



About us

Guffanti Group & Partners, a **family-owned** engineering and architecture company, was founded by Architect Giampaolo Guffanti in 1983 in **Milan**, Italy.

Since 2022, Guffanti Group & Partners has embarked on a path of international expansion, opening a new office in **Nice** (France) and in 2024 in **Dubai** (U.A.E.).

Our structure is designed to effectively respond to the needs of an ever-evolving construction process. Thanks to cutting-edge technical and professional know-how, we are able to manage every phase of the project: from **analyzing needs** to **promoting investments**, from **design** to **construction**, and even to the **management, conversion**, and **disposal of the work**. Our ability to control all phases of the construction process is ensured by **integrated design**.

We are constantly committed to staying in tune with the new demands of the market, adopting the latest technologies and tools, including artificial intelligence, to offer our clients **ever-innovative solutions**.



AUDITORIUM - Assago, Italy

People

GIAMPAOLO GUFFANTI
Founding Partner - CEO

Since 1983 he has carried out activities in the field of design and construction management of civil and industrial buildings, related plant components and consultancy, including urban planning relevance.

MANUELA GUFFANTI
Partner

She is involved in architectural design activities, construction management, project management, feasibility studies for real estate development solutions. Expert in building design. She is the technical director of the company.

GIANLUCA GUFFANTI
Partner

He is involved in works management, project management, design and safety activities on construction sites. Expert in management and coordination of work on construction sites and cost control.



Group



Vision

Our architecture and engineering firm is committed to redefining the concept of design and construction, combining **innovation**, **sustainability**, and **energy efficiency**. We believe in creating buildings and spaces that not only meet the functional and aesthetic needs of the present but also **anticipate the challenges of the future**. With expansion into international markets, we bring the excellence of Italian design and cutting-edge engineering to a global scale, placing energy redevelopment, environmental respect, and an integrated, interdisciplinary approach at the heart of our work, ensuring the client has a single point of contact. Our vision is to actively contribute to a **more sustainable world**, with design solutions that unite **beauty**, **technology**, and **social responsibility**.



STUDENT HOUSE - Como, Italy

Values

At Guffanti Group & Partners, our core values are the foundation of every project, with a strong focus on **integrated design**. Thanks to a multidisciplinary approach, we tackle challenges in a coordinated and innovative manner, ensuring **tailored solutions** for each client.

As a **family company**, we believe in the union of **tradition and innovation**. Our commitment to sustainability is reflected in the use of eco-friendly technologies and materials, designing efficient and environmentally conscious buildings. We adhere to **ESG** (Environmental, Social, Governance) criteria, ensuring that every project not only **respects the environment** but also **promotes social responsibility** and **ethical management**. In this way, we actively contribute to a more sustainable future, creating works that enhance the quality of life and well-being in communities.

In parallel with our professional activities, we are proud sponsors of a volleyball team. The values of sports, such as **teamwork**, **determination**, and constant **commitment to improvement**, are the same principles we apply in our profession, driving us to excel every day.

Projects

→ ENERGY RETROFITTING

→ RESIDENTIAL

→ RETAIL

→ OFFICES & LOGISTIC

→ PUBLIC WORKS



RESIDENTIAL COMPLEX - Milan, Italy



SHOWROOM - Milan, Italy

Integrated Design

At Guffanti Group, integrated design is at the core of our **multidisciplinary approach**. We believe that the success of every project stems from the perfect synergy between **architecture**, **structures**, and **systems**, ensuring a harmonious and functional final result. Our philosophy is based on constant collaboration between the various teams involved, where the architectural, structural, and systems design are not separate entities, but elements that work in perfect synchronization.

This method allows us to develop highly efficient design solutions that meet the client's aesthetic and functional needs without compromising structural integrity or system performance. Thanks to continuous dialogue between architects, engineers, and specialized technicians, we can **anticipate problems** and **find innovative solutions** that enhance the overall quality of the project.

Integrated design not only optimizes construction timelines, reducing potential unforeseen events during the building

phase, but also **ensures** accurate **cost control**, **avoiding waste and optimizing resources**. Every detail is carefully considered to ensure that aesthetics and design go hand in hand with **functionality** and **safety**. Guffanti Group's support continues during the construction phase with a structured and diligent **Project Management** approach.

Additionally, the use of advanced technologies, such as **Building Information Modeling** (BIM) integrated with **Artificial Intelligence** software, allows us to manage all project phases in a coordinated and transparent manner, improving communication between parties and ensuring a perfect alignment between the design and execution phases. At Guffanti Group, we are committed to offering **complete and integrated solutions**, where every element of the project contributes to creating efficient, safe buildings with distinctive design, in line with our clients' expectations and in compliance with current regulations.



