

Company Profile



architecture, engineering, urban planning

OVERVIEW

Politecnica is one of Italy's leading **integrated design companies**, offering a range of services including **architecture, engineering, and town planning**. With a track record stretching back over more than 40 years, this independent company has **41 members** (engineers and architects), who have signed off **jobs in over 50 countries around the world**, with an annual turnover of around €18 million, with 30% of that realised abroad.

Politecnica **develops projects in all areas, within both the public and the private sectors, including education and health facilities, industry, services, and infrastructure**. With our international division, we have also been involved with the designing of civil engineering and infrastructure works in a number of developing countries, as part of projects financed by international institutions.

Politecnica, among the pioneering companies in designing by **BIM** (Building Information Modelling), provides services in accordance with the **ISO 9001** Quality Management System, the **ISO 14001** Environmental Management System and the **ISO 45001** Occupational Health and Safety Management System, is credited with the **Legality Rating** highest score, is member of **Green Building Council** and promotes the best practices for environmental sustainability in compliance with **LEED** protocols. Moreover, many associates in Politecnica are certified with **Envision** and qualify for **Project Management Professional**.

Politecnica has **3 offices in Italy** – Modena, Milan, Florence – and has consolidated its presence abroad in **8 countries** (Belize, Croatia, Denmark, Guyana, Kenya, Malta, Romania, Sierra Leone).

Integrated design

One of the distinguishing features of Politecnica **is our ability to combine different skills** (from system engineering to town planning, structural design to architectural design) through a teamwork approach. **With over 250 inhouse professionals**, we offer clients designers, planners, engineers, consultants, and technicians **specialising in every skills area**.

Project Management

This is our **capacity to oversee the development of a project**, to handle its complexities and implementation according to the client's needs, guaranteeing efficient use of time and resources overall. With a department dedicated to **participatory and co-design**, we work together with institutions, local authorities, and communities to build projects of collective interest (schools, hospitals, infrastructure facilities) with the aim of combining all the stakeholders' objectives and creating benefits for future users of these projects.

Sustainability

Politecnica puts at the center of its interventions the well-being of the **community and people**, to make its contribution to the achievement of the Sustainable Development Goals - **SDGs** - presented in the UN 2030 Agenda, ratified by 193 countries around the world. Politecnica is committed to building infrastructures that connect peoples and communities more easily, enabling exchanges and relationships, inclusive and safe public buildings that facilitate social exchange, technologically innovative health facilities for patients, buildings aimed at education and teaching that promote sociability and interchange.

www.politecnica.it

BUSINESS SPHERES

Politecnica develops projects in Italy and abroad, in all areas of design: **public and private sectors, education and healthcare, industry, services, land use planning, infrastructure facilities (including roads, bridges, and railways), residential and tourism sectors, and restoration of cultural heritage.**

Planning for a clearer view of what lies ahead. Progress is for everyone.

Politecnica specialises in particular in the provision of assistance to **local government authorities in land use planning activities**, working with the **dedicated town planning team**, on all areas from the definition of the master plans to the Environmental and Social Impact Assessment (ESIA) and the **preliminary investigations for zoning plans.**

Action and projects that serve the community

In terms of projects of collective interest (schools, hospitals, infrastructure facilities), Politecnica has considerable experience in participatory and co-design and works together with institutions, local authorities, and local communities from the very first stages of a project. It aims to ensure all stakeholders' objectives are taken on board so as to create benefits for both the local community and future users of these projects. For example, **Politecnica has signed off more healthcare projects than any other firm in recent years**, with contracts including the Sassari university hospital complex, the Pordenone hospital complex, the new hospital in La Spezia, and the new university clinics in the city of Catania. Restoration and enhancement of **historical and architectural heritage** is another area where Politecnica offers special acclaim and experience. Our latest achievements include the **Complesso San Geminiano** - a historical complex located in the heart of Modena's old town and dating back to the 15th century, which has now been returned to the community - and numerous projects for the safety, repair, and strengthening of buildings damaged by earthquakes (including **Palazzo Sartoretti** in the town of **Reggiolo**, the cathedral (**Il Duomo**) and the **castle towers** in the town of **Finale Emilia**, the former convent of San Francesco in the town of **Mirandola**, and **Palazzo del Governatore** in the town of **Cento**).

Linking worlds ... people, companies, economies

When designing **transport and communication infrastructure** (roads, motorways, railways and **structures** such as bridges, tunnels, and elevated roads), commitment to sustainability is central and dialogue with local communities is vital. Politecnica projects include **design solutions** and technical policies that **respect biodiversity and foster the preservation of natural heritage** in order to bring benefits for the local environment, area, and communities.

We have completed numerous **civil and infrastructural** works in various developing countries as part of projects funded by international financial institutions. Projects like these include the recent design of a new 33 km stretch of road in Sierra Leone and the One Airport Square within the development of Accra International Airport, Ghana, as well as the new headquarters of Ethio European Business School and Business Innovation Centre, in Addis Ababa, Ethiopia.

Complementing all our clients' needs. Independence as a value.

Politecnica is involved in the industrial sector through the construction of new buildings as well as refurbishment, conversion, and structural recovery projects **featuring innovative design solutions which optimise initial outlay and management costs.**

In this area, the company assists private-sector clients throughout the project, from permit paperwork with public institutions to the final testing, and also with complementary activities such as independent auditing, due diligence reports, cost optimisation (value engineering), work management and consultancy services.

SERVICES

Integrated design

Politecnica has inhouse specialists for all skills areas (**town planning, architecture, systems, structures, and infrastructure facilities**) who work together, within a **multidisciplinary approach**, to bring unity to a project and integrate the various aspects and technologies, during both the design and the implementation stage.

For private- and public-sector construction alike, the process always starts with the search for solutions that combine **sustainability, innovation, creativity, and new human-centred technologies**.

Sustainability is central to the design method and an essential part of any project.

Designers are constantly researching lower-impact materials and systems. All Politecnica projects focus on the **people** who will be the end-users. The most innovative construction technologies are adopted in the technical decision-making and in site management, thereby ensuring better performance, less use of natural resources, and more energy saving.

Work management

As an independent, impartial company, Politecnica offers clients a **reliable, flexible partner to guide them, with commitment and dedication**, towards the achievement of their goals and projects.

The senior staff at Politecnica offer **cross-skills and experiences** that guarantee prompt and accurate handling of the project implementation activities, both in Italy and abroad, through to final testing, and employing international best practices.

Project Management

Project management is an integral part of the culture at Politecnica and an expression of our ability to achieve goals without losing sight of creativity and design innovation.

The company has all the professional skills needed internally to face any challenge, in addition to **an indepth understanding of the technical details and the ability to consider the management aspects of the project**, including costs and timing first and foremost. Politecnica's managers head up teams comprising designers and technicians, which ensures **faster delivery and better control of the investment costs**.

The PMP certification issued by the Project Management Institute (PMI) to Politecnica's managers provides the client with a guarantee of our ability to manage a project, using theoretical and practical **skills, tools and techniques** that are internationally recognised as the best and thereby achieving objectives relating to **work quality, implementation timing, available resources, and risk control**.

THE MEMBERS

The 41 Politecnica members (engineers, architects, technicians) all share a passion for work, a vision of human-centred design focussing on core values including respect for the community and the sustainability of the planet. A group of people with common values that is forging forwards with its sights set on the new challenges offered by technology and innovation.

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Contact details for press and public relations

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