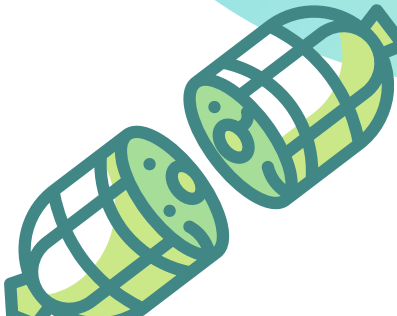
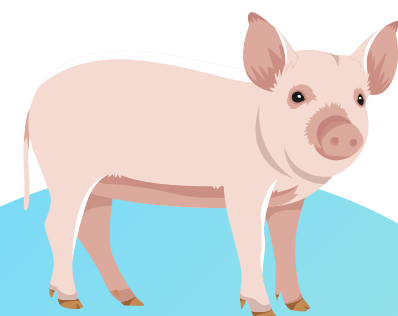


Feed-Manure Exchange

Towards Circularity in Vallei Varken's Supply Chain

VALLEI VARKEN'S CURRENT SYSTEM

The feed for Vallei Varken's pigs is currently sourced from major feed company Agrifirm. Vallei Varken produces 7000 cubic meters of manure per year. Annually, 6.000 cubic meters of manure is transported by Schoonhoven Mesttransport.



Based on Vallei Varken's existing feed and manure system, the first step towards reaching a more circular system is to establish a third ring that includes the integration of arable farmers and other stakeholders for a feed-manure exchange.

GOALS AND DESIRES

FEED-MANURE EXCHANGE

The new supply chain aims to involve arable farmers by exchanging feed for manure according to fixed contracts and a solid foundation of trust. This collaboration increases the use of waste streams, resulting in a more sustainable supply chain that focuses on regional cooperation.

Influencing Factors

- Pig manure quality
- Continuity and fear for financial stability
- Existing collaboration between arable and livestock farmers
- Acreage availability
- Lack of crop residues

Terms and Conditions

Trust & Loyalty
Financial benefits
High manure quality
Clear numbers

Recommendations

- Build a trust relationship with arable farmers
- Produce manure pellets
- Experiment with manure quality
- Analyse the financial benefits for the entire chain