”Targeted Bacterial Count Intervention”

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STØTTET AF
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Project aims and objectives

- Improve handling of bacterial count (bactoscan) at the farm level
- Prevent new bacterial count problems in dairy herds
- Identify which bacteria cause high bacterial counts
- Determine the sources of these bacteria (cow distribution)

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Project activities

- Preliminary study of up to 16 candidate herds
- Analysis of live bacteria from udder skin, individual milk samples, and bulk tank milk (from 3–5 herds)
- DNA analysis of the same samples, focusing on unculturable microorganisms and bacterial spread patterns
- Analysis of Cattle database data to explore links between somatic cell count and bacterial count at cow and herd level

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Deliverables

- Recommendations for identifying, managing, and preventing cow-related bacterial count
- General opportunities to improve:
  - Identify microbiology etiology
  - Develop a protocol for troubleshooting bacterial count from cows
  - Improve farm gate price for herds with challenges with increased bacterial count based on cow contribution

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