MEDICAL FACILITY - Prizren, Kosovo

Green & Tech Vision

The increase in extreme weather events, such as heat waves, salt exposure, and solar radiation, significantly contributes to the accelerated degradation of buildings. Globally, the **construction industry is responsible for 39% of CO₂ emissions** (according to data from the Global Alliance for Building and Construction), representing an urgent and complex **challenge for sustainability**.

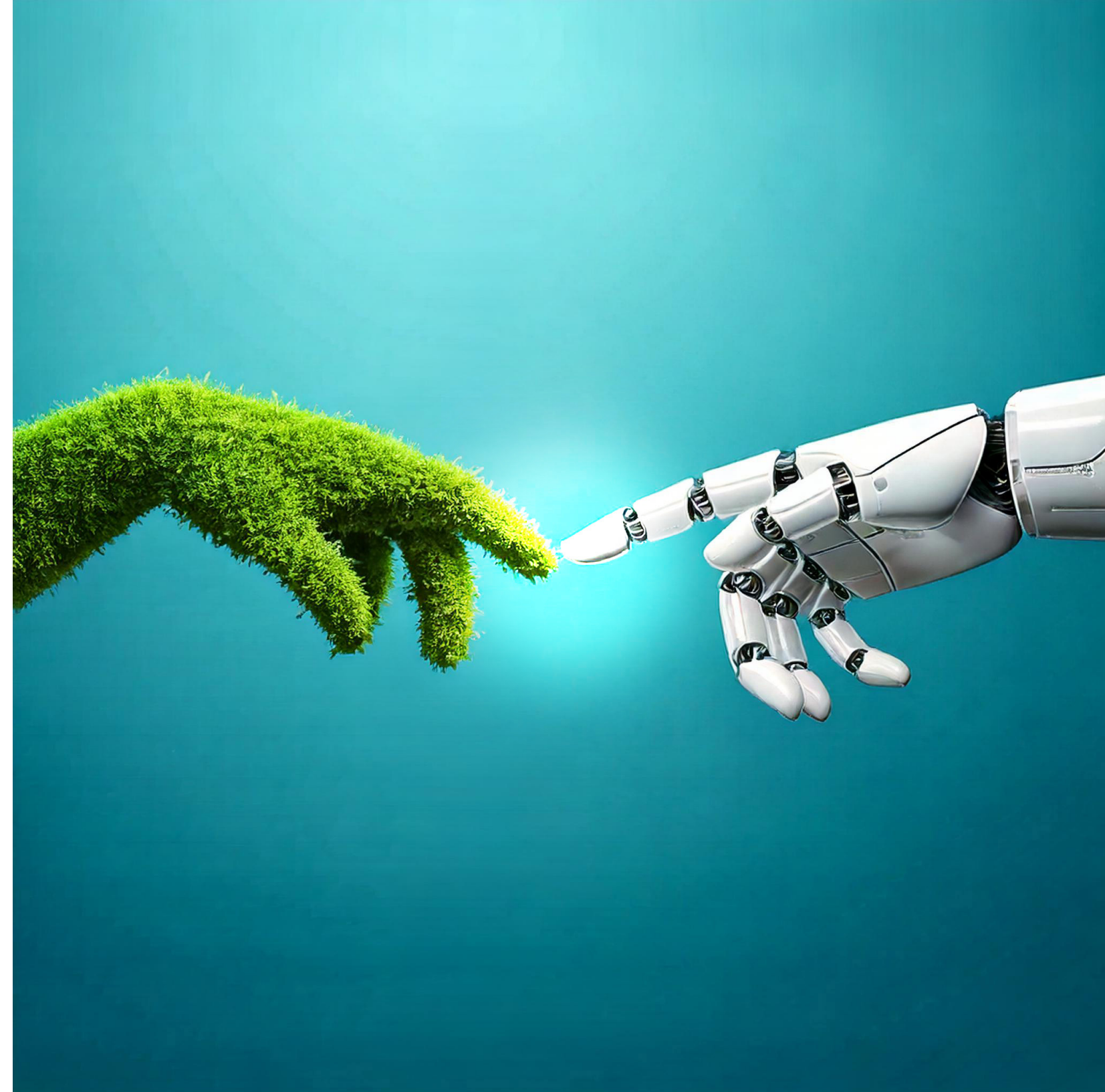
Guffanti Group addresses this challenge with a package of **Green & Tech solutions** designed to reduce emissions by 30% by 2030 and to **reach net zero by 2050**. Our approach integrates a green vision with advanced technological solutions, including dynamic energy diagnostics and **integrated building-systems-envelope-user solutions**.

Building from scratch is relatively simple; **today's**

real challenge is to renovate existing structures. Guffanti Group aims to transform current buildings into **responsive buildings**: structures that measure real environmental conditions through sensors and respond in real time, thereby meeting the dynamic needs of the population or clients and enhancing quality of life in urban environments.

