tool for corporate environmental strategies. *[Role: designer of the proposal and scientific coordinator of the project]*
  
- **2014, Pilot Studies on Leather products and on Beer for the EC Product Environmental Footprint** – These "twin" studies have been carried out within the framework of the so-called PEF pilot studies of the European Commission. The aim was to develop and deliver to the interested industrial sectors a method to measure, manage and communicate the environmental footprint of their products and services to the market. The two studies have been carried out on behalf of the respective EU Trade Associations (COTANCE and Brewers of Europe), based on a competitive call for tenders procedure. Both studies encompassed the development of the Product Environmental Footprint Category Rules (PEFCRs), the setup of supporting studies to measure the environmental performance of real products and the testing in-field of "communications vehicles" for companies. *[Role: designer of the proposal and scientific coordinator of the project]*
  
- **2014, An effective sustainable product policy framework** – In this project, the Institute of Management of Scuola Superiore Sant'Anna was a partner of CE Delft – an independent research organisation- and Ricardo-AEA -an internationally-renowned consultancy. The project has been carried out on behalf of European Commission DG Environment. The main objective of this project was to identify and assess different actions and measures to increase the effectiveness and efficiency of the existing policies addressing environmental impacts of products. To this purpose, several aspects were investigated, such as: the market dynamics of green products, the management approaches adopted by companies to cope with the challenges of a growing demand for green products, etc. *[Role: designer of the proposal and scientific coordinator for the Sant'Anna research tasks]*
  
- **2015, VERINET (Verification in Italy for Innovative Environmental Technologies)** – The project aims at promoting the diffusion of the ETV scheme in Italy on behalf of the European Commission DG Environment. Within the project, Sant'Anna school is responsible for a study on the state of the art and development of green technologies at the national level and on the drivers that can prompt the success of a voluntary verification of the greener technologies. *[Role: scientific coordinator of the Sant'Anna research tasks]*

- **2015, IRIS (Improving the Resilience of the Industrial Sector)** – The aim of the study is to support industrial companies to cope with the consequences of climate change. During the project, a methodology for the climate-related risks for companies has been developed and tested as a decision-making support tool. The methodology is tested to help companies involved in the project to define and carry out adaptation management strategies to prevent risks related to business continuity, asset integrity, market response, legal compliance, etc. The project is funded by the European Commission DG Environment LIFE Programme and is to be completed in 3 years. *[Role: designer of the proposal and scientific coordinator of the project]*
- **2015, Life Cycle Costing calculation tool** - The life cycle cost of a product or a service includes purchasing and functioning costs, as well as costs related to the end-of-life phase (e.g. recycling costs, dismantling costs) and to environmental externalities, such as greenhouse gases and other polluting substances. The objective of the 1-year project “Life Cycle Costing (LCC) calculation tool”, financed by the European Commission and coordinated by Studio Fieschi with the support of the Institute of Management at Scuola Superiore Sant’Anna of Pisa, is to design, and test in-field, a tool to facilitate the application of life cycle costing by companies participating in public tenders. *[Role: designer of the proposal and scientific coordinator of the project]*
- **2016, BRAVER (Boosting Regulatory Advantages Vis à vis Emas Registration)** - The study has been funded under the LIFE programme of the European Commission – DG Environment, it is a 3-year project and it involves partners from Spain, Check Republic and Cyprus. The main expected result of the BRAVER Project is to favor an effective environmental management by companies, by way of identifying and developing actions for Better Regulation and Regulatory Relief. The study also aims to practically adopt and experiment these actions in order to test their usefulness and efficiency (and related benefits) from the corporate management point of view. *[Role: designer of the proposal and scientific coordinator of the project]*.
- **2017, RECYPACK** - The study has been funded under the LIFE programme of the European Commission – DG Environment. It is conceived as an experiment to test new managerial approaches for companies operating in the retailing sector to apply the Circular Economy most innovative business models. During the project, management and operational modalities to “close the loop” of plastic wastes that are not currently valorized in the recycling national system, such as PE and EPS. The study encompasses behavioral testing activities involving the final consumer choices at the point of sale. *[Role: senior expert on consumer behavior and circular economy within the project]*.
- **2017, EFFIGE (Environmental Footprint For Improving and Growing Eco-efficiency)** – The EFFIGE project has been funded by the Life Environment 2017 Programme by the European Commission. It aims to improve the environmental performances of products operating in several different industrial sectors involved in the project by means of the implementation of EU Product Environmental Footprint (PEF) method, established in the EU Rec. 179/2013. By using the PEF as an environmental management tool for supporting the decision process within companies and removing information asymmetries on the final good market, the EFFIGE project supports a number of pilot companies by way of an action-research approach, in focusing on the environmental “hot spots” of their product life-cycle and value chain. This will help them design and implement effective strategies to develop and market more sustainable products. *[Role: designer of the proposal and scientific coordinator of the project]*.
- **2017, RAVE (Reinforcing the Added Value of Emas)** - The study, funded by the European Commission – DG Environment, has been launched to explore measures for strengthening the potential of EMAS to create further added value for authorities and organisations. It aims to identify how EMAS and environmental management schemes in general could be better recognised in regulations, to save both time for organisations and authorities. The aim of the study is therefore to investigate the adoption and effectiveness of regulatory relief measures addressed to EMAS-registered and ISO-certified organisations. It is also investigating ways to improve environmental reporting practices for registered organisations. *[Role: designer of the proposal and scientific coordinator of the project]*.
- **2017, ENHANCE (Emas as a Nest to Help and Nurture the Circular Economy)** – The study, 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 study, as a driver for the Circular Economy by encouraging organisations to develop techniques which 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 main objective is therefore to increase SMEs competitiveness through resource efficiency, by fostering the exchange of experiences and practices on EMAS registration. *[Role: designer of the proposal and scientific coordinator of the project].*

