

Cepsa Química develops the first renewable energy traceability system for the manufacture of chemical products, validated by AENOR

- **It is a pioneer process for the chemical industry that will serve as the basis for the creation of an international certification for low carbon footprint products.**
- **Cepsa's Becancour plant in Canada becomes the first facility to obtain this certification.**
- **Cepsa Química is the world leader in the production of LAB (the most widely used product in the manufacture of biodegradable detergents) and the first company to launch a certified LAB with the same characteristics and a lower carbon footprint, produced with biogas and certified by AENOR.**
- **The NextLab-Low Carbon produced by Cepsa Química is the world's first linear alkylbenzene (LAB) produced mostly with certified renewable energy and with almost 20% less carbon footprint than that produced with fossil energy.**

Cepsa Química the first global methodology to ensure traceability in the production of low-carbon LAB, produced from renewable energies, validated by AENOR (the Spanish Association for Standardization and Certification). The plant that Cepsa Química has in Bécancour (Canada) has been the first facility to be certified with this process. Specifically, AENOR, using this new procedure, has validated the traceability of the reduction of emissions based on the consumption of biogas used in the production of the NextLab-Low Carbon, the first in the world LAB produced with a majority of sustainable energy. The carbon footprint of the new NextLab-Low Carbon is 19% lower than that of the LAB produced with fossil fuels, based on the Life Cycle Analysis prepared by Cepsa Química and verified by a panel of three independent experts.

As said by Alfredo López Carretero, Safety, Sustainability and Energy Transition Director at Cepsa Química: "the development of this new certification process carried out together with AENOR is an endorsement of Cepsa's efforts to achieve a more sustainable chemical industry that respects our environment, while we continue to advance in our Positive Motion strategy and in the objective of decarbonization and reduction of CO2 emissions until we reach our Net Zero commitment in 2050".

The method developed by Cepsa Química and validated by AENOR is based on the application of several international standards such as UNE-EN 16325 on guarantees of



origin related to energy and electricity, ISO 22095 on chain of custody, and ISO 14067 on greenhouse gases.

This is the first certification of its kind in the world. To date, there had been no certification on the traceability of CO2 emission reductions based on the use of renewable energy to manufacture products with fossil raw materials. This methodology responds to a need identified in the sector, where the combination of products manufactured with non-renewable raw materials and the use of renewable energies, and therefore with a lower carbon footprint, did not have external certifications.

Next Platform

This product is part of the company's new NEXT platform of sustainable products. LAB is the most widely used product worldwide in the detergency and homecare sector to produce biodegradable detergents.

Cepsa Química's NextLab product range enables detergent companies to achieve their own decarbonization targets by producing a final product with a lower carbon footprint, while maintaining the same performance as the traditional product.

In addition to NextLab-Low Carbon, Cepsa Química also has NextLab R made from renewable raw materials and is working on the development of a new product called NextLab-C based on circular raw materials from recycling processes.

Cepsa is a leading international company committed to sustainable mobility and energy with a solid technical experience after more than 90 years of activity. The company also has a world-leading chemicals business with increasingly sustainable operations.

Under its Positive Motion strategic plan for 2030, Cepsa aims to be a leader in sustainable mobility, biofuels, and green hydrogen in Spain and Portugal, and to become a benchmark in the energy transition. The company places customers at the heart of its business and will work with them to help them achieve their decarbonization objectives.

ESG criteria inspire everything Cepsa does as it advances toward its net positive objective. Over the course of this decade, it will reduce Scope 1 and 2 CO2 emissions by 55% and the carbon intensity index of energy products sold by 15-20% versus 2019, with the goal of achieving net zero emissions by 2050.

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