

ELISA CHIOATTO

CURRENT POSITION

PhD student in Economics and Management of Innovation and Sustainability – Department of Economics and Management, University of Ferrara, Via Voltapaletto 11, Ferrara.

Research project: “Circular economy at the firm level: how to operationalize the concept”.

Researcher Affiliate at:

SEEDS (Sustainability Environmental Economics and Dynamics Studies), Ferrara (Italy), since October 2019

Sustainable Development Solution Network – Senior Working Group on European Green Deal, ATHENA Research and Innovation Centre, Athens (Greece), since October 2021.

WORK EXPERIENCE

October 2021-December 2021

Visiting Researcher
Athens University of Economics and Business, Athens
ReSEES Laboratory at Athens University of Economics and Business; Sustainable Development Solution Network – Senior Working Group, Greece

June 2019 – September 2019

Programming and Control procedures for European Structural and Investment Funds
Regione Veneto – Area Tutela e Sviluppo del Territorio
Venice, Italy
June 2019 – September 2019
Programming and Control procedures of SIE Regional Funds (FESR, FSC) according to EU legislation (2014-2020). The project has been specifically focused on the field of environmental and territorial conservation

October 2018 – May 2019

Assistant EU-Project Manager
EUAbout
Brussels, Belgium
October 2018 – May 2019

- Research activity on EU environmental policies, focused on Circular Economy and Waste Management
- Drafting of the paper *The EU Roadmap: from Waste Management to Circular Economy*, presented at the HERAKLION 2019 7th International Conference On Sustainable Solid Waste Management
- Participation at the workshop “Comparative LCA for Plastic Production Workshop” at the European Commission
- Drafting of a project for the call SME Instrument 2019 (phase1) HORIZON 2020

August 2017 – December 2017

- Research of new funding.

**Assistant EU-Project Manager
Youth in Science and Business Foundation
(YSBF)**

Tallinn, Estonia

Responsible for project management and delivery and management support in all projects followed by the company:

- Drafting of an Erasmus+ project
- Communication and collaboration with project-related partners
- New partners' research (Cordis, Financial Transparency Portal)
- Research of new funding
- Marketing activities for funded-related projects

EDUCATION

October 2016 – July 2019

Master's Degree in Comparative International Relations

Ca' Foscari University, Venice*Thesis:* European Union Towards Circular Economy: From Waste Management to Circular Economy-Material Efficiency: The role of Municipal Waste Management in the European Union. A comparative study (Result: 110L).**October 2018 – March 2019**

Specialization courses

Venice International University (VIU)

San Servolo, Venice

- Environmental and Natural Resources Economics (30L/30)
- Globalization, Environment and Sustainable Development (30/30)
- Environment Risk Analysis and Emergency Response (30/30)

October 2011 – October 2014

Bachelor's Degree in Humanistic Sciences, Philosophy

Alma Mater Studiorum – Università di Bologna*Thesis:* L'utilità del sapere inutile: da Abraham Flexner a Margherita Hack (Result: 106/110).**2006-2011**

High School Diploma

Liceo Classico Ludovico Ariosto, Ferrara**OTHER COURSES**

Postgraduate course: Panel Data Econometrics: theory and applications
SiDE, Bertinoro

24 - 30 July 2022

Postgraduate course: Introductory Econometrics

SiDE, Bertinoro

6-11 June 2022

Summer School: Introduction to Statistics for Social Science Research with SPSS

University of Essex, Essex

August 2021

Seasonal School in Circular Economy and Sustainability Management

Scuola Superiore Sant'Anna, Pisa

2020

The CESM course has explored organizational aspects and innovation facets related to all phases of the product life cycle; moreover, it provided a practical overview of how processes, decisions and business models should change in light of the new circular economy paradigm.

ONGOING RESEARCH PROJECTS

- Horizon 2020 "SUSTRACK-Supporting the identification of policy priorities and recommendations for designing a sustainable track towards circular bio-based systems. Leader: Piergiuseppe Morone (Unitelma Sapienza Rome)
- ERASMUS + "TICHE (Academy): Training Innovation for Circularity and Holistic economies". Leader: CENTOFORM.

