

Andrea Biancardi

Lecturer



Knowledge Group: Strategy and Operations

Research Domains: Sustainability

Teaching Domains: Energy Transition, Corporate Sustainability, Sustainable Supply Chain, Sustainable Accounting & Finance, Geopolitics

andrea.biancardi@sdabocconi.it

Biography

Andrea Biancardi is a Lecturer in Sustainability at SDA Bocconi School of Management.

His research focuses on corporate sustainability, the energy transition, energy geopolitics, innovation, and sustainable finance. Over the years, he has worked on numerous research projects for major organizations such as Enel, Terna, A2A, Réseau de Transport d'Électricité (RTE), Antin Infrastructure Partners, Argos Wityu, and many others. At SDA Bocconi, he has also coordinated several custom executive education programs for the Enel Group, including the Enel Green Power School of Business Development, the School of Engineering & Construction, the School of Planning & Control, and the School of Procurement. Additionally, he has led executive training programs for other major organizations such as AXA, Snam, and Eni.

He leads the Bocconi Summer School in Sustainability Transformation, ESG Finance, and Energy Management at Bocconi University. At Bocconi University he also teaches *Transformative Sustainability*, *Green Management & Corporate Sustainability*, and *Geopolitics of the Energy Transition*.

Andrea is also a member of the Board of Directors at Bracchi S.p.A. – Transport & Logistics, a company providing high value-added transport and logistics services.

Prior to joining SDA Bocconi, he was a Research Assistant at the Bartlett School of Environment, Energy and Resources at University College London (UCL), where he focused on Climate Finance and Energy Policy. He also worked for several years as a consultant in the energy sector.

Andrea holds an M.Sc. in Finance from Bocconi University, a diploma in Geopolitics and Global Security from the Italian Institute for International Political Studies (ISPI), and a PhD from Imperial College London, where he studied the evolution of the electricity sector with a focus on the strategic innovation of European electricity transmission system operators (TSOs).

Articles in Scholarly Journals

How do electricity TSOs embrace innovation to future-proof their role in the energy transition?

BIANCARDI, A., I. STAFFELL, "How do electricity TSOs embrace innovation to future-proof their role in the energy transition?", Energy Strategy Reviews, 2025, vol. 59, pp. 101746

Battery electricity storage as both a complement and substitute for cross-border interconnection

BIANCARDI, A., C. MENDES, I. STAFFELL, "Battery electricity storage as both a complement and substitute for cross-border interconnection", Energy Policy, 2024, vol. 189, pp. 114134

La decarbonizzazione e le sfide di Big Oil - Decarbonization and the Challenges of Big Oil

DI CASTELNUOVO, M. G., A. BIANCARDI, "La decarbonizzazione e le sfide di Big Oil - Decarbonization and the Challenges of Big Oil", Economia & Management, 2021, no. 1, pp. 35-41

No country for “oil” men. What will the future hold for Big Oil?

DI CASTELNUOVO, M. G., A. BIANCARDI, "No country for “oil” men. What will the future hold for Big Oil?", EECJ - The European Energy & Climate Journal, 2021, vol. 10, no. 1, pp. 35-46

A framework to evaluate how European Transmission System Operators approach innovation

BIANCARDI, A., M. G. DI CASTELNUOVO, I. STAFFELL, "A framework to evaluate how European Transmission System Operators approach innovation", Energy Policy, 2021, vol. 158, pp. 112555

A New Paradigm in the Electricity Sector: Key Trends and Stock Performance of European Utilities

BIANCARDI, A., M. G. DI CASTELNUOVO, "A New Paradigm in the Electricity Sector: Key Trends and Stock Performance of European Utilities", EECJ - The European Energy & Climate Journal, January 2020, vol. 9, no. 1, pp. 31-43

Auto elettriche: il nodo strategico delle batterie.

DI CASTELNUOVO, M. G., A. BIANCARDI, "Auto elettriche: il nodo strategico delle batterie.", Harvard Business Review Italia, June 2020, vol. Speciale Mobilità Sostenibile, pp. 122-125

Other

No transition without transmission: How power grid operators are innovating - Non c'è transizione energetica senza trasmissione: come innovano i gestori delle reti elettriche

BIANCARDI, A., "No transition without transmission: How power grid operators are innovating - Non c'è transizione energetica senza trasmissione: come innovano i gestori delle reti elettriche", SDA Bocconi Insight, 16 June 2025

Fotovoltaico spaziale: solo fantascienza?

