

Dairy Farming and Hedges for Energy



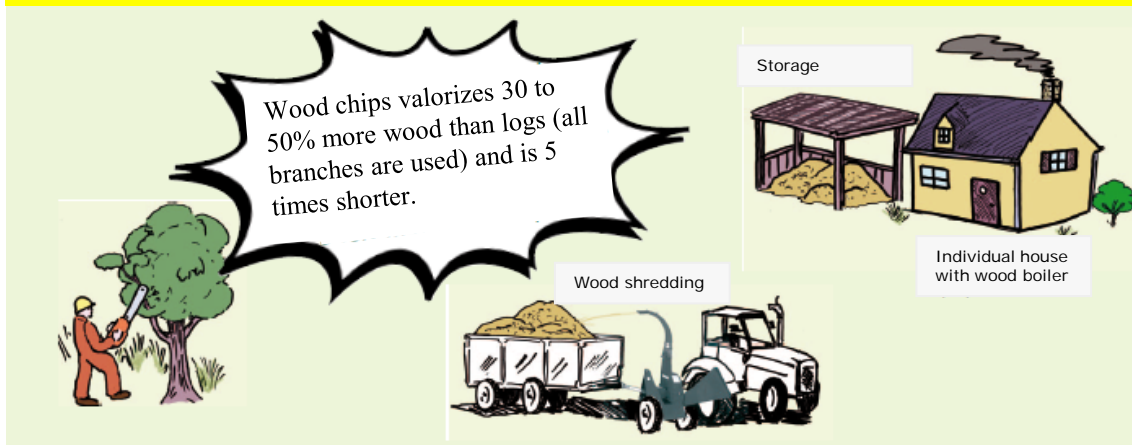
Brittany (F)

Example of successful cooperation between a dairy farmer and customers for wooden chips

- Fossil energy becomes more scarce and expensive
- Growing number of boilers based on wood chips
- Environmental benefits
 - landscape
 - biodiversity
 - soils and water protection
- Exploiting hedges = maintaining hedges and regional heritage



Hedges' utilization, an opportunity for many farms



Information

- 1 dried ACM (Apparent Cubic meter) = 250 kg dried wood chips
- ± 25 ACM heats a house of 100 m²
- 1 liter of fuel = 2,7 kg of dried wood chips
- 3,3 kW/h/kg of dried wood chips

Production costs

- Per hour: labour € 15, tractors € 16, shredder € 200
- 100 m hedges = 25 dried ACM
- Felling, pruning, storage: 8 à 20 hours
- Shredding: 0,5 à 3 hours
- Transport: 0,5 à 2 hours
- Total cost: € 290 à € 850
± € 23/dried ACM