ONGOING RESEARCH ACTIVITY

- Analysis of the **drivers of Circular Innovation** at the firm level through the use of behavioural economics insights. This study aims to analyse whether the decision of firms to introduce circular innovation, is influenced by the behaviour of their peers (co-authors S. Mancinelli, D. Antonioli, F. Nicolli). *Data from a CERCIS survey on Italian SMEs.*
- Circular innovations and strategies in Italian SMEs (Co-author Emy Zecca.) for Handbook of Innovation Society and Environment Edited by Roberto Zoboli, Fernando Diaz-Lopez, Massimiliano Mazzanti.
- Analysis of **contagion processes** for the introduction and non-introduction of **environmental innovation** among Italian firms. The key research question is: whether the adoption of circular innovation by firms is determined by a contagion effect, and how this contagion spreads following specific firms' characteristics (co-authors S. Mancinelli, M. Mazzanti, S. Ragni, E. Zecca). *Data from a CERCIS survey on Italian SMEs situated in the Emilia-Romagna region.*
- Analysis of the links between **circular economy and the labour market**. In particular, the study aims to analyse how the adoption of circular innovation is connected with the presence of specific skills spread throughout the territory (co-authors D. Antonioli, N. Barbieri, M. Mazzanti). *Data from a CERCIS survey on Italian SMEs.*
- Analysis of the acceptance of **cultured meat** among Italian **future chefs** (co-authors F. Fortezza, M. Gilli, S. Mancinelli, F. Nicolli). *Data was collected from a survey organized by the Department of Economics and Management-University of Ferrara.*
- Analysis of the acceptance of **cultured meat** among **Italian consumers** (co-authors F. Fortezza, M. Gilli, S. Mancinelli, F. Nicolli). *Data was collected from a survey organized by the Department of Economics and Management-University of Ferrara.*

- **Economic valuation of the European Ecosystem services**, in order to shed light on the full cost associated with the transition from ecosystems' status quo to the complete achievement of the 17 SDGs. The empirical analysis is aimed at first, deriving the economic value of EU ecosystems, then building on the results, the study will integrate the unit value of ecosystems with the SDG index. This allows achieving the second objective of the study, which consists in measuring the social-economic value derived from shifting from ecosystems' status quo toward the full achievement of SDGs (co-authors P. Koundouri, G. Halkos)
- **Municipal Waste in the European Union: A Data Envelopment analysis and a Convergence analysis at the regional level.** Under review on *Environmental Science and Pollution Research*. Pre-print <https://www.researchsquare.com/article/rs-924770/v1>.

PARTICIPATION IN RESEARCH PROJECTS/ACTIVITIES

- Organization of the training course "Circular Economy and Industrial Policy" in collaboration with UNIDO (United Nations Industrial Development Organization), October-November, 2022.
- Participation in the EIT RAW MATERIALS EXPERT FORUM 2022, Berlin 27-29 June 2022
- Proposal "Partenariati estesi alle università, ai centri di ricerca, alle aziende per il finanziamento di progetti di ricerca di base" – nell'ambito del Piano Nazionale di Ripresa e Resilienza, Missione 4 "Istruzione e ricerca" – Componente 2 "Dalla ricerca all'impresa" – Investimento 1.3, finanziato dall'Unione europea – Next Generation EU "KITS - Knowledge and Innovation platforms for Transitions towards Sustainability" a valere sull'area tematica 9. Sostenibilità economico-finanziaria dei sistemi e dei territori, May 2022.
- Organization of the survey on Circular Economy and Innovation between firms in the construction sector situated in the Emilia-Romagna region, in collaboration with Patrizia Bianconi (Cabinet of the President's Council Emilia Romagna Region), April-July 2022.
- Proposal SID 2022: Skills, Tasks, and Occupations for the Circular Economy (STOCE), April 2022.
- PRIN: RESEARCH PROJECTS OF RELEVANT NATIONAL INTEREST – 2022 Call for proposals "CC-ES Circular Cooperatives for Economic, Environmental and Social Sustainability", March 2022.
- Proposal "NetShift" Horizon ID- LC-GD-10-02-2020 - Behavioural, Social and Cultural change for Green Deal, January 2021.
- Organization of the survey on Circular Economy and Innovation between firms situated in the Emilia-Romagna region, January 2020.
- Proposal "BIOTRACE" Horizon BBI-2020-SO4-S4 - Expand circular economy to include the underexploited circular bioeconomy, August 2020.
- Proposal "PREVEN Full Electric One Step Machine for Bio Plastic" - Horizon 2020 - Research and Innovation Framework Programme", September 2019.

