

Resilience awareness tool

What is resilience?

Resilience has been defined by the Eurodairy Hauts-de-France operational group (composed of farmers and professionals from the dairy sector) as such:

“Capacity to adapt to unexpected events to ensure the continuation of the dairy farm, using social, economic and environmental factors”

The Hauts-de-France EuroDairy group defined five aspects that characterize the resilience of dairy farms: Strategy, Technique, Economy, Human and Social, Environment.

These five aspects are evaluated with the EuroDairy tool.

Objectives of the approach

- ★ To allow for a **simple and quick** approach of resilience
- ★ To give a **global and practical vision** of the farm
- ★ To define **indicators of resilience that are adapted** to dairy farmers
- ★ To **simplify the outreach** of the tool
- ★ To **capitalize** and compare results

Simply put, the objective is to help farmers reflect on the coherence of their systems according to their strategies and their capacity for resilience.

How to use the tool

This tool is designed to be used by advisors directly with farmers.

For each of the five (equally important) aspects of resilience, the tool gives a score (see back). For each aspect, you need to fill a section. Techno-economic data is compared to reference cases from the French farm networks named Inosys Réseaux d'élevage.



The tool is used in 3 steps:

- ★ Making an appointment and asking for all necessary documents:
 - Management file(s)
 - Livestock inventory (pre-fill if possible)
- ★ Appointment: discussion on each section, "pre-summary" face-to-face. This tool was designed to input information in **2 hours with an instant interpretation of the results**
- ★ Mailing of the overview so that the farmer has the appointment in written form.
- ★ Afterwards, it is possible to further the use of the tool (technical, economic and strategic support)

Important

One of the pros of this tool is the ability to discuss while entering information, which enables the advisor and the farmer to talk about themes that do not always appear in everyday discussions. This is why having a face-to-face meeting is necessary.



A Farmer's opinion

"With this tool, I can ask myself questions and reflect on them. This highlights possible improvements and ways to go further."

Jean-Marc Burette, dairy farmer from Pas-de-Calais

Example of EuroDairy Resilience tool overview:

Workforce: 1.5 available workforce / agricultural land surface: 67 ha Volume produced: 670,000L

76 Holstein cows

Calving period: May to November
Age at first calving: 24.7 months
Apparent charge: 2.2 LSU/ha

Environmental section

- Good practices for animal health
- Low-input practices
- Maintenance of biodiversity
- Farm with a low grass part
- No cost-saving/energy production actions
- Low crop diversity

Volet humain et social

- Openness of the farmer, involvement in training
- Establishment of security measures
- Professional fulfilment
- Good neighbor relations
- Animal welfare
- High charge load ?of work
- Insufficient farmer welfare (hard work, holidays)

Strategy and system section

- Increasing the workforce
- Actions to develop territorial integration
- Evolution towards greater automation
- Development of complementary "standalone" workshops
- Current situation: 2 dairy production plants and only one outlet for the milk

Dairy production technical section

- Decision-making autonomy
- Good technical performance
- High productivity
- Good health management
- Lack of feed autonomy
- Very high apparent stocking ratecharge

Economical section

- Technical efficiency (27%EBE/PB)
- Low weight of mechanization
- Good financial management
- High level of debt
- Low availability

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