

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

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 IAAE 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