

Research and Teaching at the Department of Management, Economics & Industrial Engineering, Politecnico di Milano.

Full Professor within the Scientific Disciplinary Sector ING-IND/17 (Industrial Mechanical Systems Engineering).

He currently holds the courses of:

- “Industrial Systems: Sustainability and Social Challenges”, in the Doctoral Program in Management Engineering (PhD-DRIG), Politecnico di Milano, Italy;
- “Design & Management of Production Systems” (MSc), at the School of Industrial and Information Engineering, Politecnico di Milano, Italy;
- “Energy Management Lab” (MSc), at the School of Industrial and Information Engineering, Politecnico di Milano, Italy;
- “Project Management” (MSc), at the School of Industrial Engineering, Università Carlo Cattaneo (LIUC), Castellanza (VA), Italy;
- “Industrial and Mechanical Plants” (BSc), at the School of Industrial and Information Engineering, Politecnico di Milano, Italy.

He also held the courses of:

- “Industrial Eco-Efficiency”, in the Doctoral Program in Management, Economics and Industrial Engineering (PhD-DRIG), Politecnico di Milano, Italy;
- “Technical Ergonomics”, at the School of Systems Engineering, Politecnico di Milano, Italy;
- “Occupational Safety and Technical Ergonomics”, at the School of Industrial Engineering, Politecnico di Milano, Italy;
- “Design for Environment” (visiting lecturer), at the School of Industrial Engineering, Rochester Institute of Technology, Rochester (NY), USA;
- “Project Risk Management” (MSc), at the School of Engineering, Università Carlo Cattaneo (LIUC), Castellanza (VA), Italy;
- “Project Work” (MSc), at the School of Engineering, Università Carlo Cattaneo (LIUC), Castellanza (VA), Italy;
- “Proposal Management & Competitive Bidding” (MSc), at the School of Engineering, Università Carlo Cattaneo (LIUC), Castellanza (VA), Italy.

He also teaches in National and International PostGraduate Courses (International Master on Sustainable Strategies and Programmes for Energy and Environmental Management, IMIM International Master in Industrial Management, MSPME Master in Strategic Project Management, MEM Master in Energy Management, DIGI-Q Company Processes Innovation, PLM Product Lifecycle Management, MEC Master in Engineering & Contracting, MTL Master in Transportation and Logistics, ...) and Advanced & Corporate Courses (Lean Manufacturing and Occupational Safety, Industrial Eco-Sustainability and Green Economy, Project Procurement, Risk Assessment, Industrial Energy Efficiency, Project Management, WEEE Management, Innovative Techniques for Reliability and Availability Evaluation for Industrial Plants, ...).

# Enrico Cagno

## *Scientific and Professional Curriculum Vitae (SHORT CV)*

His primary research interests are Industrial Sustainability in Manufacturing Systems (Eco-Efficiency, with a particular focus on Energy Efficiency, and Safety at Work) and Risk Analysis & Management (Occupational Safety, System Safety, Critical Infrastructure & Key Services Protection, Operational Risk Management, Project Risk Management, Enterprise Risk Management, Procurement & Supply Risk Management, Supply Chain Risk Management), and, in general, Design and Management of Production Systems and Industrial Plants.

He is author of more than 300 publications between journals, books, book chapters and proceedings; more than 200 of which are international peer-reviewed publications and more than 80 are international peer-reviewed journal publications and international peer-reviewed book chapters.

He serves as associate editor, and as member of the editorial board and regular referee for several international peer-reviewed journals.

He has a structured network of international research collaborations. Among those, he works with Prof. Ernst Worrell (Lawrence Berkeley National Laboratory, USA; Ecofys; Utrecht University, NL), and Prof. Patrick Thollander (Linköping University, SV) with respect to energy efficiency; with Prof. Joseph Sarkis (Worcester Polytechnic Institute, USA) with respect to eco-efficiency and green supply chain management; and Prof. Peter Hasle (Aalborg University, DK) with respect to occupational safety.

Supervisor of visiting professors, visiting research fellows, visiting PhD students at the Department of Management, Economics and Industrial Engineering, Politecnico di Milano, arrived in Italy to carry out research activities with him.

Supervisor of PhD candidates at the Doctoral Program in Management, Economics and Industrial Engineering (DRIG), Politecnico di Milano, and of PhD candidates at other foreign universities (KTH, CBS, DTU, ...).

He has promoted, coordinated, managed and participated in a number research projects funded by the European Commission, European Bank for Reconstruction and Development (EBRD), MIUR (Italian Ministry of University and Research), MiSE (Italian Ministry of Economic Development), CNR (National Research Council), Lombardy Region, Union of the Chambers of Commerce, CARIPLO Foundation, etc.

He has also worked in different projects, ranging from strategic to organizational and operational development, for numerous domestic and international enterprises, groups and administrations, e.g., Siemens, General Motors, Heineken, Fiat, Italcementi, EuroControl, Snamprogetti, AMSA, ANIE, Alcatel, SCA, Ecodom, Lombardy Region, etc.

He is member of a number of technical, professional and evaluation committees.

He collaborates with the Italian Society for Industrial Plant Design (ANIMP), Italian Workers' Compensation Authority (INAIL), Federation of Electrotechnical and Electronic Companies (ANIE), Association of Engineers, Architects and Technical-Economical Consultants (OICE), Federation of the Italian Associations of Mechanical and Engineering Industry (ANIMA), Industrial Association of Small and Medium Enterprises (ConfAPI), Association of Entrepreneurship Artisan and Small Businesses (ConfArtigianato), and other industrial associations and groupings.