- **2018, LIFE17 GIE/IT/000611 TACKLE: TEAMING-UP FOR A CONSCIOUS KICK FOR THE LEGACY OF ENVIRONMENT** 01.09.2018 – 30.09.2021 (Coordinator) Total budget: € 1.947.070,00; Budget Sant'Anna: € 475.811,00 The project aims to promote actions for the environmental management of football matches and the environmental awareness of fans. → <https://lifetackle.eu/>
- **2018, HORIZON 2020 S-PARCS: ENVISIONING AND TESTING NEW MODELS OF SUSTAINABLE ENERGY COOPERATION AND SERVICES IN INDUSTRIAL PARKS 01.03.2018 – 28.02.2021** (Partner) Total budget: € 1.997.325,00; Budget Sant'Anna: € 252.250,00 The project presents a sound concept for reducing energy costs and energy consumption in industrial parks, while increasing renewable on-site energy production. → <https://www.sparcs-h2020.eu/>
- **2019, LIFE18 GIE/IT/000735 MAGIS: MADE GREEN IN ITALY SCHEME** 02.09.2019 – 30.12.2022 (Partner) Total budget: € 2.624.168,00; Budget Sant'Anna: € 256.466,00 The project targets consumers and producers to support the spread of the PEF method and of the PEFbased Made Green in Italy scheme. It will stimulate PEF-related innovation, improve communication about green products, and incentivize consumers to purchase greener products. → <https://lifemagis.eu/>
- **2019, INTERREG-MED INCIRCLE: SUPPORT INSULAR AND LOW DENSITY AREAS IN THE TRANSITION TOWARDS A MORE CIRCULAR TOURISM ECONOMY** 01.11.2019 – 30.06.2022 (Partner) Total budget: € 3.378.770,00; Budget Sant'Anna: € 260.000,00 The project aims to apply the principles of the circular economy to the tourism sector in insular and scarcely inhabited MED areas. To this end, it aims to capitalize on the existing knowledge and tools currently available to test a new methodology on four main areas of application: mobility, energy efficiency, water resource management and waste management. → <https://incircle.interreg-med.eu/>
- **2020, ERASMUS+ SPORT GREENCOACH: INCORPORATING SUSTAINABILITY IN THE GOVERNANCE OF SPORTS ORGANISATIONS** 01.01.2020 – 31.12.2023 (Partner) Total budget: € 408.072,00; Budget Sant'Anna: € 65.000,00 The project addresses grassroots sport organisations and aims to improve their environmental impacts by incorporating monitoring and benchmarking activities and sustainability as a cross-cutting element in their daily management. It also aims at promoting healthy lifestyles at individual and community levels, especially among young athletes.
- **2020, COSME TOURISME: BOOSTING SUSTAINABLE TOURISM DEVELOPMENT AND CAPACITY OF TOURISM SMEs THROUGH TRANSNATIONAL COOPERATION AND KNOWLEDGE TRANSFER** Starting in Sept 2020 for a duration of 30 months (Partner) Total budget: € 995.146,00 The project aims to promote the adaptation of European tourism SMEs towards more sustainable, lowcarbon and resource-efficient business models by scaling-up their activities and build capacity through knowledge transfer, exchanges and collaboration with other SMEs, business accelerators, incubators, development agencies and other tourism industry stakeholders.
- **2020, LIFE19 CCM/IT/001201 CO2PES&PEF: PROMOTION AND ENHANCEMENT OF FOREST SYSTEM THROUGH DIFFERENT ECOSYSTEM SERVICES AIMED TO INCREASED CARBON STOCK** 03.06.2020 – 31.12.2023 (Coordinator) Total budget: € 1.014.215,00; Budget Sant'Anna: € 266.909,00 The project aims to: a) analyse the ecosystem services of three forest areas, representative of the Alpine and Appennines areas, and the operative implementation of some of them; b) analyze the lifecycle of wood products produced in these areas in accordance with the PEF methodology and the EU Rec 2013/179 and minimize the impacts of the industry; 3) provide support to policy makers in order for them to be able to replicate the project's results at the national and international levels.

