

# BIOENERGY INNOVATION CENTER (BIC)



2021

Seaford, DE

Plant size: 1.600 m<sup>3</sup>/h biogas

## SUBSTRATE

up to 210,000 tons per year of organic by-products and wastewater from the poultry industry



## DESCRIPTION

Bioenergy Innovation Center (BIC) currently operates a composting plant, selling this organic product throughout the region. The addition of an anaerobic digestion plant improves the valorisation of by-products and wastes from the poultry industry, allowing the production of biomethane and quality digestate that can be used as a soil conditioner.



## USE OF BIOGAS

Transfer to the local municipal company



## EXPLOITATION OF HEAT ENERGY

The thermal energy produced is used to heat the digesters and to post-treat the digestate



## USE OF DIGESTATE

Organic compost is sold as an excellent organic soil conditioner