

Terragr'eau

Soil and water quality in the Evian water basin

Description and key objectives

The project brought together around 50 dairy farmers in the Evian water basin to create the first carbon-neutral biogas plant in France. While the plant is owned by local authorities, the farmers are responsible for the treatment of the effluents of their livestock at the plant and the spreading of digestate on agricultural land. The project aims to:

- Establish a group, Terragr'eau, for the management of the plant.
- Protect water resources and promote a sustainable agricultural model on the territory.
- Demonstrate the feasibility and environmental benefits of recycling animal effluents to produce biogas.

Key achievements

- The adoption in the Evian area of precision farming using high-performance equipment.
- A clear and traceable framework for the collection and spreading of effluents.
- A 10% reduction of CO₂ total emissions stemming from farming practice (~1 300 tonnes of CO₂/year).
- Biogas sales of 1 250 000 m³ per year.
- Annual injected energy of 10 GWh/year (~800 households' consumption/year).

Total project budget	€ 9 332 000
EU contribution (EAFRD)	€ 1 050 000
National/regional contribution	€ 3 260 000
Private/own funds	€ 5 022 000

RDP Measure(s): Agri-environment-climate, M10;
Investments in agricultural holdings, M4.1

Timeframe 2015-2017

Website <https://www.facebook.com/Terrageau/>

