



Damm's commitment to sustainability: an environmental management model that promotes self-consumption and renewable energies



Sustainability is one of Damm's strategic pillars through which it contributes to building a future that is more respectful towards the planet and people. In keeping with Damm's commitment to the environment and to ensure sustainable growth, the company has consolidated a **cross-cutting environmental management system with three goals: to reduce the consumption of natural resources, recycle by-products and generate energy from renewable sources**. In 2022 the company joined the global RE100 initiative as a sign of its commitment to sustainability and the use of fully renewable energies, becoming the first brewery in the world to form part of this movement. All the actions included within the framework of Damm's environmental management system are the sum total of the efforts made by the **Energy Optimisation Department**, a team created in 2008 whose purpose is to guarantee the company's commitment to the environment **throughout the value chain**.

"Successfully completing the energy transition to more sustainable models is a priority at Damm. We're therefore working on the evolution of our energy sources towards renewable sources that will allow us to minimise our environmental impact and generate clean energy for our self-consumption", explained **Juan Antonio López Abadía**, Damm's director of energy and environmental optimisation.



One of the projects that Damm has carried out as part of its commitment to energy optimisation and the use of renewable energies has been the installation of **photovoltaic panels at its production and packaging plants**.

Since 2008, 12.7 million euros has been invested in the expansion of its photovoltaic energy production capacity by means of the creation of a photovoltaic park that now covers an area totalling 32,182m² and boasts a production capacity of 7.1G Wh of clean energy per year. This project has enabled Damm to **become the brewery with the largest number of self-production solar energy photovoltaic panels and the greatest autonomy in the generation of the electricity it consumes on the Iberian Peninsula**. Moreover, this year the company plans to continue expanding its photovoltaic array with the installation of 23,500m² of solar panels at some of its plants.

In keeping with Damm's commitment to the energy transition towards more sustainable business models, **in recent years the company has incorporated other renewable energy sources into its production processes, including cogeneration from biogas**. The company currently produces energy by means of cogeneration through a 10 MW turbine located at its factory in El Prat de Llobregat (Barcelona) and two cogeneration engines providing 5 MW of power at the La Moravia malting plant in Bell-lloc d'Urgell (Lleida). The two cogeneration plants supply the equivalent of all the heat consumed at them. Furthermore, in the course of its activity Damm **has incorporated trigeneration**, a process that extends cogeneration to include refrigeration.

One of the projects that stands out for its innovative nature is the one that was undertaken after the end of the COVID-19-related state of alarm in Spain to generate 100% green energy from beer kegs that had been left open in catering establishments (a total of 3.5 million litres). With the implementation of this system Damm achieved a dual purpose, **reducing the volume of waste generated and promoting energy savings**. The transformation of the beer enabled the company to generate almost 670,000 kWh of electricity (the equivalent of the average monthly consumption of around 2,500 Spanish households) and reduce its carbon footprint by around 250,000 kg of CO₂. With the implementation of this system Damm achieved a dual purpose, reducing the volume of waste generated and promoting energy savings.

Damm's efforts to build a business model that is more respectful towards the planet have enabled the company to generate **60% of the electricity it consumes in its activity, and it only uses certified green energy sources**. In 2022, the company reduced the energy required for beer production by as much as 36% in comparison with 15 years ago, reducing its CO₂ emissions by more than 23,000 tonnes at its production and packaging plants. All with a single purpose: "to ensure that every time someone consumes one of Damm's products, it doesn't harm the planet", says López Abadía.

More information about our environmental management model at our [2022 Annual Report](#).