

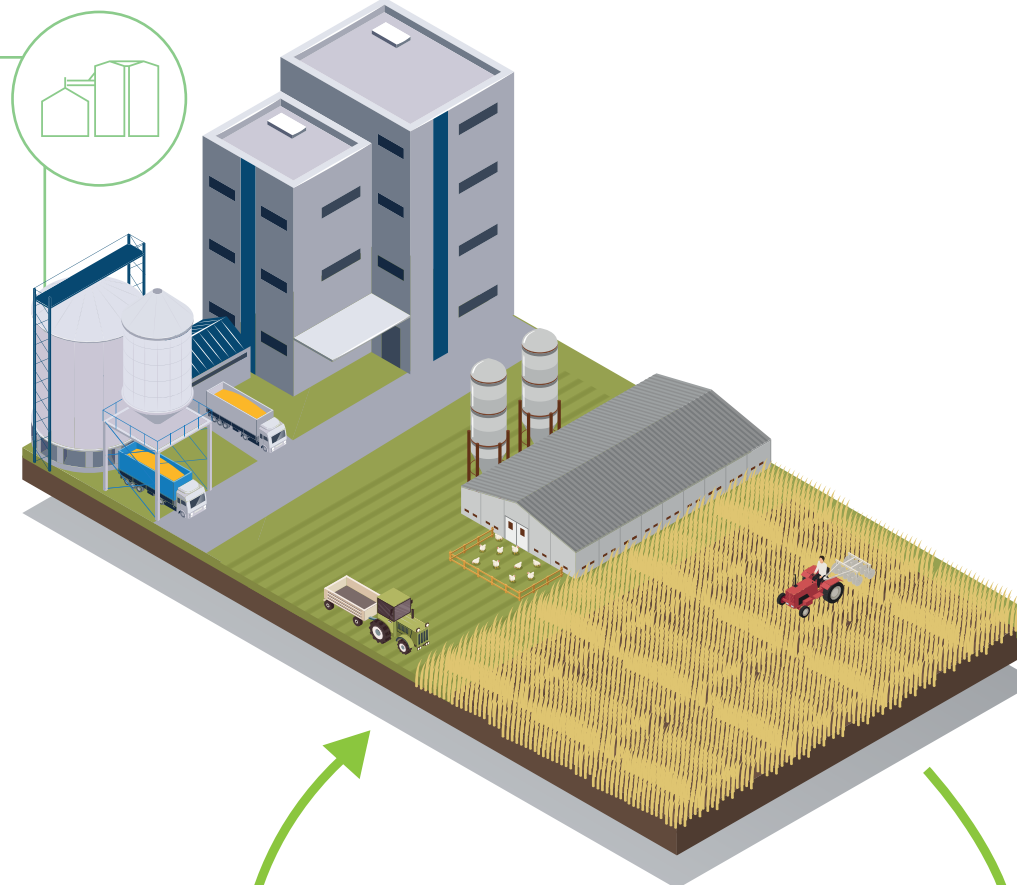
Broiler poultry production : Levers for reducing the carbon footprint⁽¹⁾ at the farm gate by up to 15%

Reducing the carbon footprint of compound feed

-10% to 30%* Kg eq CO₂/T feed
thanks to formulation

**Withdrawal of soya derived from deforestation*

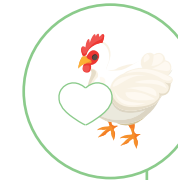
- Diversity of raw materials in terms of **quantity and quality**
- **Qualification and choice** in formulation of new raw materials (sustainable, local)
- Formulation taking into account **technological parameters** and **feed quality criteria** on energy consumption (grinding, granulation)
- **Multi-objective** formulation



Improving livestock performance

- 2% to -6% kg CO₂ eq / kg live weight
with Proactiv'® Poultry, digestive comfort
solution

- **Health parameters:** quality of bedding, leg comfort, etc.
- **Productivity parameters:** improved FCR, viability, fattening duration (~1 day per cycle)
- **Good rearing practices** to reduce discharges and emissions



