

● 2013

Bernau

Plant size: 190 kWel

SUBSTRATE

Grass silage, cow manure, pig manure, corn silage



DESCRIPTION

A virtuous story from a social and environmental point of view, where the commitment of people on the one hand and the exploitation of organic materials on the other generates a synergy of real sustainability. More than 200 inmates, who helped build and implement the biogas plant and the agricultural business, are brought together with the prison staff by a common goal in keeping with the requirements of the prison facility and budget.

Since its activation, the plant has brought to life an example of a virtuous circular economy, contributing significantly to the reduced consumption of fuel for heating. Most of the electricity produced is used by the facility itself and only the excess is fed back into the grid.



USE OF BIOGAS

Production of electricity and heat



USE OF DIGESTATE

It re-enters the agricultural production plant cycle, helping to improve quality and quantity.