

## About us

**Foundation** IBTech® was founded in 1995 with the participation of the private sector and researchers specialized in environmental technologies from the UNAM, an internationally recognized institution, with which is still holding collaboration until today, providing postgraduate workforce.

**What we do?** IBTech® is a 100% Mexican company dedicated to the diagnosis, design, construction, and operation of water plants and wastewater treatment, as well as biogas generation plants and energy from biomass. The fundamental aim of the company is maintaining a leadership position in the market, especially in Latin America, through the application of advanced biotechnology concepts, engineering processes and all disciplines involved in the detail engineering, with innovative and efficient solutions but mainly sustainable in the social context of Latin America.

**Mission** Promote and implement sustainable technical solutions in line with the needs and requirements of our clients.

**Visión** To become a respected, recommended and a worldwide recognized company in the provision of services related to the treatment and sustainable use of water and biodegradable solid waste, even for the generation of renewable energy.



### Clúster de biogás (CEMIE-Bio)

The Mexican Center for Innovation in Energy, CEMIE-BIO is a cluster made up of higher education units, CONACYT centers and companies linked to the most prestigious energy production and with the most experience in the area of biofuels. The aim is for cluster participants to cover the entire value chain, from the laboratory to the end users.

The CEMIE-Bio is made up of five clusters: solid biofuels, bioalcohol, biodiesel, biogas and bioturbosin. The objective is to carry out advanced research, technological development and innovation, as well as the use of waste for the decentralized production of energy from biomass in Mexico. With the CEMIE-Bio it is intended to achieve that 5% of the electricity generated in 2027 is from methane and hydrogen derived from the residual biomass. This would contribute to the efforts that are being made to reach the goal imposed by the government, which is that by 2027, 30% of the energy produced in Mexico will be generated based on renewable energies

As a member of the CEMIE-BIO Cluster, IBTech® collaborates in the following areas:

- a. The construction and operation of biogas generation plants and use of biomass for power generation at pilot scale.
- b. As intermediate stage or preliminary definition, the technical assistance in everything related to the generation of specifications of electromechanical equipment, instrumentation and control systems that have application on a pilot scale and even on a real scale, related to the generation of biogas and its later use for power generation, even scaling up to the completion of basic engineering projects with some detailed engineering elements that allow making estimates of investment or economic feasibility, at an order of magnitude.
- c. Eventually, and if necessary, the development of complete engineering projects that can lead to a real-scale application of the results of the applied research that is generated by the academic participants of the cluster. That is to say, the elaboration of executive (constructive) projects, including their technical-economic feasibility analysis with a higher level of precision, for the real-time implementation of the technological developments generated by the cluster.

### Principle declaration

The quality policy of IBTech® supports the following principles:

1. Comply with current environmental regulations.
2. Respect each signed contract.
3. Encourage innovation and creative work.
4. Offer the process that fits the best with client's needs
5. Commitments to specify processes or equipment that only suit a supplier or brand and not the end customer are unacceptable
6. Maintain customers relationships within an atmosphere of trust, respect, cordiality and honesty.
7. Always encourage teamwork.
8. Achieve sustained growth year after year regarding the number of projects executed, as well as the level of innovation and challenge in them.

**Presence in Latin America**

IBTech® has competitively entered the Mexican market as well as in several Latin American countries: Argentina, Chile, Colombia, Costa Rica, Ecuador, Honduras, Nicaragua and Peru.



IBTech® is a 100% Mexican company with more than 22 years of experience, dedicated to the diagnosis, design, construction, start-up and operation of water treatment plants, as well as biogas generation plants and energy from biomass.

**Contact us:**



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