

# Watershed of the river Ajuricaba Agroenergy Condominium for Family Agriculture

Parana State a region specialized in converting vegetable protein into animal protein, specifically, swine, cattle and poultry;

Consequences → high concentration of animals in a small area and for this reason a large concentration of residual biomass → eutrophication

- ✓ The condominium has the participation of 33 properties (10 to 20 hectares)
- ✓ Production: soybeans, corn, wheat, besides 1,072 cattle and 3,082 pigs
- ✓ Generating approximately 16 thousand tons of waste / year.
- ✓ 33 digesters and 25 km of pipelines connected to a thermoelectric micro-center
- ✓ Biogas has three possibilities of conversion: electric energy, thermal energy (grain dryer) and vehicle power.



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