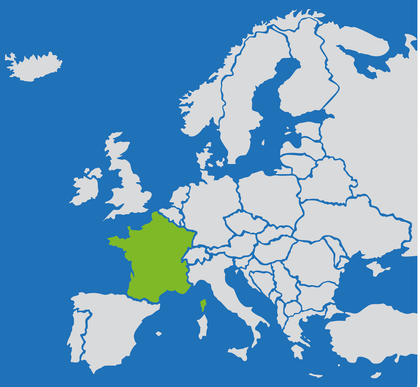
Integrating agroecology with the downstream: non-food value chains



AGRI Innovation summit 2019

Other Multiactor Project

Territorial Economic Development, Circular Economy and Energy Transition

DETECTE - Développement Économique Territorial, Économie Circulaire et Transition Énergétique

Practical problem

Impacts of biogas deployment (anaerobic digestion) on territories and territorial governance.

Partners

AC3A, chambers of agriculture, local authorities, companies.

Calendar

Start: 31/08/2016
End: 31/05/2020

Budget

Total amount:
€320,000

Objectives of the project

TERRITORIAL GOVERNANCE OF THE CIRCULAR ECONOMY: What are the conditions for the emergence and the determining factors of a territorial governance of biogas? IMPACTS & VIABILITY OF THE CIRCULAR ECONOMY: To what extent are these territorial energy systems based on biogas cost-effective and sustainable? EMERGENCE OF NEW ENERGY CLUSTERS: How to mobilise and exploit territorial resources in a sustainable way? What are the success factors of a project and the specific characteristics that a territory must have to encourage the emergence of new sectors?

Main activities

IMPACTS OF BIOGAS INSTALLATION: Measurement of the economic, territorial and environmental impacts of biogas units (econometric models – input-output model) TERRITORIAL GOVERNANCE OF THE CIRCULAR ECONOMY: Analysis of the role of each of the actors, their interactions, organized and geographical proximity. Were there any brakes? How were they lifted? What acceptability? Understanding of the contradictory logics between actors: singular interests of the stakeholders versus collective interest of the project (semi-directive interviews) (GEO)PROSPECTIVE: Identification and characterization of methanizable deposits (Geographic Information System)

Expected results

Determine the conditions fostering the emergence of territorial governance of projects, promote acceptability. A geographical information system as a decision-making tool to support future project leaders in choosing the location of their biogas plant. Towards a development model for the territories that will adopt the circular economy and energy transition approach, based on biogas.

Results so far/first lessons

Collective methanization projects are struggling to emerge, even though they are likely to generate positive benefits for the territories as part of the energy transition. Given this observation, this study provides relevant elements to improve the governance of collective methanization projects and to facilitate the implementation of a circular economy and a sustainable territorial economic system for stakeholders. CONCERTATION prior to the projects is fundamental to their success.

Who will benefit

Project leaders, local authorities, farmers, citizens

Supported by:

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