

Fabrizio Degni

Chief AI Officer – AI and Data Governance



Date of birth: 07/03/1980

Nationality: Italian

Resident Nation: Italy

Email: sev7en@gmail.com , fabrizio.degni@gsom.polimi.it

Profile: <https://www.linkedin.com/in/fdegni/>

Mobile phone: +39 345 8810 815

Executive Summary

As an innovation and strategic leader with over 15 years of experience in Information and Telecommunication, I architect large-scale technology projects and manage significant budgets and infrastructure, translating complex technical challenges into scalable, ethical business solutions that drive enterprise sustainability. My expertise in responsible AI and data implementation, governance and cross-functional leadership informs my active contribution to research and scholarly discourse, where I develop frameworks for responsible AI governance, compliance and ethical decision-making in technology organizations.

Professional Experiences

Webuild – Italy

Nov 2024 – Present

Core Business (Construction) - www.webuildgroup.com

AI and Data Governance Manager

AI and M365 Copilot System Administrator

- **Architected the Group's AI Governance Framework**, defining guidelines and ethical boundaries in direct coordination with the Governance AI group to enable a safe, global scale-up.
- **Spearheaded the "AI Literacy" program**, driving cultural transformation and ensuring alignment with international regulations (e.g. EU AI Act) for responsible adoption.
- **Led the development of custom AI agents** using Copilot Studio to solve specific business pain points, bridging the gap between standard tools and operational needs.
- **Established data-driven KPIs** to monitor adoption rates and sentiment, delivering insights to senior management on ROI and strategic impact.
- **Managed the Champion Network**, mentoring internal early adopters to identify high-value use cases, accelerating the transition from pilot phase to company-wide rollout.
- **Defined the multi-year AI Roadmap**, aligning emerging technological trends with corporate business objectives to secure a long-term competitive advantage in the infrastructure sector.

Webuild - Italy

Oct 2021 – Present

Core Business (Construction) - www.webuildgroup.com

Infrastructure Bidding and Start-Up Manager

In addition to my main role of being responsible for the Italian and international ICT budgets for the company's projects, I cover the following position: **Project Manager** and **IT Team Leader** for the Corporate BDP (Big Data Platform), **IT Team Leader** (three main projects as R&D of a predictive maintenance system for the robotic arms for TBM's ring; creation of a data model and algorithms for operational control of construction sites with automatic event acquisition; and virtual control room for monitoring and management of KPIs and metrics from construction sites), **Global Administrator** for the Projects' tenant and **DevOps Administrator** of the organization.

- **Orchestrated ICT & budgeting strategies** for international tenders, designing optimal infrastructure lifecycles (CAPEX/OPEX) and leveraging historical project data to increase forecasting accuracy and win-rates. Exploring strategies for adopting the AI at support for the predictive analysis in the bidding phase and cost prediction under the FinOps domain.

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- **Directed high-impact R&D initiatives** to modernize data and knowledge management operations, with the development of the first Corporate Big Data Platform based on data-mesh architecture with a top-down governance. The project is on-going and expected benefit are: Enhancement of the work of corporate functions (each function will be able to actively contribute to the company's information assets by providing data and results that will become a common basis on which the organization can build more effective strategies); integrated approach to information management (the platform will promote the harmonization of information from different sources, ensuring transparency and uniqueness of data); adaptability and scalability (the platform will be able to adapt to changing business needs, ensuring the scalability necessary to manage growing volumes of data while maintaining high standards of security and governance); governed interdepartmental collaboration (information produced by one function will no longer remain isolated, but will become a useful resource for the entire organization, promoting greater efficiency and more coordinated growth). Effective governance will ensure visibility and controlled access with further development of semantic layer for AI-agents deployment.

Webuild - Romania

Nov 2022 – Feb 2023

Core Business (Construction)

IT Area Coordinator (ad interim)

- For the start-up activities of awarded and ongoing projects, the planning and organization aspects of the ICT staff in the area with governance on Branch Office, local projects in collaboration with the Corporate. The activities included management, resource planning, cost management and assessment and rollout of corporate policies and guidelines as well as the setup and coordination of the local IT Teams.

Webuild - Australia

Mar 2022 – Jul 2022

Core Business (Construction) - www.webuild-group.com.au

IT Area Coordinator

- Planning and managing the organization aspects of the ICT staff and projects in the area in coordination with the Corporate team. The activities included management, resource planning, cost management and assessment and rollout of corporate policies and guidelines as well as the coordination of the local IT Teams.

