

# Dairy farming, dehydration cooperative and waste treatment

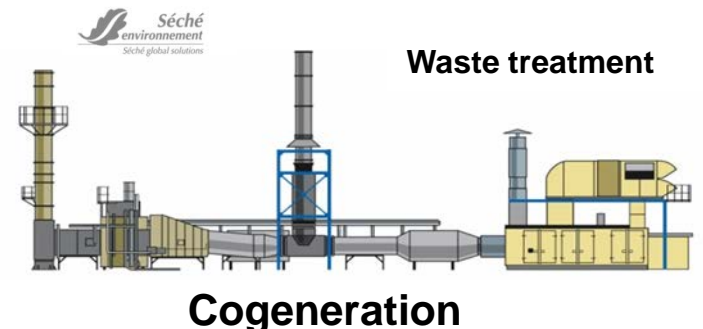


Pays de la Loire (F)

Example of successful cooperation between dairy farmers, a dehydration cooperative and a company of waste treatment in the realisation of nature and environmental objectives

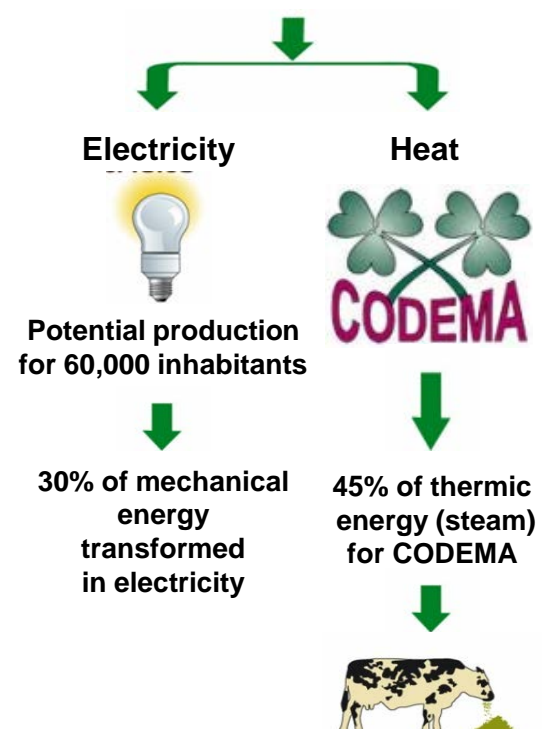
## Cooperation Partners

- Farmers (of whom dairy farmers)
- Cooperative of Dehydration of Mayenne (CODEMA)
- Séchée Environnement company



## On what aspect do the partners cooperate?

- The Séché Environnement company transforms the biogas produced from household waste into electricity and heat (co-generation)
- CODEMA proposes to his 550 members, to take care of the total chain from harvest until drying of feeds using the heat from Séché
- Dairy farmers must be members of the cooperative to benefit from CODEMA services



## The benefits

- For **farmers**: insure feed autonomy, with a good quality and easiness to use
  - Increase of autonomy in cattle feeding (i.e. a dairy farm with crop production, from 87 to 91% with 3 kg /day of dehydrated alfalfa)
  - A noticeable economic interest :
    - own feed production and use and milk production,
    - N fertilizer and N concentrates purchase,
    - positive effect on animal health,
    - depending on price of raw materials and forage yields
  - Possible long storage in the form of granules or of corks while conserving proteins and trace elements
  - Beside alfalfa farmers can also dry maize for cattle feeding
- For **Séchée Company**: create added value to part of the biogas from household waste



## Added benefit for society ?

- At **farm scale**, this initiative strongly decreases greenhouse gas emissions. Also it stimulates the use of alfalfa, and thus limits the use of nitrogen fertilizers and decreases soya imports.
- At **regional scale**, CODEMA employs 8 people and helps 550 farmers to reduce feed costs and environmental impact.



<http://webtv.agriculture.gouv.fr/Codema---biogaz-et-alimentation-animale-video-857.html>

[www.interregdairyman.eu](http://www.interregdairyman.eu)