

CURRICULUM VITAE

BARNABÈ FEDERICO

1. Personal Information

- *Full name:* Federico Barnabè
- *Institutional affiliation:* Department of Business and Law (Dipartimento di Studi Aziendali e Giuridici - DISAG), University of Siena
- *Address:* Piazza San Francesco 7, 53100 Siena, Italy
- *E-mail:* barnabe@unisi.it

2. Current position and academic background

- *Current academic position:* Full Professor of Economia Aziendale (SSD ECON-06/A, formerly SECS-P/07), Department of Business and Law (DISAG), University of Siena (since July 1, 2021).
- *Academic degrees:*
 - Ph.D. in Business Administration and Public Sector Management (Dottore di Ricerca in Economia delle Aziende e delle Amministrazioni Pubbliche), University of Siena (2003).
 - Laurea in Scienze Economiche e Bancarie, University of Siena (1999).
- *International visiting and research appointments:*
 - visiting researcher at international institutions, including the University of Bergen (Norway) and the Roehampton Business School (London, UK).

3. Research interests

- *Management control and performance measurement:* Design, implementation, and evolution of planning, budgeting, performance measurement, and evaluation systems in private and public sector organizations.
- *Lean strategy and Lean Healthcare:* Frameworks, operational tools, and strategic alignment for Lean Thinking and Six Sigma applications in manufacturing, service, and healthcare delivery systems.
- *Business simulation and System Dynamics modeling:* Application of System Dynamics, Management Flight Simulators (MFS), and Serious Games / Interactive Learning Environments (ILEs) to support strategic planning, policy design, and organizational learning.
- *Sustainability, ESG and Integrated Reporting:* Sustainability reporting frameworks in Small and Medium Enterprises (SMEs), Integrated Reporting (IR), Circular Economy dynamics, and AI-driven accountability tools.

4. Teaching experience (recent ones)

- *B.Sc. and M.Sc. Degree Programs:*

- Management Control and Cost Accounting (taught in English, B.Sc. Program in Economics and Management, DISAG) – Current.
- Business Administration (Economia Aziendale) and Cost Accounting (Analisi e Contabilità dei Costi) (taught in Italian) – Past courses.
- *Executive Masters and Doctoral Level:*
 - Executive Master in Lean Healthcare Management (University of Siena): Module Chair and Senior Lecturer in Lean Strategy.
 - Joint Ph.D. Program in Economia Aziendale e Management (Universities of Pisa, Siena, and Florence): Module Coordinator and Lecturer in System Dynamics and Simulation Modeling.

5. Institutional and administrative leadership (DISAG / UNISI) – recent ones

- Vice Department Head (Vice-Direttore), Department of Business and Law (DISAG), University of Siena (2021–Present).
- Chair of the Academic Teaching Committee (Presidente del Comitato per la Didattica), B.Sc. Program in Economics and Management (Jan 2026–Present); Committee Member (2021–Present).
- Chair of the Consiglio di Biblioteca di Area Economica, University of Siena (2022–Present).
- Head of the Sezione di Studi Aziendali e Sociali, DISAG (2021–2024).
- University representative to SAF Tosco-Ligure (Scuola di Alta Formazione per Dottori Commercialisti) (2023–Present).
- Department Delegate for quality assurance of teaching activities (Delegato alla Didattica e AQ Didattica), DISAG (2016–2021).

6. Key research projects and grants (recent ones)

- *PNRR THE – Tuscany Health Ecosystem*: Researcher / Co-Investigator in Spoke 10 (Population Health & Healthcare Innovation).
- *PRIN 2022 Grant*: Research Unit Member for the project "Rethinking Corporate Reporting as an open platform for pursuing Sustainable Success".
- *EU Erasmus+ (Key Action 2) Projects*: Senior Researcher and Simulation Modeler for European innovation projects including SUSTAIN (Game-Based Learning for urban sustainability), SYSTEMA, and PMBoG.

7. Selected publications overview

- Author of numerous peer-reviewed articles published in international journals and Italian academic journals. Full research output is indexed in the USiena-air Institutional Repository
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- Date
- Siena, 30 September 2026
- Federico Barnabè
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