



Curriculum Vitae

Lorenzo Pirelli

PERSONAL INFORMATION

Lorenzo Henri Pirelli



Date of birth:

Nationalities Italian and French

WORK EXPERIENCE

Jan 2010 - ongoing

Senior Auditor / Head of Task in performance auditing of EU funds

European Court of Auditors, Luxembourg (eca.europa.eu)

- Head of Task or core team member of performance audits in the fields of:
 - ✓ **energy:** energy efficiency in public buildings (N° 21/2012), energy storage (N° 4/2019), energy efficiency in residential buildings (N° 11/2020), energy efficiency in enterprises (N° 02/2022), climate and energy targets (N° 18/2023), security of energy supply and smart grids (ongoing)
 - ✓ **environment:** air quality (N° 23/2018)
 - ✓ **agriculture:** rural infrastructure (N° 25/2015), young farmers (N° 10/2017) and contributing to Opinion on the Common Agricultural Policy (N° 7/2018)
 - ✓ **transport:** seaports (report N° 4/2012), multi-modality (N° 3/2013), airports (N° 21/2014)
- **Managing wide-ranging audit teams** (4 times as Head of Task, 4 times as Deputy Head of Task), dealing effectively with internal and external stakeholders
- **Designing complex audit plans, applying new methodologies** (cost-benefit, benchmarking, catchment area analysis, foresight, data analysis tools) to assess the performance of EU-funded programmes and disseminating such methods in other audits via active participation in knowledge nodes (e.g. organising a course on counter-factual methods with the Joint Research Centre)
- **Drafting and disseminating audit reports** at European Parliament, Council, Commission and national audit institutions to support policy making based on audit evidence
- **Delivering internal and external trainings** on performance audit methodologies, contributing to briefing papers / reviews / opinions, drafting publications in specialised journals (e.g. European Structural and Investment Funds Journal, European Court of Auditors' journal, European University Institute)
- EU Ambassador for the **Back to School programme** (since 2015) presenting the EU to students
- **EU fellow** (in 2020-2021) at the European University Institute, Florence School of Regulation

2015 - ongoing

Lecturer / External expert

- Lecturer of several courses on **performance auditing and project evaluation methods**, addressed to managers of EU funds, for the following bodies:
 - ✓ European Institute of Public Administration (eipa.eu/speaker/lorenzo-pirelli), in Italy in collaboration with the National School of Administration and Italian Court of Auditors
 - ✓ European Academy for Taxes, Economy and Law
 - ✓ European Parliament Research Service
 - ✓ North Atlantic Treaty Organization (NATO)
 - ✓ University of Milan

- Oct 2020 – Mar 2021 **EU Visiting Fellow**
 European University Institute, Florence School of Regulation (fsr.eui.eu)
 • Researcher in the field of **energy system integration**, analysing the sector coupling between electricity and gas networks for the smart integration of renewable energy sources
- Jan 2008 – Dec 2011 **PhD researcher / Assistant Professor**
 University Politecnico di Milano, Italy (www.som.polimi.it)
 • Assessing effectiveness of **EU R&D policies** for innovative start-ups (incubators, venture capital, research networks and bodies to favour technology transfer between academia and industry, i.e. European Institute of Technology), drafting **scientific publications** in main international journals (e.g. Research Policy, Journal of Industrial and Business Economics...)
 • Participant to **2 research projects** funded by EU 6th RTD Framework Programmes, preparing project applications and organiser of 2 large conferences on network design and venture capital
 • **Founder of a PhD network** of 100 PhD researchers across Europe for public-private cooperation
 • **Teaching Economics and Business Administration** courses and supervising Master's students
- May – Oct 2009 **Visiting Researcher**
 University College of Dublin, Ireland (ucd.ie)
 • Researching on governance dynamics of **EU R&D collaboration networks**
- Feb – July 2007 **Trainee**
 External Relations Division, European Economic and Social Committee, Belgium (eesc.europa.eu)
 • Analysing the EU neighbouring policies with Western Balkans, Turkey and Euromed countries

EDUCATION AND TRAINING

- 2008 - 2011 **PhD in Management, Economics and Industrial Engineering**
 University Politecnico di Milano, Italy
 • PhD thesis "An analysis of the structure of European R&D networks and networking institutions"
- 2005 - 2007 **Master of Science in Management, Economics and Industrial Engineering, with a specialisation in Business Economics**
 University Politecnico di Milano, Italy
 • Graduation mark: **110/110**. Thesis "Which model for the European Institute of Technology?"
- 2002 - 2005 **Bachelor in Management, Economics and Industrial Engineering, with a specialisation in Management and Organisation**
 University Politecnico di Milano, Italy
 • Graduation mark: **110/110**. Thesis "Specialization as an effect of the commercial and industrial integration between the EU and the Western Balkans"

