



# Carbon footprint per kg of milk

## How to measure your footprint and develop an action plan

A focus on nutrition from calf to 5th lactation and beyond, coupled with good farm management can play a pivotal role in transforming our industry. Trouw Nutrition's approach is both to partner with other industry stakeholders and to develop sustainable nutritional products and solutions. With this collaborative approach we can empower the whole feed-to-food chain to reduce our footprint and to create a brighter future from planet to plate.



We have developed our MyMilkPrint tool to measure the impact of purchased feeds and animal diets, plus potential animal performance in order to identify specific interventions on farm to reduce footprint and increase profitability.










### **Rationale of MyMilkPrint tool to look at impact of raw materials, feed and overall diet vs. milk production**

- Carbon footprint is the new parameter to compliment diet formulation using quality assured metrics.
- Ability to review daily on farm decisions for their impact on carbon footprint today and over time. Proactively reviewing future reported footprints over time.
- Offers a proactive insight into the future carbon footprint of an enterprise.
- Multifaceted approach identifying not only carbon footprint potential, but also production, efficiency and profitability for a balanced approach.
- Ability to look beyond just carbon footprint to other environmental parameters e.g. ammonia and land use change.

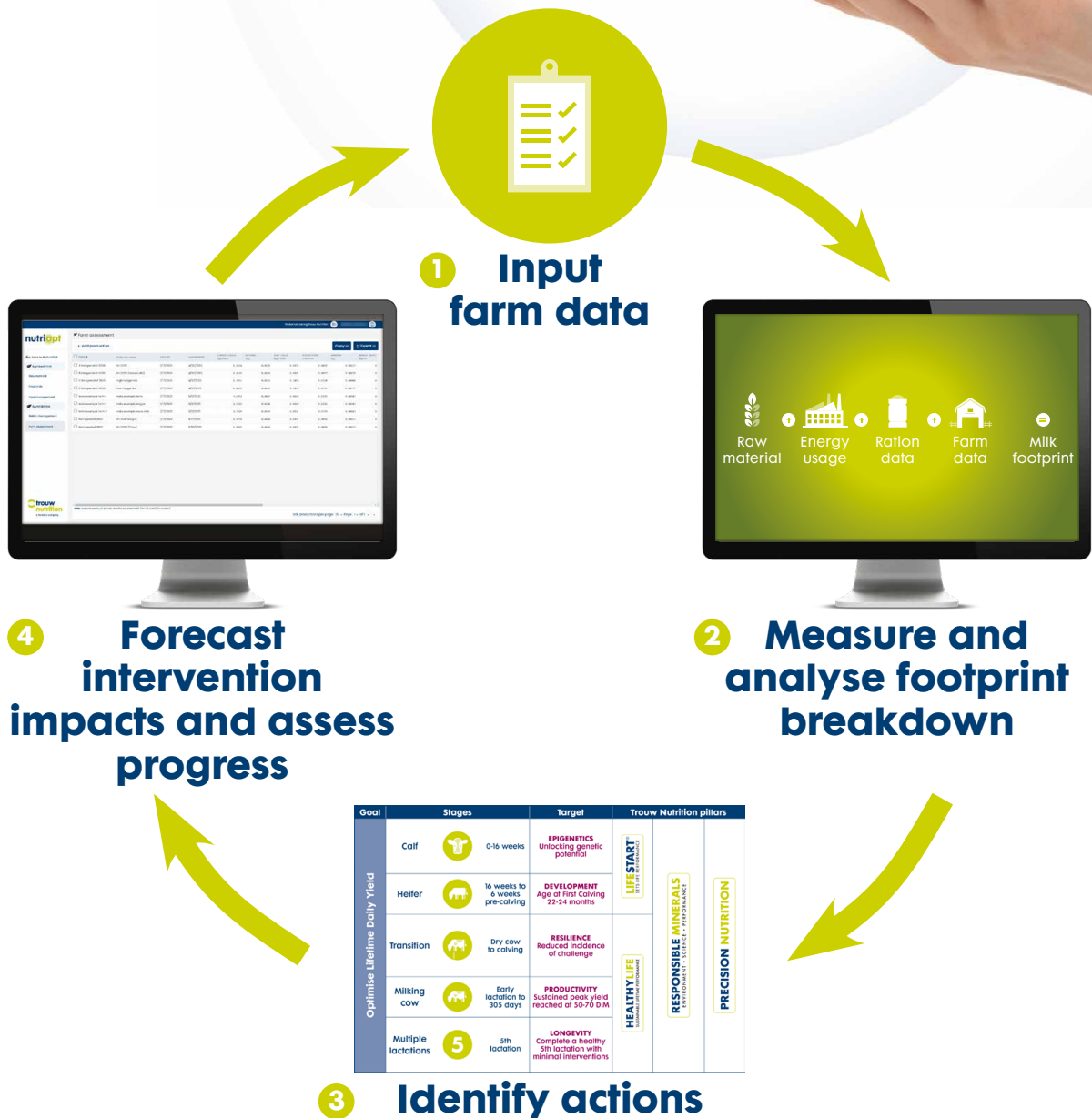
## Your carbon footprint management plan

- 1** Measure your baseline carbon footprint per kg Fat Protein Corrected Milk (FPCM) using MyMilkPrint tool.
- 2** Look at the biggest hotspots in your footprint » what is contributing most to your footprint?
- 3** Use MyMilkPrint to look at the impact of feeding and management changes on carbon footprint reduction:
  - Impact of purchased feeds
  - What impact is the total diet having vs. output in milk
  - Methane production of the diet contributing to enteric fermentation
  - How many animals are on farm and what is their impact?  
(Through amount of feed and amount of enteric fermentation)
- 4** Determine what will give you the short, medium and long term paybacks in terms of profitability and carbon reduction using Trouw Nutrition's Carbon Reduction Program.
- 5** Review your long-term carbon reduction plan with people, planet and profit in mind:
  - What can you change today?
  - When will you see the rewards?
  - How to monitor every decision made on farm for impact on overall footprint yearly assessment

We can work in partnership with you to recommend the appropriate programmes and solutions to reduce carbon footprint.

Life stage	Calf 	Heifer 	Transition 	Milking cow 	Multiple lactations 
Key focus	Epigenetics	Development	Resilience	Productivity	Longevity
Trouw Nutrition programmes					
					
					

## Drive sustainability and profit with MyMilkPrint



**BEYOND NET ZERO**