BIANCARDI, A., "Fotovoltaico spaziale: solo fantascienza?", ISPI Istituto per gli Studi di Politica Internazionale, 13 January 2023

Argos Wityu: integrating decarbonization in private equity decisions - Argos Wityu: integrare la decarbonizzazione nelle decisioni di private equity

BIANCARDI, A., "Argos Wityu: integrating decarbonization in private equity decisions - Argos Wityu: integrare la decarbonizzazione nelle decisioni di private equity", SDA Bocconi Insight, 30 October 2023

Italy's Energy Future at a Crossroads

DI CASTELNUOVO, M. G., A. BIANCARDI, "Italy's Energy Future at a Crossroads", ISPI Istituto per gli Studi di Politica Internazionale, 24 November 2022

Terre rare: le "vitamine" dell'industria moderna

BIANCARDI, A., M. G. DI CASTELNUOVO, "Terre rare: le "vitamine" dell'industria moderna", ISPI Istituto per gli Studi di Politica Internazionale, 30 November 2022

Terre rare: l'Occidente appronta le difese

BIANCARDI, A., M. G. DI CASTELNUOVO, "Terre rare: l'Occidente appronta le difese", ISPI Istituto per gli Studi di Politica Internazionale, 13 December 2022

Cases in International Case Collections

Calvisius Caviar: The Unexpected Cradle of Black Pearls Where Made in Italy Meets Sustainability

VERONESI, V., A. BIANCARDI - "Calvisius Caviar: The Unexpected Cradle of Black Pearls Where Made in Italy Meets Sustainability" - 2025, The Case Centre, Great Britain

The Argos Case: Integrating the Decarbonisation of Target Companies into Private Equity Investment Decisions

BIANCARDI, A., G. EGIDI, S. LAGUMINA, L. RANAUDO - "The Argos Case: Integrating the Decarbonisation of Target Companies into Private Equity Investment Decisions" - 2023, The Case Centre, Great Britain

Proceedings/Presentations

Storage batteries as both complements and substitutes to cross-border interconnections

BIANCARDI, A., C. MENDES, I. STAFFELL, "Storage batteries as both complements and substitutes to cross-border interconnections" in 18th IAEE European Conference, 24-27 July, 2023, Milano, Italy

Contribution to Chapters, Books or Research Monographs

The Future of Energy Infrastructure

DI CASTELNUOVO, M. G., A. BIANCARDI, "The Future of Energy Infrastructure" in Disruption in the Infrastructure Sector., Gatti, S. (Eds.), Springer, chap. 2, pp. 5-52, 2020

Research Reports

Stato dell'arte e criticità del mercato elettrico al dettaglio in Italia.

PERRINI, F., M. G. DI CASTELNUOVO, A. BIANCARDI, A. SAPUTO - "Stato dell'arte e criticità del mercato elettrico al dettaglio in Italia." - 2019, SDA Bocconi, Milano, Italy

An exploration of energy cost, ranges, limits and adjustment process. Final report to the Institute for New Economic Thinking.

GRUBB, M., I. BASHMAKOV, P. DRUMMOND, A. MYSHAK, N. HUGHES, A. BIANCARDI, P. AGNOLUCCI, R. LOWE - "An exploration of energy cost, ranges, limits and adjustment process. Final report to the Institute for New Economic Thinking." - 2018, UCL Institute for Sustainable Resources

Electricity Transmission System Operator (TSO)' business models evolution in Europe.

DI CASTELNUOVO, M. G., A. BIANCARDI - "Electricity Transmission System Operator (TSO)' business models evolution in Europe." - 2018, SDA Bocconi, Milano, Italy

Green growth and win-win solutions for sustainable climate actions. Stylised models of relative rates of return, technology co-benefit/spillover effects, multiplier and leverage effects for key sectors.

AMELI, N., A. BIANCARDI, P. DRUMMOND, P. LEONIDAS, M. GRUBB, Z. VRONTIDIS, F. KOSTAS, F. PANAGIOTIS, A. MANDEL - "Green growth and win-win solutions for sustainable climate actions. Stylised models of relative rates of return, technology co-benefit/spillover effects, multiplier and leverage effects for key sectors." - 2017, GREEN-WIN Working paper

Practice-Oriented Books

EGEA - Libro Bianco

BIANCARDI, A., S. POGUTZ, V. PERISSINOTTO - "EGEA - Libro Bianco" - 2017, SDA Bocconi, Italy