

#ENGIEHarmonyProject No. 2: “Green Gas Farmers” in France

After “Solar Graffiti” in Mexico, ENGIE filmed the second volume of its #ENGIEHarmonyProject communications programme in France, comprised of collaborative and innovative projects with positive environmental and societal impacts. This second film, entitled “Green Gas Farmers”, tells the true story of farmers having set up a circular economy system producing renewable origin gas. Available on your screens starting 11 May!



The scenario: In the heart of the Vendée countryside, in Mortagne-sur-Sèvre, ten farmers decided to recycle their livestock effluent and other agricultural waste to produce biogas and then green gas - or biomethane. A solution provided by a methanisation plant, AgriBioMéthane¹, in partnership with ENGIE, and operated by the farmers, as well as a biomethane service station which supplies the village with green fuel. To celebrate the existence of this virtuous circle of the circular economy, the farmers decide to gather for a festive meal. To get there, they take the village bus, which uses green gas and they get together around the table for a socially-responsible meal of local products, cooked using natural gas. Less pollution, less noise, less waste and more renewable resources, a great example of a collective project with positive impacts for the greatest number of people.

Different views of the actors of this virtuous collective project, Green Gas & Farming x Technology:

Damien Roy, President of AgriBioMéthane: *“Thanks to the mixture of livestock effluent and agri-food by-products as well as the natural methanisation process, we produce biogas which is then refined to obtain a methane-rich gas: biomethane. This green gas is injected into the network of the*

¹ AgriBioMéthane is a model methanisation unit located on the farm, situated in Mortagne-sur-Sèvre, in the north-east Vendée department, and created 4 years ago by a group of farmers working on 4 farms.



Mortagne-sur-Sèvre village and is equivalent to the local energy needs of 2,100 residents, 30% of the population. We also offer our biomethane to public transport, industrial firms and local authorities in the form of fuel for light and heavy vehicles. It currently supplies the equivalent of 800 light vehicles or 40 heavy vehicles per year. Called 'Agri Carbur', this locally-produced green gas emits no fine particles, its carbon footprint is almost zero and it reduces engine noise by 30%. A great success of which we are all very proud!"

Xavier Passemard, ENGIE Biogaz CEO: *"ENGIE Biogaz, an ENGIE subsidiary, is contributing to achieving the energy transition within rural areas by promoting energy that is produced and consumed locally. To promote the development of new sources of local and sustainable bio-energies, we are supporting the actors of the farming world and local authorities in carrying out their methanisation projects and helping them to promote "green gas" produced in the form of fuel for clean transport, energy for heating buildings and cogenerated green electricity. In partnership with local regional actors, we are currently working on forty or so projects, most of which will come to fruition in 3 to 4 years' time. We believe very strongly in the growth of biogas in France, a young and emerging market."* To learn more about ENGIE Biogaz, [click here](#).

Antoine Besse, Director of the film: *"We made this film like a documentary. It is a vibrant and genuine portrait of the life of a community in a village of Vendée. That of farmers, workers, cooks, technicians and sales people who collectively contribute to transforming, people's everyday lives in a sustainable way, using renewable resources, exploited locally. One of the major challenges was to strike the right balance between respecting the authenticity of the people of this village and at the same time telling them about the innovation and progress of this futuristic method, without distorting reality."*

To learn more about the #ENGIEHarmonyProject and discover our collaborative projects: www.harmonyproject.engie.com