



TEREOS IN BRIEF

Tereos brings together 12,000 French farmers within its cooperative organizational structure, all cooperative growers who share the same values of solidarity and fairness, with a view to jointly processing and marketing their output of sugar beets and cereals.

13,000 permanent employees process sugar beets, sugar cane and cereals into sugars, starches, alcohol and ethanol, coproducts for animal feed and recycle bagasse from sugar cane into electricity.

With an industrial presence on three continents - Europe (France and Czech Republic), South America (Brazil) and Africa (Mozambique and La Réunion) - Tereos has 32 modern, large-scale industrial facilities. Tereos has steadily developed its activities in each of these areas.

Thanks to its solid understanding of technology and markets and its long-term strategic vision, Tereos has quickly reached a leading position in sugar and alcohol/ethanol sectors.



HISTORY

1922-1924

Arras Central Sugar Factory company is created. The capacity of the sugar factory is 1,200 tons per day.

1930-1950

F. Béghin buys the Arras Central Sugar Factory. The capacity of the factory reaches 3,000 tons/day.

1972

The Longueval grating factory has closed. Boiry's sugar factory get a new diffusion system. The capacity of the factory reaches 6,000 tons/day.

1974

Capacity increased at 12,000 tons per day. Storage capacity reaches 100,000 tons. Saint-Just-en-Chaussée sugar factory has closed. Boiry takes back its production of sugar beets.

1978-2002

The capacity reaches 18,000 tons per day. A dispatch hall of up-market sugar is built.

2003

Béghin-Say acquired by Union SDA and Union BS.

2004

Union SDA and Béghin-Say become Tereos.

2006

Merger between SDHF and Tereos. New beet ethanol unit built. Installation of a new cistern for low purity syrups containing 70,000 m³.

2006

11 million euros are invested to perform the energy consumption.



The Boiry Sainte Rictrude plant

Boiry plant

4, rue de la Sucrierie

F-62175 Boiry Sainte Rictrude

Phone : +33 (0)3 21 50 77 00 - Fax +33 (0)3 21 48 28 48

2009 Campaign

www.tereos.com



A REGIONAL ECONOMIC PLAYER

The seasonal activities at the Boiry-Sainte-Rictrude site include quality sugar production. The workforce consists of 121 permanent employees, with an additional 109 seasonal workers employed during the sugar beet campaign.

2,600 growers

The sugar factory processes the sugar-beets produced on 21,000 hectares by 2,600 cooperative growers from the Pas-de-Calais and Somme regions. The plant's average sourcing radius is 39 km.

SUGAR BEETS

The sugar beet is an extraordinary plant which produces more than 13 tons of sugar per hectare, i.e. 1.3 kg of sugar per square meter!

The plant is a member of the chenopodiaceae family. Monogerm seeds are sown in March at a rate of 100,000 plants per hectare. Throughout the growth period, beets are fertilized and treated with pest control products, perfectly suited to their requirements.

The leaves are the "laboratory" where sugar is produced, which is then stored in the plant's roots. The average yield is upper than 80 tons of sugar per hectare with a 16% sugar content. For the Boiry site, harvesting begins in September and the campaign lasts 95 days.

Beet growers are making further efforts to reduce dirt tare, i.e. the soil adjacent to the beets, under 10% in order to minimize problems on the roads, at the plant and in the settling tanks.

THE SUGAR FACTORY

Thanks to investments and ongoing improvements, the capacity of the Boiry sugar factory increased to 20,000 tons of beets per day.

The automation level and the professionalism of the employees allows to run the factory with twenty people only during the night.

The average annual production of white sugar at the Boiry sugar factory is 210,000 tons of white sugar (N°1 and N°2 high filtrability CEE quality).

The sugar factory also produces 100,000 m³ of low-purity syrup (EP2) for the alcohol production. In 2006, a new EP2 storage tank of 70,000 m³ has been built.



210,000 tons of sugar per year

PACKAGING

Thanks to its four silos with a total capacity of 175,000 tons, Boiry can store different qualities of sugar. This industrial site satisfy the special requirements of food industry and pharmaceutical industry in Europe.

The production is mainly sold in bulk and dispatched by road tankers or by rail.

PULP DEHYDRATION

The sugar factory also produces pulps, co-products of sugar production.

110,000 tons of pressed pulps and 72,000 tons of dehydrated pulp called pellets, from Boiry plant, through the "SICA Pulpes de Boiry", are used in animal feed each year.



72,000 tons of dehydrated pulps

QUALITY, SAFETY, ENVIRONMENT

Tereos France set up, since the beginning on the 90's, for all its industrial facilities and services, a quality management system certified ISO 9001 by LRQA (Lloyd's register Quality Assurance). Since 2004, norms for foodsafety management have been implemented in Tereos: BRC (British Retail Consortium) for all industrials facilities and IFS for the one in Artenay. Moreover, Tereos works on the certification based on the ISO 22000 reference and should be certified for it in november 2009. In addition, sugar factories coproducts used in animal feeding comply with the IFIS referential.

Concerning security, Tereos conducts a global prevention policy around employees and machinery. This strategy is based on risk management and rules application. Its four pillars are : exemplarity, responsibility, prevention and training.

Environment is a constant concern for Tereos France for years. Improving measures and specific investments allows a sensible reduction of environmental impact.