



Plant for renewable products

Durazno, Uruguay

Project data

Commissioning: December 2014, Extension in December 2018

Input materials: only cow slurry

Technical data

Pre-storage tank: 3x 1,048m³

Digester: 8x 4,904m³ (Ø 31.48m, H 6.30m)

Combustion heat capacity: 6 MW

CHP: 800 kW_{el}

Characteristics

The operator of the biogas plant produces milk powder products. In order to meet the increasing demand, a completely new location with 14,000 dairy cows, a dairy and the biogas plant was built. In Durazno about 20,000 tons of milk powder are produced annually for export.

The entire site is operated very sustainably in all parts of the company. The own fodder cultivation also contributes to this. The digestate is used for fertilization. Moreover, the operator even achieves synergies with the other operating units when producing his own fuel: In an oil mill, in addition to soybean oil, which goes into the biodiesel plant, press cake is also produced, which is used to feed the animals.



The milk is processed into milk powder for the Chinese, Brazilian and Middle Eastern market on site.



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