

# A pioneering environmental programme centered on results

Our sugar, alcohol and bioethanol production has one of the smallest carbon footprints on the European market.



## IN THE FIELDS

Production methods with the highest standards of sustainability



**77%** of our sugar beet crop was certified Gold or Silver SAI in 2021. This proves the sustainability of our agricultural raw materials (Initiative for sustainable development in agriculture)



**100%** of our growers are committed to the Cristal Vision sustainable agriculture frame of reference



## AT OUR PRODUCTION SITES

We are taking ambitious steps, some of which have been rewarded by *France Relance*, to reduce our energy consumption and decarbonise our operations. And the results are already here!

**8%** less energy consumed since 2010 and a target of **17%** less energy consumption between 2010 and 2030

**15%** fewer CO<sub>2</sub> emissions since 2010 and a target of **35%** fewer CO<sub>2</sub> emissions between 2015 et 2030

Ecodesign packaging for Daddy sugar made out of kraft paper which represents **10 million** fewer plastic bottles per year



## IN TRANSPORT

> **1,000 tons** of greenhouse gas emissions avoided due to the removal of earth from our sugar beets

> Geolocation of sugar beet piles and trucks to optimise shipments

> Multi-modal transport of our finished products



## SHORTENING THE SUPPLY CHAIN

The production and harvesting of our sugar beets has been optimized, with an **average distance of 30 km** between our fields and our production sites



**Xavier Astolfi**  
Chief executive officer  
at Cristal Union

"At the forefront of sustainability in our sector, we are proud to be able to offer sugar, alcohol and bioethanol products which have a carbon footprint that is one of the lowest on the European market."