TEACHING ACTIVITIES

Teaching Assistant of *Behavioural Economics for the Environment*, Department of Economics and Management, University of Ferrara (since 2020)

Part of the scientific technical committee of the following training plans:

- Redux approved by Fondimpresa, call 2/2021- AV/184/21°
- Renew – Reduce Energy Waste” approved by Fondimpresa, call 2/2021 - AV/046A/21A
- Move– Monitoraggio, Ottimizzazione E Valutazione Delle Emissioni Inquinanti” approved by Fondimpresa, call 2/2021 - AV/043B/21A

- Course “From a linear toward a circular model: barriers and opportunities” for FAV Scuola di Industrial Management-Confindustria Emilia Area Centro, training course *Sostenibilità Ambientale dei Processi Produttivi* part of the project *Formazione permanente per la filiera Meccanica, Meccatronica e Motoristica* in Romagna Rif. PA 2021-15643/RER approvata con Deliberazione di Giunta Regionale n° 962 del 21/06/2021, cofinanziata con risorse del Fondo sociale europeo PO 2014-2020 Regione Emilia-Romagna (November 2022).
- Seminar “What do you know about Circular Economy: an introduction to the concept and data analysis” for the Master’s course in *Environmental Economics and Policy* headed by Prof. Massimiliano Mazzanti (October 2022).
- Course on “L’impatto della tecnologia sull’organizzazione produttiva” “I benefici del green manufacturing” “Barriere e driver dell’adozione di innovazioni circolari” for the ECIPAR training course *Tecnico di industrializzazione del prodotto e del processo con specializzazione in green manufacturing* (April-May 2022).
- Seminar “ Do firms care about peers when choosing to go circular? Peer effect among Italian firms in the introduction of circular innovation” for the Master’s course in *Behavioural Economics for the Environment*, headed by Prof. Susanna Mancinelli (May 2022).
- Seminar “An introduction to Circular Economy” for the course in Political Economics, headed by Prof. Massimiliano Mazzanti (May 2022).
- Seminar” *Economia Circolare e green jobs*” for Istituto di Istruzione Superiore Giosuè Carducci (May 2021).
- Seminar “Peer effect for pro-environmental behaviours at the firm level” for the Master’s course *Behavioural Economics for the Environment*, headed by Prof. Susanna Mancinelli (April 2021).
- Seminar “*Economia Circolare nel settore tessile*” at ITIS N. Copernico, Ferrara (April 2021).

CONFERENCES

- 8TH ENVECON Conference, presentation of the paper *Do firms care about peers when choosing to go circular? Peer effect among Italian firms in the introduction of circular innovation*, 2-3 December 2022
- AmICUS PhD Symposium, presentation of the paper *Which innovations for Circular Business Models? A Product Life-Cycle approach*, November 9, 2021
- SEEDS Annual Workshop presentation of the paper *Which innovations for Circular Business Models? A Product Life-Cycle approach*, November 4, 2021.
- THESSALONIKI 2021 8TH International Conference On Sustainable Solid Waste Management, presentation of the paper *Municipal Waste in the European Union: A Data Envelopment analysis and a Convergence analysis at the regional level*.
- Presenter at the Webinar organized by IFAB: *Indagine regionale sull’ Innovazione Circolare nelle Imprese Manifatturiere Emiliano-Romagnole*, June 10, 2021.
- Presenter at the Webinar organized by CONFINDUSTRIA: *Rilevazione sull’ Innovazione Circolare nelle Imprese Manifatturiere dell’Emilia-Romagna: un focus su Bologna, Modena and Ferrara*, June 9 2021.
- Presenter at the Webinar organized by Rimini municipality: *Rilevazione sull’ Innovazione Circolare nelle Imprese Manifatturiere dell’Emilia-Romagna: un focus su Rimini*, May 19, 2021.
- Presenter at the Webinar organized by CNA: *Rilevazione sull’ Innovazione Circolare nelle*

- Imprese Manifatturiere dell'Emilia Romagna, un focus su Ferrara*, May 11, 2021.
- CERCIS First Annual Workshop 16th-17th- 18th December 2019, presentation of the paper *Transition from Waste Management to Circular Economy: the European Union Roadmap*.
 - HERAKLION 2019 7th International Conference On Sustainable Solid Waste Management, presentation of the paper *Transition from Waste Management to Circular Economy: the European Union Roadmap*.