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## ALLEGATO II – Pubblicazioni più rilevanti

### **1. LIBRI**

- *Sicurezza, ambiente e qualità: la gestione integrata nelle piccole e medie imprese industriali lombarde*, con V. Biondi, M. Frey, M. Gilioli e S. Marmorato, Il Sole 24 Ore Pirola, Milano, 1999.
- *L'impresa comunica l'ambiente*, con N. Gorla, Franco Angeli, Milano, 2001.
- *Gestione del prodotto e sostenibilità*, con M. Frey e G. Carnimeo, Franco Angeli, Milano, 2002.
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### **Allegato III – Finanziatori pubblici e privati di grants di ricerca a livello nazionale**

Ministero del lavoro

Ministero dell'ambiente

MIUR- Bandi PRIN

ENEA

INAIL

ISPESL

ISPRA

Regione Basilicata

Regione Emilia Romagna – ERVET

Regione Lazio

Regione Liguria – Liguria Ricerche

Regione Lombardia

Regione Toscana

ARPA Emilia Romagna

ARPA Liguria

ARPA Lombardia

ARPA Toscana

Provincia di Bologna

Provincia di Firenze

Provincia di Lucca

Provincia di Milano

Provincia di Pisa

Provincia di Prato

Provincia di Siena

Comune di Lucca

Comune di Milano

Comune di Pisa

CiAI

CONAI

COBAT

Comieco

Corepla

Ecopneus

Consorzio RICREA

RINA

Certiquality

CSQA

DNV – Det Norske Veritas  
IMQ  
Ecoway  
ERM Italia  
Fondazione CR Lucca  
EXPO Milan 2015  
TOROC  
A2A  
AB Inbev – SabMiller  
Abbvie  
ABB  
Agusta Westland  
Autostrade  
Banca Intesa – San Paolo  
Banco BPM  
Barilla  
BASF  
Carlsberg  
Concorde  
Danone  
Ecolucart  
Edison  
ENEL  
ENI  
ERG  
Eridania  
Feralpi Siderurgica  
Ferrero  
Ferrovie dello Stato  
Fiat Auto  
Fineco  
FSI – Fondo Strategico Italiano  
FPT Industrial  
Heineken  
IBM  
Ikea  
Istituto Poligrafico Zecca dello Stato  
Italtel  
Kraft  
Lavazza  
LECA – Laterlite

Lonza  
Luxottica  
MAPEI  
Materis Paints  
METRO Cash & Carry  
Mondelez  
New Holland  
Piaggio  
Pirelli Tyres  
Poste Italiane  
Procter & Gamble  
Reale Mutua Assicurazioni  
Sammontana  
Saras  
Siemens  
SNAM  
Sofidel  
Sogin  
ST Microelectronics  
Tenaris  
Terna  
Tioxide Europe  
Unicoop Tirreno  
UniCredit  
Unilever  
Vodafone Italia  
Whirlpool  
Assolombarda  
Confindustria Bergamo  
Confindustria Latina  
Confindustria Lucca  
Confindustria Prato  
Confindustria Toscana Nord  
Assocarta  
Associazione Conciatori  
Assolatte  
Assoreca  
Confcommercio  
Confindustria Ceramica  
Consorzio Conciatori  
Cosmetica Italia



Federchimica

UCIMU

UNIC

Unicredit

**Il Sottoscritto, consapevole che – ai sensi dell’Art. 76 del D.P.R. 445/2000 – le dichiarazioni mendaci, la falsità negli atti e l’uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali, dichiara che le informazioni rispondono a verità.**

**Il Sottoscritto in merito al trattamento dei dati personali esprime il proprio consenso al trattamento degli stessi nel rispetto delle finalità e modalità di cui al D. Lgs. n. 196/2003.**

In fede,

Prof. Fabio Iraldo

Pisa, 04/11/2022

A handwritten signature in black ink, appearing to read 'Fabio Iraldo', written in a cursive style.