Webuild - Australia

Nov 2019 – Oct 2021

Core Business (Construction) - www.webuild-group.com.au

System Information Manager

- **Main Project** (€3.228 billion): Snowy 2.0 Project, “a nation-building renewable energy project that will provide on-demand energy and large-scale storage for many generations to come”. The project involves linking two existing dams, Tantangara and Talbingo, through 27km of tunnels and building a new underground power station. Snowy 2.0 will provide an additional 2,200 megawatts of dispatchable, on-demand generating capacity and approximately 350,000 megawatt hours of large-scale storage to the National Electricity Market.

Salini Impregilo - UAE

Mar 2016 – Nov 2019

Core Business (Construction)

IT Area Coordinator (ad interim)

- For the start-up activities of committed projects and support of ongoing local projects, the planning and organization aspects of the ICT staff in the area with governance on both Branch Office and Corporate sides. The activities included management, resource planning, cost management and assessment and rollout of Corporate policies and guidelines as well as the coordination of the local IT Teams.
- **Main Project** (\$435 million): Contract with Meydan Group LLC to build the Meydan One Mall in Dubai, a massive urban development project located between Meydan and Al Khail Road, close to the heart of the city.
- **Main Project** (\$307 million): Umm Lafina, the project involved the design and build of new five-kilometre section road that links the Sheikh Zayed bin Sultan Road to Umm Lafina island as part of Abu Dhabi Development Plan 2030.

Salini Impregilo - Qatar

Set 2013 – Nov 2019

Core Business (Construction)

- For the start-up activities of committed projects and support of ongoing local projects, the planning and organization aspects of the ICT staff in the area with governance on both Branch Office and Corporate sides. The activities included management, resource planning, cost management and assessment and rollout of Corporate policies and guidelines as well as the coordination of the local IT Teams.
- **Main project** (\$1.7 billion): Doha Metro System - Red Line North Underground, the first underground metro system of Qatar. The project won Qatar Sustainability Awards 2017 and in 2018 won the RoSPA Silver Award for its strong health and safety performance in 2017, qualifying as one of the projects with the best practices in its sector. The “Red Line North Underground” extends in a northerly direction from the station of Mushaireb, for a length of approximately 13 km through 7 new underground stations.
- **Main Project** (€770 million): 60,000 spectators, construction of the Al-Bayt Stadium, a hyper-technological structure that played host to the 2022 FIFA World Cup. The project is focused on the design and construction of the stadium; an auxiliary building for security and administrative part of the system, and the center that houses the electromechanical and distribution has also been constructed.
- **Satellite Project:** Abu Hamour Hydraulic Project, the project involves the construction of a main water collection tunnel 9.5 km long and with an excavation diameter of 4.5 meters, as well as the construction of 24 access shafts.

Lidco Libya General Contracting Company (Impregilo Lidco) - Libia

Jul 2010 – Jan 2011

Core Business (Construction)

- Support of ongoing local projects, the planning and organization aspects of the ICT staff in the area with governance on both Branch Office and Corporate sides. The activities included management, resource planning, cost management and assessment and rollout of Corporate policies and guidelines.
- **Main Project:** Infrastructure works in the cities of Tripoli and Misuratah.

Other Experiences

Scientific Committee member HEC

Human Economic Forum

Jan 2026 – Present

Mentor – UNIMI

Università degli Studi Milano

Oct 2025 - Present

Teacher - Applied Forensic Research Sciences (AI, Ethics)

Forensic Research Sciences

Oct 2025 - Present

Member ISO for AI Standard Definition ISO/IEC JTC1/SC42 and CEN/CENELEC JTC21

ISO – International Standard Organization

Jul 2025 - Present

Member UNINFO for AI Standard Definition ISO/IEC JTC1/SC42 and CEN/CENELEC JTC21

UNINFO (Italian Standards Body)

Jul 2025 - Present

President Italy Chapter for the Global Council for Responsible AI

Global Council for Responsible AI

May 2025 - Present

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Scientific Committee member for AI E.N.I.A. – Ente Nazionale per l’Intelligenza Artificiale	Apr 2024 – Present
Director – Digital Transformation and Innovation E.N.I.A. – Ente Nazionale per l’Intelligenza Artificiale	Apr 2024 – Oct 2025
Teather - Department of Cognitive Technologies and Robotics Hermes University	May 2024 – Oct 2024
Member of IEEE for WG Standard H.I. AI Alignment in Autonomous Driving Agent, P2834.1: Digital Forensics on Trusted Learning Systems, P3454 Standard for Cloud Computing - OP Resilience, IEEE P7014.1, Recommended Practice for Ethical Considerations of Emulated Empathy, Digital Privacy Group.	Apr 2025 - Present
Co-Founder of SPIIKISI SPIIKISI S.r.l. S.B. – A startup with a social mission, centered on the valorization of individual identity and the protection of fundamental rights in digital spaces. The project has successfully secured significant funding, including a substantial non-repayable grant under the Call for Women's Entrepreneurship promoted by MIMIT, in support of digital innovation.	Feb 2022 - Present

