

GABRIELE MUNGO ZANETTI

Civil Engineer | Technical Projects & Investments Executive | Industrial Plants, Energy, Automation & CAPEX

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EXECUTIVE PROFILE

Civil Engineer and Technical Projects & Investments Executive with 13+ years of experience delivering industrial investments, manufacturing facilities, energy programmes and multidisciplinary projects in the food sector. Manages the full project lifecycle — business case, public funding, design, permitting, procurement, construction, commissioning and operational ramp-up — combining deep engineering expertise, hands-on plant experience and managerial perspective. **Executive MBA Candidate at Bologna Business School, expected July 2027.**

€20M+ development programme	16 industrial facilities	72 t/day greenfield plant	6+ MW solar portfolio
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SELECTED LEADERSHIP IMPACT

- **€20M+ industrial development programme** supported through a national public funding scheme: technical and specialist leadership across plant expansions, automated refrigerated logistics and new processing lines.
- **Prosciuttificio Il Conte:** technical delivery of a production expansion including an automated refrigerated high-bay warehouse, chilling/freezing tunnels and automated product-handling systems.
- **Alcar Uno:** conceived, designed, permitted, built, commissioned and brought into full operation a 72-ton-per-day food-grade bone and fat processing plant.
- **Globalcarni:** delivered and revamped automated slicing and packaging lines in high-care clean-room environments, integrating layout, hygiene requirements, utilities and business continuity.
- **Hiperbaric HPP:** directed site works and technical coordination for installation and commissioning of a High Pressure Processing system; specialist training at Hiperbaric headquarters in Burgos, Spain.
- **Energy and decarbonisation:** 6+ MW of rooftop and ground-mounted solar projects, energy audits, self-consumption schemes, industrial refrigeration revamping and Industry 4.0/5.0 incentives.

PROFESSIONAL EXPERIENCE

ALCAR UNO S.p.A. / LH HOLDING — Food Manufacturing Group

Technical Projects & Investments Executive / Technical Operations Lead

Dec 2015 – Present

- Technical responsibility across 16 manufacturing facilities in Northern Italy, with additional support to the Group's food subsidiaries in Virginia and New Jersey, USA.
- Leads CAPEX and major maintenance projects covering industrial buildings, process plants, utilities, automation, energy, environment, occupational safety and fire prevention.
- Manages the full project lifecycle: feasibility, investment planning, design, permitting, procurement, construction, testing, commissioning and operational start-up.
- Coordinates ownership, operations, quality, maintenance, suppliers, engineering firms, contractors, public authorities and regulatory bodies.
- Manages environmental, construction, sanitary, veterinary and fire-safety permitting, including VIA, AIA, AUA, PAS and SCIA procedures.
- Contributes to subsidised investment programmes and incentives, including Development Agreements, Rural Development Programmes, INAIL, Agrisolare, regional energy funds and Industry 4.0/5.0.
- Internal member of the Supervisory Body under Italian Legislative Decree 231/2001 since 2016, with oversight of governance, health and safety and internal controls.

ISG EQUIPMENT S.r.l.s. — Engineering Practice

Co-founder, Partner & Technical Director

Mar 2017 – Present

- Integrated architectural, structural, seismic and geotechnical design; construction supervision, safety coordination, fire engineering and permitting for industrial, residential and commercial projects.
- End-to-end ownership of assignments from feasibility and concept design through approvals, execution and final testing.
- Recent work includes the integrated design and construction management of a high-end single-family residence, industrial expansions, solar plants and seismic upgrading projects.

PREVIOUS EXPERIENCE

INGEGNERI RIUNITI S.p.A. — Modena, Italy

Structural & Seismic Engineer / Independent Consultant

2012 – 2015

- Structural design and construction supervision for industrial, residential and commercial buildings.
- Spinner 2013 industrial research project on the seismic behaviour of precast buildings and advanced finite-element modelling.

EXECUTIVE EDUCATION & ACADEMIC BACKGROUND

Executive MBA — Bologna Business School, University of Bologna

Executive MBA Candidate | 2025 – 2027 | Expected completion: July 2027

- Executive curriculum in strategy, finance, operations, innovation, leadership and digital transformation. International Week — Silicon Valley, San José, September 2026.

University of Modena and Reggio Emilia

MSc in Civil Engineering — Structural, Seismic and Geotechnical Engineering | 2012 | 110/110

PROFESSIONAL CREDENTIALS

- Chartered Engineer, Order of Engineers of Modena, registration no. 3126.
- Certified Energy Management Expert — Industrial Sector, UNI CEI 11339:2023.
- Registered Fire Safety Professional, Italian Ministry of the Interior — MO03126I00503.
- Construction Safety Coordinator for Design and Execution under Italian Legislative Decree 81/2008.
- Level 2 Professional, UNI EN ISO 9712 — structural monitoring and experimental modal analysis.
- Certified Building Energy Assessor.

CORE EXPERTISE

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| • Technical leadership, investments and CAPEX | • Energy management and decarbonisation |
| • Industrial engineering and process plants | • Food processing and cold chain |
| • Project & construction management | • Public funding and regulatory permitting |
| • Automation and advanced manufacturing | • Structural, seismic and geotechnical engineering |

DIGITAL SKILLS & LANGUAGES

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| • AI-assisted technical analysis, document workflows, reporting and decision support | • Cost estimating and construction cost control |
| • Advanced Excel, PowerPoint, Word and document management | • Italian: native |
| • AutoCAD; Straus7, SAP2000, Midas Gen and Sismicad | • English: working proficiency in technical and professional settings |

ADDITIONAL APPOINTMENTS

- Structural expert member of the Modena Municipal Public Entertainment Safety Commission since 2022.
- Managing partner of a real-estate company since 2018, with experience in property development, asset management and technical-economic transactions.