PERSONAL SKILLS

Languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Listening	
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2
Italian	C2	C2	C2	C2	C2
Spanish	C2	C2	C1	C1	C1

- Communication skills
 - Excellent **presentation and drafting skills** (teaching at university, training officials on Court's performance audit methodology, author of several publications in research and audit fields)
- Organisational / managerial skills
 - **Proven organizational, coordination and networking skills** (head of task managing teams of around 10 people, organiser of 2 international conferences linking academics, EU officials and industrial partners, founder of a PhD network, able to complete PhD while working full-time)
- Job-related skills
 - **Tenacious, creative, pro-active** in finding innovative solutions to problems with a forward-looking attitude (introducing visual methods in audit e.g. airport catchment area analysis)

MAIN PUBLICATIONS
Academic publications

- Massimo G. Colombo, Diego D'Adda, Lorenzo H. Pirelli, "The participation of new technology-based firms in EU-funded R&D partnerships: The role of venture capital", *Research Policy*, Volume 45, Issue 2, 2016, Pages 361-375.
- Massimo G. Colombo, Diego D'Adda, Lorenzo H. Pirelli, "La partecipazione delle giovani imprese ad alta tecnologia ai progetti collaborativi finanziati dall'Unione europea: un confronto Europa-Italia", *Economia e Politica Industriale*, 39, 4, 2012, Pages 161-177.
- Lorenzo H. Pirelli, "The participation of new technology-based firms in the EU Framework Programmes for research and technological development", *European Court of Auditors*, Issue 7, July 2012, Pages 22-28.
- René Rohrbeck, Lorenzo Pirelli, "The European Institute of Innovation and Technology: How to Steer a Multi-Stakeholder Innovation Ecosystem", *DIME Conference - Organizing for Networked Innovation*, Stresa, 15-16 April 2010.
- Ahrweiler P., Brandes A., Kruckenberg L., Pirelli L.H., "R&D Governance rules of the EU Framework Programmes: The EURuleD Archive", University College of Dublin, 2009.
- Colombo M. G., Pirelli L.H., Piva E., "Connecting public and private research systems: the design of the European Institute of Innovation and Technology", *International Conference on Organizational Learning, Knowledge and Capabilities (OLKC)*, VU University Amsterdam, Amsterdam (Netherlands), 26-28 April 2009.
- Massimo G. Colombo, Lorenzo H. Pirelli, Voce "Parco Scientifico Tecnologico", *Libro Bianco "Produzione e Trasformazione della Conoscenza"*, Consiglio italiano per le Scienze Sociali, 2009.
- Colombo M. G., Pirelli L.H., Piva E., "Designing the European Institute of Innovation and Technology: exploring the most effective model to integrate public and private research systems, 3rd International Seville Conference on Future-Oriented Technology Analysis – Impacts and implications for policy and decision-making, European Commission JRC - IPTS, Sevilla (Spain), 16-17 October 2008.
- Colombo M. G., Pirelli L.H., Piva E., "Which model for the European Institute of Innovation and Technology? - The current challenges of European Higher Education, Conference proceedings, Madrid (Spain), 15-18 September 2008.
- Colombo M. G., Pirelli L.H., Piva E., "Designing the European Institute of Innovation and Technology: in search of the most effective model to strengthen academia-business collaboration", *Knowledge for Growth - European strategies in the global economy, Conference proceedings, Toulouse School of Economics (France)*, 7-9 July 2008.

Audit field publications

- Oana Dumitrescu and Lorenzo Pirelli, "Energy Efficiency – A Miracle Solution?", *European Court of Auditors Journal*, Issue January 2023.
- Iliaria Conti, James Kneebone, Lorenzo Pirelli, Goinoush Soroush, "Financing energy system integration in Europe: The state of play and future prospects", *European University Institute*, Issue 2021/43, September 2021.
- Lorenzo Pirelli, "The European Court of Auditors' performance audits and their potential for learning: current role, possible developments", *Workshop on Policy Evaluation in the EU, Campus Brussels of Maastricht University*, 25-26 January 2018.
- Luc T'Joens, Lorenzo Pirelli, "Lessons from Performance Auditing of EU funded Transport Investments", *European Structural and Investment Funds Journal*, Issue 1, 2016.
- Lorenzo Pirelli, "The added value of the European Court of Auditors' performance audits", *European Court of Auditors Journal*, Issue December 2015.

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