The case for BIOGAZ: the role of farmers in the transition to renewable energy

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OFATE
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Agrivalor Energy

30,000 T/year of organic feeding
- 23% of animal waste
- 55% of local biowaste
- 22% of green and plant waste

24,000 T/year of raw digestate, fertilizing 2,000 acres

1.4 MW/h of electric power or 11,900 MW/year produced

1.3 MW/h of thermal power or 7,700 MW/year to heat the area

9 jobs created
Our vision of the transition to renewable energy

Fossil fuels / renewable energy

What’s at stake: environmentally - economically - socially?

More durable energy mix
Created in 2010

More than 200 participants in 2017

High diversity of size, feeding materials and biogaz products
And us, biogaz farmers?
A new appreciation for waste recovery

Replacing chemical fertilizer

New techniques and solutions in farming
Climate

New energies

Better carbon balance
Economy

keeping our investments local

NEW local circular economy
NEW activity for farmers

NEW local jobs
Our circular vision

1 - La collecte des déchets
Agricoles Agro-alimentaire Collectivités

2 - La méthanisation
Stockage des intrants DIGESTEUR Stockage du digestat

3 - La transformation
BIOGAZ

4 - La valorisation
Energétique Agronomique
Biométhane Électricité Digestat

5 - Production alimentaire
Chaleur Cogénération Épuration
The path to the transition is unstoppable

...keep your eye on the prize!