

Join the cooperative energy transition

Technical consultant - building decarbonization



Who are we?

We are a worker cooperative founded in 1999 with a clear purpose: **to drive the energy transition** through innovative and sustainable solutions that help companies, public administrations, and other cooperatives move toward decarbonization and the use of renewable energy. At Aiguasol, we don't just work with numbers, data, and projects—**we work with people and values.**

Our daily work is grounded in technical expertise and innovation, but also in collective creativity and the conviction that change is only possible when done together. That's why every project is an opportunity to rethink how we use energy, promoting more responsible consumption and fairer, more sustainable energy generation.

With over 20 years of experience, we participate in national and international projects across diverse areas such as urban planning, building design, industrial processes, and energy access. And we always approach our work with a dual perspective: **technical rigor and socio-environmental commitment.**

What will your position be?

We are looking for a **Technical Consultant** with experience and strategic vision to participate in innovative projects that promote building decarbonization and reduce environmental impact, both through passive approaches and the design of efficient energy systems.

You will join our technical team in Barcelona, working on consultancy, engineering, and research & innovation projects, contributing solid technical knowledge and analytical skills to design sustainable energy solutions.

In your day-to-day role:

- You will contribute to the development of passive building optimization projects and the calculation of energy demands, modeling and simulating buildings and their systems to improve efficiency and thermal performance.
- You will evaluate different energy system alternatives from both technical and economic perspectives, identifying the most efficient and sustainable solution for each project.
- You will participate in the design of thermal and renewable energy systems, such as aerothermal, geothermal, biomass installations, district heating networks, and other technologies, at the preliminary or basic project stage.
- You will prepare technical reports and proposals to guide decision-making and facilitate the communication of results to clients and collaborators.
- You will inspect installations and systems as part of energy audits and diagnostics, proposing strategies to improve energy performance.
- You will collaborate on research and innovation projects, providing creative and efficient solutions that contribute to the development of new sustainable energy models and technologies.

- You will maintain communication with internal teams, clients, and external collaborators, ensuring smooth collaboration and consistent technical alignment throughout the project.

At Aiguasol, we believe that energy and engineering can transform the environment and society, and we want your talent to have a real impact.

What are we looking for?

We want to add to our team a person with experience, technical rigor, and motivation to work on energy transition projects within a cooperative. We are looking for someone who, beyond technical knowledge, brings the ability to work independently, critical thinking, and a collaborative spirit.

Your experience and knowledge:

- Degree in Engineering or Physical Sciences, with knowledge of building physics and/or thermal energy systems.
- More than 5 years of experience developing energy optimization projects and HVAC systems.
- Experience in optimizing thermal demands using dynamic simulation tools (TRNSYS, Design Builder, or similar).
- Design of efficient HVAC schemes for NZEB (Nearly Zero Energy Buildings).
- Systems engineering for the development of preliminary designs, basic designs, and executive projects for thermal installations.
- Valuable experience in the design of renewable energy production systems (solar thermal, photovoltaic).
- Fluency in English to participate in international projects.

Your skills and abilities:

- Autonomy and the ability to work independently.
- Ability to work in a team and collaborate constructively.
- Problem-solving in complex scenarios or with unconventional solutions.
- Interest in participating in research and innovation projects.
- Motivation to be part of a cooperative and participatory organization.

What we offer

Joining Aiguasol means embarking on a path where work and personal life can grow in balance, and where your talent serves a shared project.

- Permanent contract from day one.
- Salary according to the collective agreement, based on experience and qualifications, applied with fair and equal criteria for the entire team.
- 40-hour workweek.

- Flexible working hours, so you can find the best way to balance your life at Aguasol with your personal life.
- Hybrid work model, combining on-site and remote work.
- 24 days of annual vacation + 2 additional days (December 24 and 31).
- Variable bonus linked to the cooperative's year-end results.
- And if, after some time, you feel the project is your own and want to take it further, you will have the option to become a member of the cooperative and join the ownership team that drives the organization.

Do you want to be part of the change?

If you have the experience, a passion for energy, and the desire to collaborate on a project working toward a just energy transition, we want to meet you!

 **Write to us at: rrhh@aguasol.coop**

And if this isn't for you but you know someone with this profile, share this opportunity with them. Because building the future also means cooperating.

Join our team, and help us drive the energy transition forward!