

TOOL: Carbon Footprint



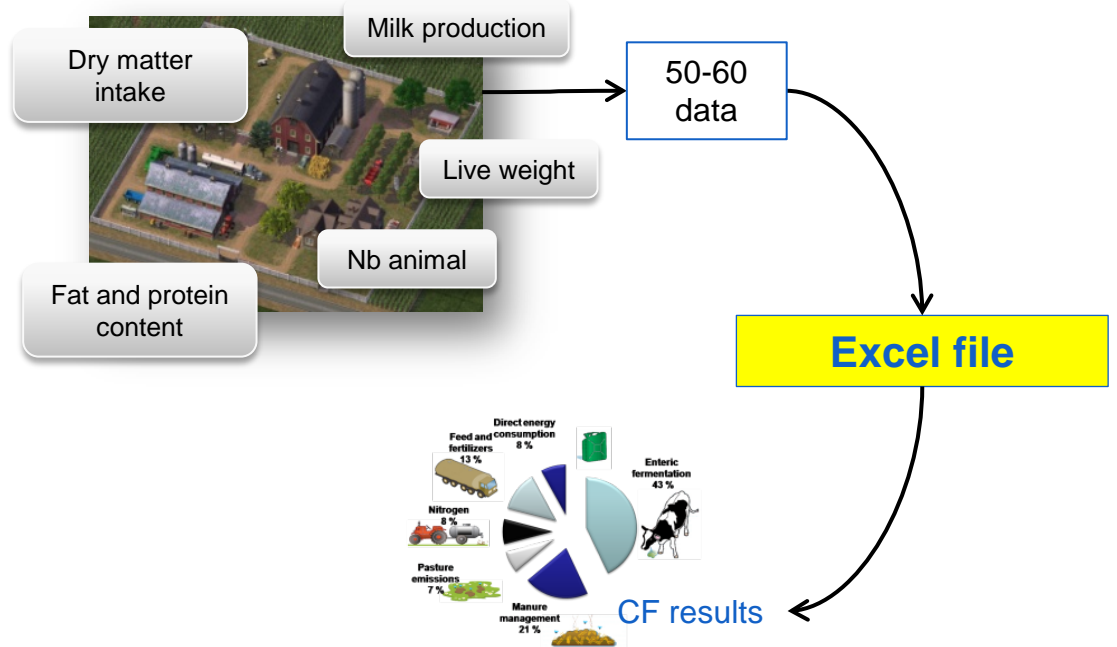
France

Simple Excel tool to estimate the carbon footprint (CF) of dairy farms

- Quick and easy
- Identify sources of impacts
- Understand CF methodology
- Define way of improvements
- Adaptable to other regions

Methodology

- Life Cycle Assessment (LCA)
- Boundary: cradle to farm gate
- Follow IPCC method
 - N₂O, CH₄, CO₂ calculations
 - C sequestration calculations
- FU: kg CO₂ / kg of milk
- Allocation milk/meat
 - Biological
 - Economic
 - Protein (FAO),
 - Feed Energy (IDF)



How to proceed?

CAP'2ER

(www.idele.fr)

Designed for two types of users

User: EVERYONE

- Available online
- Purpose: to introduce environmental assessment
- Input: 16 data from a dairy farm on contribution to biodiversity + CF

User: ADVISOR

- Under construction
- Purpose: to do an environmental assessment
- Input: 50-60 data from a dairy farm
- 5 impacts to the environment
 - CF, eutrophication, acidification, energy consumption, biodiversity

