



The company

In 2015, United Nations Member States adopted 17 Sustainable Development Goals as part of the 2030 Agenda for Sustainable Development, setting out a 15-year plan to achieve these goals to protect the planet and improve the lives and prospects of people around the world.

Ancor Tecnológica Canaria (ATC) is firmly committed to the 2030 Agenda and its Sustainable Development Goals.

ATC not only aims to integrate the Sustainable Development Goals into its business activity but also seeks to involve as many companies as possible in this ambitious common challenge set by the United Nations.

In this respect, and considering the nature of our activity, there are five Sustainable Development Goals

(SDG) that especially apply to us and to which we have therefore attached particular importance:

- SDG 3. A healthy lifestyle
- SDG 6. Clean water and sanitation
- SDG 8. Sustained economic growth
- SDG 9. Industry, innovation and infrastructure
- SDG 12. Sustainable manufacturing and consumption

A comprehensive analysis will be made in the following sections to explain how ATC has aligned its activities with the five SDG mentioned above through the development of its NOB 166 product.



NOB 166 and the SDG



Goal 3: Ensure a healthy lifestyle and promote the well-being of all people at all ages.

Goal 3.9 By 2030, significantly reduce the number of deaths and diseases caused by hazardous chemical products, pollution and contamination of air, water and soil.

NOB 166 helps to reduce air, water and soil pollution because, from a volume point of view, the effect on the environment is drastically lower. Therefore, the current hazards posed by the chemical industry are reduced by means of a much more environmentally friendly behaviour and a product that can be easily used by anyone.

By preventing the growth of microorganisms for at least 7 days in the fabrics to which it is applied, NOB 166 slows down the wear of these fabrics by reducing the number of washes to which they are usually subjected, thus extending their useful life and also substantially reducing the consumption of polluting laundry chemical products as well as the energy consumption required

by the high-temperature sanitising process.

The EN1276 standard sets a 15-gram quantity of disinfectant chemical product per kilo of fabric, with an effectiveness time on the fabric of just a few minutes. NOB166 guarantees an effectiveness time of at least 7 days by using only 0.04 grams of product per kilo of fabric.

In addition, NOB166 is effective in cold water, which represents savings in power consumption of around 85% as of the outset. Coupled with the savings in power consumption time, this results in total energy savings of between 87% and 90% compared to current sanitation processes. If the damage caused on the fabric by mechanical and chemical processes during the wash is also considered, it is safe to say that NOB166 not only extends fabrics' useful life by 35%, but also helps to reduce the working times of washing machines, thereby extending their service life.



Goal 6. Ensure the availability and sustainable management of water and sanitation for all.

Goal 6.3 By 2030, improve water quality by reducing pollution, eliminating a large quantity of chemical waste and hazardous materials, halving the proportion of untreated wastewater and significantly increasing recycling and reuse, thus avoiding hazards worldwide.

By protecting fabrics from the contamination caused by microorganisms for a period of at least 7 days, NOB166 eliminates the need for daily wash, which helps to reduce water consumption in general, as well as the amount of contaminated water particularly due to chemical waste, such as cleaning products. This saving is especially relevant in places such as hospitals and nursing homes, where garments are commonly washed on a daily basis.

Since a decrease in pollution translates into an easier wastewater treatment, NOB166 helps to reduce the cost of existing conventional treatments and provides, as a product, molecules that can contribute to the treatment of water (microbicide) even before such conventional treatments.



Goal 8. Promote sustained economic growth as well as full, inclusive, sustainable, productive and decent employment for all.

Goal 8.3 Promote development-oriented policies that support productive activities, the creation of decent jobs, entrepreneurship, creativity and innovation, as well as encourage training and the growth of micro, small and medium-sized companies, even by means of access to financial services.

ATC is a company committed to R&D+i to reduce the effects of pollution by the creating jobs and collaboration networks aimed to finding environmental solutions that promote the intelligent use of technologies available to all.



Goal 9. Build sustainable infrastructures, promote inclusive and sustainable industrialisation, and encourage innovation.

***Goal 9.4** By 2030, modernise infrastructure and restructure industries to make them sustainable by making a more efficient use of resources and promoting the adoption of clean and environmentally sound industrial processes and technologies, leading all countries to take measures in accordance with their respective capabilities.*

***Goal 9.b** Support the development of domestic technologies, research and innovation in developing countries by ensuring a legal framework appropriate for industrial diversification and the creation of added value to commodities, among others.*

ATC provides formulations for turning current systems into others that are more efficient, such as the use of other types of additives in detergents in addition to prolonging the effect of these new systems over time, providing a more lasting effect that

saves resources (less frequent washes, then fewer washes and less use of chemical products for a longer period of time).

ATC supports and prioritises research for the protection of the environment and public health, always at the service of those who seek the same goal.

Unlike other biocides, NOB166 is made using inorganic materials that are recyclable. In that sense, it is much more sustainable than other organic biocides, which are not recyclable and are made of non-renewable raw materials.



Goal 12. Ensure sustainable manufacturing and consumption patterns.

Goal 12.4 By 2030, achieve the environmentally sound management of chemical products and all wastes throughout their lifetime, within the framework of international agreements, and significantly reduce their release to the atmosphere, water and land in order to minimise adverse effects on human health and the environment.

Innovation technologies are key to achieve this goal and due to its 100% recyclable composition, NOB166 helps to reduce waste in accordance with such goal.

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