

CURRICULUM VITAE

PERSONAL INFORMATION

Name	FRANCESCA MEDDA
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Francesca Medda since July 2020 is seconded at the Italian Financial Conduct and Supervisory Authority, Consob. She is coordinating the digital strategy in Consob, by leading the operation plan of digitalization of supervisory activities. At present, 9 projects have been developed and two main agreements (Consiglio di Stato and Ministero dell'Università e Ricerca) to coordinate and support the digital transition in Consob. She is also leading the group dedicated to the Consob regulatory sandbox, in particular the activity of Liftech to assist fintech companies in the entrance to the Italian financial market. In 2021, she has led the plan and organization of Consob G20: *Regulating innovation in the financial system to power a resilient recovery*.

WORK EXPERIENCE

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| • Dates | 2006- to present |
| • Name and address of employer | University College London |
| • Type of business or sector | Education/Research |
| • Occupation or position held | Full Professor of Applied Economics and Finance. She is Founder and Director of UCL Institute of Finance and Technology. The Institute provides research and teaching on digital and innovative finance. |
| • Dates | 2017 |
| • Name and address of employer | Trade and Transport EU-Indonesia Agreement |
| • Type of business or sector | Public Sector |
| • Occupation or position held | Member |
| • Dates | 2017 |
| • Name and address of employer | UNECE- ITU |
| • Type of business or sector | Public Sector |
| • Occupation or position held | Expert member |
| • Dates | 2016- to present |
| • Name and address of employer | EPSRC - UKRI |
| • Type of business or sector | Public Sector |
| • Occupation or position held | Member of the Strategic Advisory Network (SAN) |
| • Dates | 2014-2016 |
| • Name and address of employer | HM Treasury UK |
| • Type of business or sector | Government |
| • Occupation or position held | Economic Advisor |
| • Dates | 2013-2014 |
| • Name and address of employer | The World Bank |
| • Type of business or sector | Investment Bank |
| • Occupation or position held | Project Director/Team Leader |

- Dates **2013- to 2019**
- Name and address of employer UK Department for Environment, Food and Rural Affairs (DEFRA)
 - Type of business or sector Government
 - Occupation or position held Economic Adviser

- Dates **2012-2013**
- Name and address of employer European Investment Bank
 - Type of business or sector Investment Bank
 - Occupation or position held Project Director/Team Leader

Education

1994 Laurea Mechanical Engineer, specialization operational research, Università degli Studi di Cagliari

1996 MSc Mathematical Economics and Econometrics, London School Of economics

2000 PhD Economics, European Turing Institute, Free University Amsterdam

Highlighted

Title	Organisation	Start Date
Vice-President	Parliamentary and Scientific Committee, House of Commons, UK	2015
Member	Commission of The Institution of Engineering and Technology (IET)	2015
Fellow	Institution of Civil Engineering (ICE)	2015
Member	Social Impact Agenda (UN)	2015
Member	Global Land Tool Network Secretariat, United Nations	2007
Member	Economic Commission of UITP (International Association of Public Transport)	2005

Projects

Sector & Project Title	Client	Date	Tasks & Objective
Plastic Waste Innovation Hub	UK Research Council (EPSRC)	2018-2020	Application of blockchain financial mechanism to create plastic credit market
GCRF Multi-Hazard Urban Disaster Risk Transitions Hub	UK Research and Innovation (UKRI)	2018-2024	The financial partnerships and digital financial innovation.
CLIC (Circular models Leveraging Investments in Cultural heritage adaptive reuse)	European Union	2017-2021	Innovative financial, business and governance <i>circular</i> models for heritage urban regeneration
Liveable Cities (Smart and Sustainable Cities)	UK Research Council (EPSRC)	2012-2017	To identify innovative financial tools for urban investment under Public and Private Partnership
New Business for Infrastructure	UK Research Council (EPSRC)	2013-2017	The development and implementation of innovative business models and aims to support UK firms wishing to exploit them in international markets.

Recent Relevant Publications

- Zhang, X., Liu, C., & Medda, F. (2022). [A Smart-Contract-Aided Plastic Credit Scheme](#). *IEEE Systems Journal*, 1-11. doi:10.1109/jsyst.2022.3205266
- Scafoglieri, F. M., Monaco, A., Neccia, G., Lembo, D., Limosani, A., & Medda, F. (2022). [Automatic Information Extraction from Investment Product Documents](#). *Proceedings of the 30th Italian Symposium on Advanced Database Systems*, 3194, 77-84. Tirrenia (PI), Italy: CEUR Workshop Proceedings (CEUR-WS.org).
- Yuen, L., & Medda, F. (2022). [Do DEXs work? Using Uniswap V2 to explore the effectiveness of decentralized exchanges](#). *Journal of Financial Market Infrastructures*. doi:10.21314/JFMI.2022.004
- Ni, P., Yuan, Q., Khraishi, R., Okhrati, R., Lipani, A., & Medda, F. (2022). [Eigenvector-based Graph Neural Network Embeddings and Trust Rating Prediction in Bitcoin Networks](#). *Proceedings of the 3rd ACM International Conference on AI in Finance*. USA: ACM. doi:10.1145/3533271.3561793
- Izzo, C., Lipani, A., Okhrati, R., & Medda, F. (2021). [A Baseline for Shapley Values in MLPs: from Missingness to Neutrality](#).
- Medda, F., & Lipparini, F. (2021). [Impact investment for urban cultural heritage](#). *City, Culture and Society*, 26, 100413. doi:10.1016/j.ccs.2021.100413
- Liu, C., Zhang, X., & Medda, F. (2021). [Plastic credit: A consortium blockchain-based plastic recyclability system](#). *Waste Manag*, 121, 42-51. doi:10.1016/j.wasman.2020.11.045
- Lo, Y. C., & Medda, F. (2020). [Assets on the blockchain: An empirical study of Tokenomics](#). *Information Economics and Policy*. doi:10.1016/j.infoecopol.2020.100881
- Partridge, C., & Medda, F. R. (2020). [Green bond pricing: The search for greenium](#). *Journal of Alternative Investments*, 23 (1), 49-56. doi:10.3905/jai.2020.1.096
- Partridge, C., & Medda, F. R. (2020). [Practical Applications of Green Bond Pricing: The Search for Greenium](#). *Journal of Alternative Investments*, 22. doi:10.3905/JAI.22.S4.031
- Lo, Y., & Medda, F. (2019). [Bitcoin Mining: Converting Computing Power Into Cash Flow](#). *Applied Economics Letters*.