



Biogás
BRASIL



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DESENVOLVIMENTO REGIONAL

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EXECUTIVE SUMMARY

The production and use of biogas is possible from different arrangements and scales. In specific cases, the integration of production units allows the achievement of project viability in an accelerated manner, when compared to individual units. In this context, two alternatives can be explored, the transport of biogas (via biogas pipelines) or the transport of biomass (via road transport). The transport of biogas in Brazil does not have specific regulations and regulations. To validate the process and technologies some national research, development and innovation projects were developed.

These projects were implemented and studied in southern Brazil to validate operational parameters, giving conditions and technical subsidies for the expansion of similar arrangements. The state of Paraná is a pioneer in transporting biogas via pipelines, in its territory are 2 agroenergy condominiums in operation - Condominium Ajuricaba (transporting biogas and using it as a source of thermal energy) in Marechal Cândido Rondon - PR and R&D COPEL in Entre Rios do Oeste - PR.

Considering this scenario, the Biogas Transport Guide was structured to reduce the asymmetry and lack of information about this stage of the biogas production chain. The transport of biogas is a strategic action to enable small and medium biogas projects, generating environmental, economic, and social impacts for different segments of the sector.

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