Our interventions offer tangible benefits: a 50% reduction in water and energy consumption, a 200% increase in monitoring capacity, and a 300% improvement in indoor comfort.

These solutions are not only responses to the environmental crisis but represent a step towards more conscious and sustainable construction, with a positive impact on future generations.



Health & Safety

Guffanti Group has always had workplace safety in its DNA because “**Building safely means building with quality**”. Our purpose is to offer a comprehensive service in all aspects of health and safety management. Our team works professionally and, above all, with respect and passion, utilizing tools and digitalizing processes along with a **360° understanding of construction processes**. The technical-holistic approach to workplace safety stems from a profound knowledge of the construction cycle from a design, production, and economic perspective. Risk assessment is supported by management tools that allow for daily monitoring of construction production in quantitative (materials, dedicated resources, labor, machines), qualitative (work progress), and economic (production value) terms to anticipate and correct any misalignments in production, quality, or safety.

Health and Safety activities on construction sites include:

- **Risk definition and analysis through WBS** (Work Breakdown Structure), with a digital interface between the project’s cost estimate (needed to monitor quantitative and economic progress of the work) and the schedule (integrated with the daily planning of labor requirements);
- **Implementation of WBS** based on the progress of the work to incorporate risk assessments with specific focuses and insights;
- **Monitoring of site activities** through the schedule to anticipate interference and residual risks;
- **Compliance and drafting of specific procedures** to align corporate safety standards with Italian regulatory requirements, ensuring the client’s and site’s safety;
- **Requesting and obtaining timely authorizations** from various client departments to integrate and align workplace

safety procedures;

- **Immediate integration of safety procedures and schedule** with any changes during the project;
- **General coordination meetings and compartment-specific meetings**;
- **On-site training** with qualified trainers at least once a week, focusing on work at height, hot work, lifting and handling, electrical risk, work procedures, and coordination among contractors;
- **Use of sensor technology and digitalization** for contractor management;
- **Risk assessment** at activation/testing stages, specific lockout/tagout procedures for equipment, electrical work, and compliance with additional energy control provisions under OSHA standards;
- **Safety protocols** for suppliers;
- **Site monitoring and inspection** to ensure compliance with PSC, POS, and Client’s safety standards;
- **Procedures for alignment and updating of the emergency and evacuation plan**;
- **Daily monitoring audits and reporting. Construction site monitoring with AI and digital tools connected with cameras and remote control**;
- Preparation of the **building dossier, maintenance plan, technical dossier, and fire prevention dossier**;
- **Digitalization of documentation, information, and processes**;
- **Collaboration and coordination** with the client’s design teams, project supervisors, and other site roles;
- Technical consultancy to assist in potential legal disputes.



ROLES ASSUMED FOR THE CLIENT AND OVERVIEW OF SERVICES OFFERED

- Safety Coordinator as per D.LGS.81/08, drafting of the Safety and Coordination Plan;
- Health and Safety Consultant;
- Person Responsible for the Work as per D.LGS.81/08;
- Verification of the Technical Professional Suitability of Contractor Companies;
- Digitalization of Documentation, Information, and Processes;
- ASPP (Health and Safety Prevention Officer) as per D.LGS.81/08;
- RSPP (Health and Safety Manager) as per D.LGS.81/08;
- Project Management;
- Work Supervision;
- Monitoring and Reporting;
- Health and Safety Due Diligence;
- Technical Consultancy in Judicial and Extrajudicial Legal Disputes.

Additionally:

- Architectural, Structural, and Civil Plant Design;
- Fire Prevention Design, Certifications, and Renewals;
- Feasibility Studies, Expansions;
- Urban Planning Consultancy;
- Energy Full Renovation Strategies;
- CAM Refurbishment;
- Building Retrofitting.

ROLES ASSUMED FOR THE COMPANY AND SERVICES OFFERED

- Project Management;
- RSPP (Health and Safety Manager) as per D.LGS.81/08;
- ASPP (Health and Safety Prevention Officer) as per D.LGS.81/08;
- Health and Safety Consultant;
- Cost Control and Site Accounting;
- Scaffolding Design;
- Monitoring and Reporting;
- Technical Consultancy in Judicial and Extrajudicial Legal Disputes;
- Drafting of Operational Safety Plans;
- Definition of Standards and Implementation of Safety Levels;
- Design of Organizational Models and Company Safety Management (MOG) as per D.Lgs. 81/08;
- Design of Occupational Health and Safety Management Systems (SGSL) according to UNI ISO 45001 parameters;
- On-site Training also at ANCE (National Association of Builders) and in collaboration with local Paritarian Bodies;
- Participation in Reward Programs and Funding to improve company safety systems.