Education

Master - Chief AI Officer (CAIO) World AI X Ventures	2025
MSC in Management Engineering (enrolled) Università Mercatorum	2025 - Present
International Executive Master of Business Administration (enrolled) POLIMI Graduate School of Management	2024 - Present
Doctorate in Computer Science (enrolled) European Institute of Management & Technology	2024 - Present
Master in No Code AI and Machine Learning, Information Technology MIT Professional	2023 - 2024
Bachelor of Science in Computer Science Università degli Studi dell’Aquila	2005 - 2010

Education - Certification

AI CERTs: AI+ Executive AI CERTs	2025
Product Management: Building AI-Powered Products IBM	2025
ISO 42001:2023 Auditor / Lead Auditor AI System Management Profice	2024

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ISO 9001:2025 Auditor / Lead Auditor Quality management systems Profice	2024
Information Technology Specialist in Artificial Intelligence Certnexus - Pearson	2024
Coordinamento Nazionale Periti ed Esperti Forensi – CTU - Digital Forensics CONPEF	2024
Corporate Strategy University of London	2024
International Leadership and Organizational Behavior SDA Bocconi	2024
MCE: Microsoft Certified Educator Microsoft	2024
Microsoft Certified: Security, Compliance, and Identity Fundamentals (SC-900) Microsoft	2022
Microsoft Certified: Azure Fundamental (AZ-900) Microsoft	2022
Microsoft Certified: AI Fundamental (AI-900) Microsoft	2022

Languages

Italian: Mother tongue
English: Proficient (W-S)

Skills

Driving change and technology adoption, aligning AI with ROI-driven business strategy, engaging stakeholders through technical storytelling, leading agile R&D teams, enforcing AI governance and ethics, and shaping data strategy and engineering pipelines.

Awards / Events

Academic Research Paper recognition – PALO Principled AI Lifecycle Orchestration in Business **Dec 2025**
An ethical and responsible governance framework for AI Systems
 Human Economic Forum – Camera dei Deputati (Italy).

Academic Research Paper recognition – Dynamic Digital Privacy (DDP) Framework **Oct 2025**
An adaptive governance model for emerging technological threats
 Privacy Expectations (ISOPE) 2025, New York.

AI Awards Italy 2025 - 1st Position GOLD - "Premio per l'Impegno Etico nella Cultura Algoritmica" **2025**

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E.N.I.A. - ENTE NAZIONALE per l'INTELLIGENZA ARTIFICIALE

IEEE Region 8 Ambassador 2024 Ethics and Human Rights
IEEE

2025

Artificial Intelligence OSI Contributor
Open-Source Initiative

2025 - Present

C2PA Contributor

2025 - Present

Coalition for Content Provenance and Authenticity (C2PA) addresses the prevalence of misleading information online through the development of technical standards for certifying the source and history (or provenance) of media content. C2PA is a Joint Development Foundation project, formed through an alliance between Adobe, Arm, Intel, Microsoft and Truepic.

Gartner IT Ambassador
Gartner

2024 - Present

- Keynote speech in Milan – **IDC AI Data Summit 2025** “The Myth of the ROI in the Data” **Nov 2025**
- IEEE Symposium in New York – **IEEE Digital Privacy** – “DDP Dynamic Digital Privacy Framework”. **Oct 2025**
- AIFOD in Vienna, United Nations palaces – **AI For Developing Countries** - “Governance and AI” **Aug 2025**
- AI Days Messina – **Università degli Studi Messina** – “Hidden risks of the AI and Governance challenges”. **Jul 2025**
- International AI Day – **FAST** – “Ethics and Governance in the Age of AI” **Jul 2025**

Main publication

- The Afterlife in the Age of AI A psychological, ethical, and technological analysis **Mar 2025**
- AI in Education: The Impact of Artificial Intelligence on Education **Ago 2024**
- AI in Education: Transforming Learning and Teaching Methods **Jul 2024**
- Can we survive without the WOW factor? **Jun 2024**
- Beyond the Privacy Paradox **May 2024**

Additional Information

- Pronto Soccorso, “Croce Verde” Civitella Roveto (AQ) **Jan 2025 – Dec 2025**
- Save The Children, Educator **Mar 2024 – Present**

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