



ARCHITECTURE AND BUILDING ENGINEERING

“We understand the idea of architecture as part of a complex urban context to which it has to contribute and enhance”



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In **Ingennus Urban Consulting** we strive to design buildings that meet the needs of our clients. Buildings that improve the lives of users and the community in general, helping to prevent effects on the environment and that will ultimately be remembered for their utility, aesthetics and sustainability.

We believe that good ARCHITECTURE is more than just design and aesthetics. We design buildings that serve their purpose effectively, proposing organization and operation solutions based on the study and knowledge of specific aspects of the building's use and function.

We analyse the expected energy demand and design active and passive technical solutions that enable optimum balance between its reduction and the implementation cost of the necessary solutions and facilities.

We provide constructive solutions appropriate to each location's availability, promoting the use of local materials or systems to reduce energy consumption caused by transport.



RELATED SERVICES

Arquitecture

- Architectural Design
- Analysis and selection of sites
- Landscape Architecture
- Lighting Design
- Programming
- Use of space
- Sustainable Design (LEED/ BREEAM)

Engineering

- Mechanics
- Heating, ventilation and air conditioning
- Plumbing and water supply
- Electricity
- Structures
- Safety in use
- Fire protection
- Energy management and maintenance

We design structure systems or modular enclosures that allow industrialization and prefabrication of components. The aim is to reduce costs by decreasing execution times and, at the same time, to ensure consistency and quality of the terminations. We approach each architecture project by integrating the building facilities; we develop all of them in a coordinated way, foreseeing the need for energy supply, anticipating the need for technical premises or conduction spaces and proposing efficient systems and equipments that do not require extensive maintenance or operation requirements.

We perform lighting studies conducted by modelling the different rooms and premises to ensure optimal quality and distribution of light, favouring the use of natural light versus artificial. We provide accurate technical documents for the authorization and full commissioning of the building facilities.



Project development and works planning Project management and consulting

- Feasibility studies
- Design management services and contracting
- Topographical studies
- Incidence analysis of technical and planning regulations
- Environmental Impact studies
- License Management

INGENNUS URBAN CONSULTING is a team formed by experts specialized in design and engineering. We offer an integrated service, aiming to satisfy the needs of our clients supported by the excellence of our work processes.



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