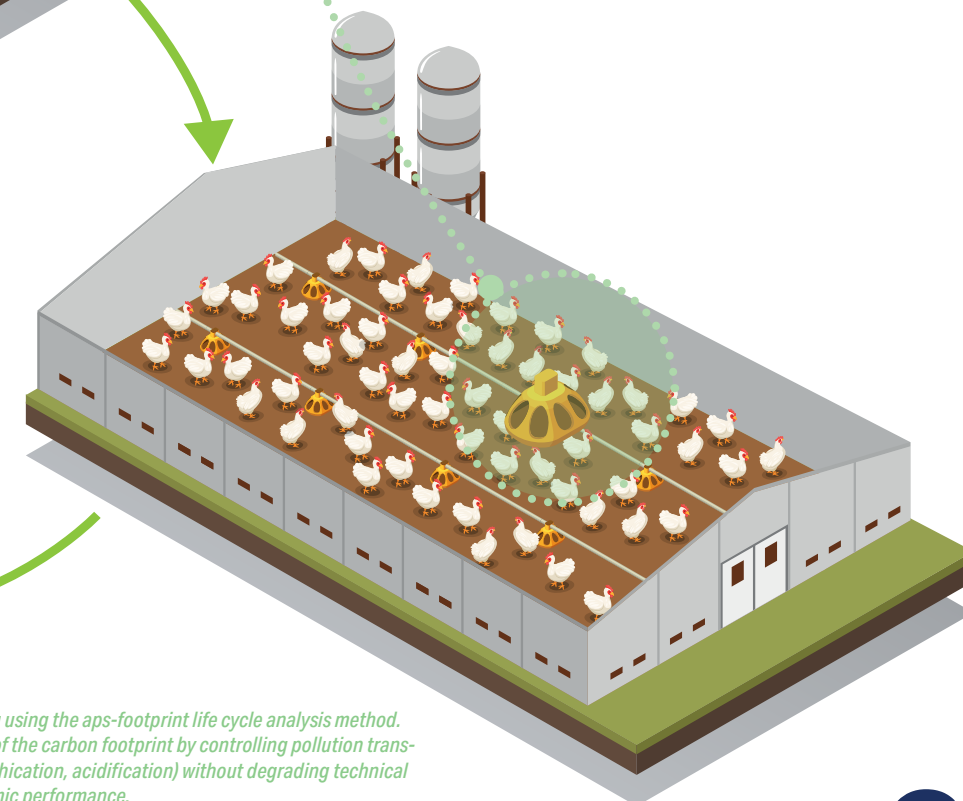
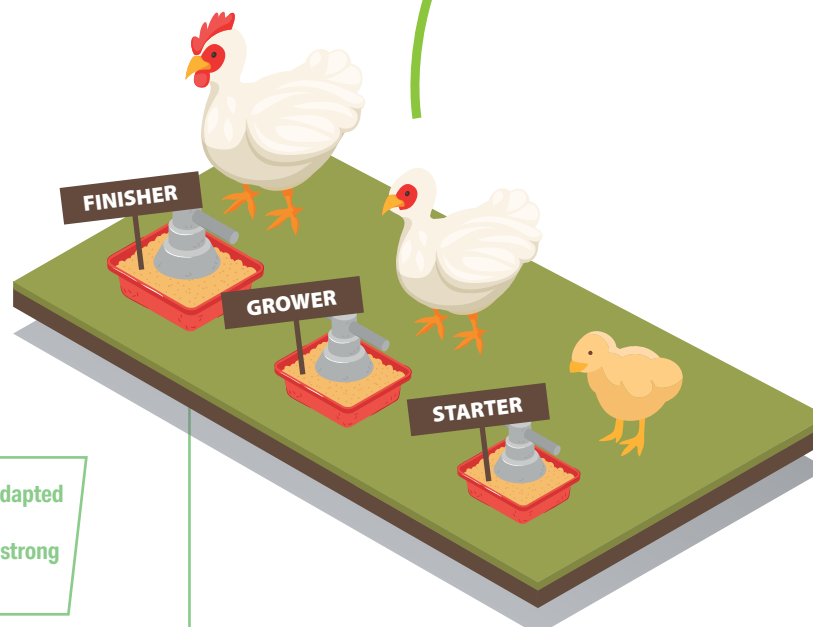
Feeding with precision

-10% kg CO₂ eq/ kg live weight
(by optimising protein intake)

-2% on the acidification
impact criterion

Up to -9% on the eutrophication
impact criterion (fresh water)

- Feeding program by **physiological stage and adapted to the genetics**
- **Dynamic optimisation** of nutrient levels with a strong environmental impact



⁽¹⁾ Modelling using the aps-footprint life cycle analysis method.
Reduction of the carbon footprint by controlling pollution transfers (eutrophication, acidification) without degrading technical and economic performance.