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Gas Distribution Infrastructure is a useful network and an operational battery

The energy transition is at the heart of ENGIE's policy. We believe that Renewable Natural Gases (RNG) have a role to play in this transition.

Storengy develops technologies and partnerships with innovative companies in the energy sector to make the most of RNG.

We would like to thank you for organizing this workshop in early June, and for giving us the opportunity to make comments.

It is recognized that green electricity will be the most important vehicle for reducing greenhouse gas emissions by 2050. This is not a point of discussion.

However, a sustainable energy mix should be put in place. This means that a place must be defined for biomass, shallow geothermal energy, and RNG, for example.

The study's approach, which supports this reflection, is intended to be holistic, making it possible to define a definitive answer concerning natural gas infrastructure.

If the conclusions of the study form the basis of a policy, it will be decided to stop using the natural gas distribution system in part or in its entirety. It will prohibit medium-duty and heavy-duty vehicles from using RNG as fuel. Not all of them are part of captive fleets, or with renewable fuel available around the corner. These elements are not included in the study, leaving a significant part of the polluting emissions out of the scope. They should be addressed, and the RNG is an answer.

Electricity production and consumption are not always balanced. The natural gas distribution network can be used as a large battery.

When there is too much green electricity available, hydrogen or synthetic natural gas can be produced and fed into the gas grid. The distribution network will then act as a battery, storing energy for later use. This approach reinforces the operational importance of assets in place and whose investments have been paid for a long time.