OFFICES & LOGISTIC - Magenta, Italy

Safety & Fire Prevention

At Guffanti Group, safety and fire prevention are fundamental pillars of our architectural approach. We have always made it our mission to create buildings that not only meet but guarantee the highest safety standards, **ensuring full compliance with the most stringent fire safety regulations** (OSHA, NFPA, UNI EN, UE). From the initial design phase to the final construction, we integrate innovative fire prevention solutions into every project to **minimize risk**: the fire protection plan is designed with maximum flexibility criteria to ensure future reconfigurations of the building.

A key element of our commitment to fire safety is our continuous **investment in education and training**. For years, we have been actively organizing regular training courses and offering specialized workshops and lectures on fire prevention. These initiatives are aimed at both our internal team and external professionals, ensuring that

we **share our expertise, stay updated on the latest advancements** in the field, and **foster a proactive culture of safety** across the industry. Manuela Guffanti is a member of the Fire Prevention Commission of the Milan Order of Architects. Our work involves close collaboration with leading experts and industry specialists to design and implement cutting-edge fire detection, evacuation, and suppression technologies. We use high-performance, fire-resistant materials that enhance the resilience of our buildings, ensuring long-term safety without compromising on aesthetic or functional quality. Our integrated approach combines safety, efficiency, and sustainability, ensuring that every project we undertake stands as a model of **responsible architecture**. Continuous education and training remain essential to our ethos, helping us push the boundaries of fire safety and maintain our position as leaders in the field.



Value Engineering

In the construction industry, the application of Value Engineering (VE) is a crucial factor for the success of large-scale and complex projects.

This approach has become an integral part of the design and execution process within Guffanti Group. In an increasingly competitive and sustainability-focused market, Value Engineering goes beyond simple **cost optimization**. Its goal is to ensure that every phase of a project meets the **highest standards of efficiency and quality**.

The significance of Value Engineering in construction lies in its ability to critically evaluate materials, construction techniques, and operational processes,

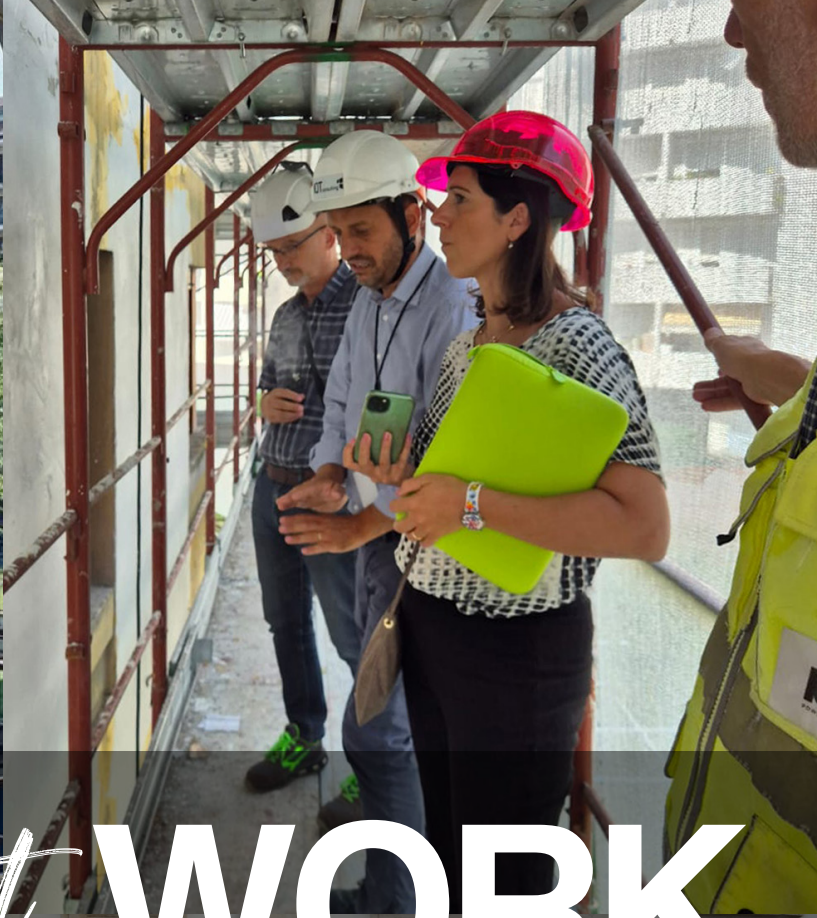
identifying solutions that maximize the value obtained from available resources.

For companies like Guffanti, the application of Value Engineering is essential not only for cost savings but also for ensuring **adherence to timelines and meeting the functional requirements of complex projects**, such as infrastructure, public buildings, and large industrial facilities. The VE approach, with its comprehensive and collaborative vision, allows for better results compared to traditional methods, making it possible to achieve an optimal **balance between costs, performance, and the durability** of the final work.





DUBAI ACADEMY - Dubai, U.A.E.



Champions at WORK *Champions in* SPORT





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