PUBLICATIONS

- D. Antonioli, E. Chioatto, M. Mazzanti (2022). Innovazioni ed economia circolare: una prospettiva nazionale nel quadriennio 2017-2020 in *Annuario 2022 socio-economico ferrarese "Ricerche, analisi, commenti su economia e società in provincia di Ferrara e in Area vasta"*. CDS cultura edizioni (Forthcoming publication)
- Chioatto, E., and I. Dibattista, *Circularità e sostenibilità sociale al centro della conferenza annuale Cercis. Green Report*, 2022. <https://greenreport.it/news/economia-ecologica/circularita-e-sostenibilita-sociale-al-centro-della-conferenza-annuale-cercis/>.
- SDSN Europe (2022). *Financing the Joint Implementation of Agenda 2030 and the European Green Deal. 2nd report of the SDSN Senior Working Group on the European Green Deal*.
- Antonioli, D.; Chioatto, E.; Mazzanti, M. 2022. Innovations and the circular economy: a national and regional perspective, *Insights into Regional Development* 4(1): 57-70. [https://doi.org/10.9770/IRD.2022.4.1\(4\)](https://doi.org/10.9770/IRD.2022.4.1(4))
- E. Chioatto, S. Mancinelli, F. Nicolli (2022). Do firms care about peers when choosing to go circular? Peer effect among Italian firms in the introduction of circular innovation, *SEEDS Working Paper Series*, 04/2022. <http://www.sustainability-seeds.org/papers/RePec/srt/wpaper/0422.pdf>.
- E. Chioatto, M. A. Khan, P. Sospiro (2022). Sustainable Solid Waste Management in the European Union: Four Countries Regional Analysis. *SEEDS Working Paper Series*, 03/2022. <http://www.sustainability-seeds.org/papers/RePec/srt/wpaper/0322.pdf>.
- E. Chioatto and P. Sospiro (2022). Transition from waste management to circular economy: the European Union roadmap. *Environment, Development and Sustainability*. DOI:10.1007/s10668-021-02050-3.
- Dibattista, I. and E. Chioatto. Verso la sostenibilità: consapevolezza ed engagement delle nuove generazioni: Uno studio preliminare dell'Università di Ferrara indaga come i giovani ferraresi si approcciano alla transizione. *Green Report*, 2022. <https://greenreport.it/news/economia-ecologica/verso-la-sostenibilita-consapevolezza-e-engagement-delle-nuove-generazioni/>.
- D. Antonioli, E. Chioatto, M. Mazzanti (2021). Innovazioni ed economia circolare: una prospettiva nazionale e regionale in *Annuario 2021 socio-economico ferrarese "Ricerche, analisi, commenti su economia e società in provincia di Ferrara e in Area vasta"*. CDS cultura edizioni.
- Elisa Chioatto, *La transizione verso l'Economia Circolare*, in *Ecoscienza "La sostenibilità al centro, l'Agenda 2030 alla base delle Strategie nazionale e regionali di sviluppo sostenibile"*, 3/2021.
- *Energy and the Circular Economy: Filling the gap through new business models within the EGD* (with Zoboli R., Mazzanti. M., Paleari. S., Bonacorsi L., Chioatto E., D'Amato A., Ghisetti C., Maggioni M.A., Pareglio S.) *Report FEEM* 2020.13
- *Energy and the Circular Economy: How to fill the integration gap?* (with Stefano Pareglio & Roberto Zoboli & Massimiliano Mazzanti & Laura Bonacorsi & Elisa Chioatto & Alessio D'Amato & Claudia Ghisetti & Mario A. Maggioni & Susanna Paleari) Briefs, Fondazione Eni Enrico Mattei, December 2020
- E. Chioatto, E. Zecca, A. D'Amato (2020). Which Innovations for Circular Business Models? A Product Life-Cycle Approach. *Nota di Lavoro* 29.2020, Milano, Italy: Fondazione Eni Enrico Mattei. <http://dx.doi.org/10.2139/ssrn.3754170>.

THESIS SUPERVISOR

Co-supervisor Roberto Chimento (Master's Thesis) *Il Business Plan: strumento di strategia per il project management*, degree course in Ingegneria Industriale - University Ecampus, October 2022.

Co-supervisor Pietro Bocca (Bachelor's Thesis) *Blockchain: dalle Criptovalute all'evoluzione dei Modelli di Business*, degree course in Ingegneria Informatica e dell'Automazione - University Ecampus, October 2022.

Co-supervisor Veronica Barbuti (Bachelor's Thesis) *Imprenditoria femminile e start up innovative delle donne*, degree course in Ingegneria Industriale - University Ecampus, November 2022.

AWARDS AND ACKNOWLEDGEMENTS

Seasonal School in Circular Economy and Sustainability Management, Scuola Superiore Sant'Anna, Pisa, Winner of the 2020/2021 Seasonal Schools with a scholarship funded by The Talent at Work.

International Workshop Advances in Cleaner Production, the presentation was awarded with a Special Mention.

MEMBERSHIPS

Member of the European Association of Environmental and Resource Economists (EAERE), since 2021.

Member of the Italian Association of Environmental and Resource Economics (IAERE), since 2021.

PERSONAL SKILLS

Languages

Mother tongue(s)	Italian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Spanish	B2	B2	B2	B2	B2
Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user Common European Framework of Reference for Languages					

IT skills

- Microsoft Office
- SO Windows
- Matlab
- STATA
- SPSS
- Prezi



The undersigned authorises the processing of his/her personal data pursuant to GDPR 679/16 "European Data Protection Regulation".

The undersigned consents to the publication of this curriculum vitae on the website of the University of the University of Ferrara.

Ferrara 02/01/2023