



Supporting automatic milking farms in Milk Recording

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Association of ProAgria Centres

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- [illegible]

Mission: We enable the world's cleanest and the most vibrant rural area in the future

Vision: We provide the best customer experience for business development ³

Our goals:

- 1 The most superior, value-adding partner for our clients
- 2 A sustainable profitable and effective
- 3 Actively developing the client's business as a whole
- 4 A trendsetter and respected organization

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Milk Recording in Finland

- 3755 herds in milk recording, 73 % of all herds
- 200 134 cows in milk recording, 80 % of all cows
- 1950 tied barns => 52 %
- 1132 robot herds => 30 %
- 662 parlours => 18 %
- 52 % of the milk recording's milk comes from robot herds..
- ..and the estimated amount by 2035 is 80 %
- Over 90 % of the farms are doing test milkings by themselves every 4 weeks and sampling in every 8 weeks

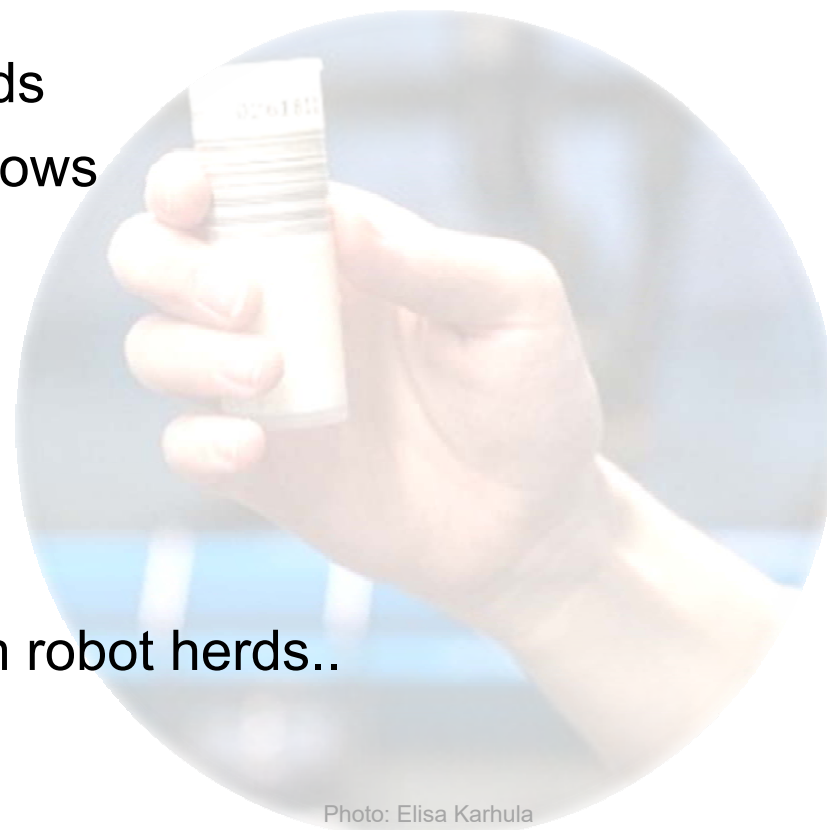


Photo: Elisa Karhula

Milk recording services provided to AMS-herds

1. Milk sampling service
2. Data transfer services and data handling
3. Customer service
4. AMS development program
– new service for AMS-herds



Milk sampling service options

1. Continuous basic service, sampling 1 x / month
 - Technician or / and farmer
 - Full service or partial
2. Temporary service when needed
3. Sampling support service – help desk
4. Rental of a sampling devices
5. Equipment maintenance service for samplers

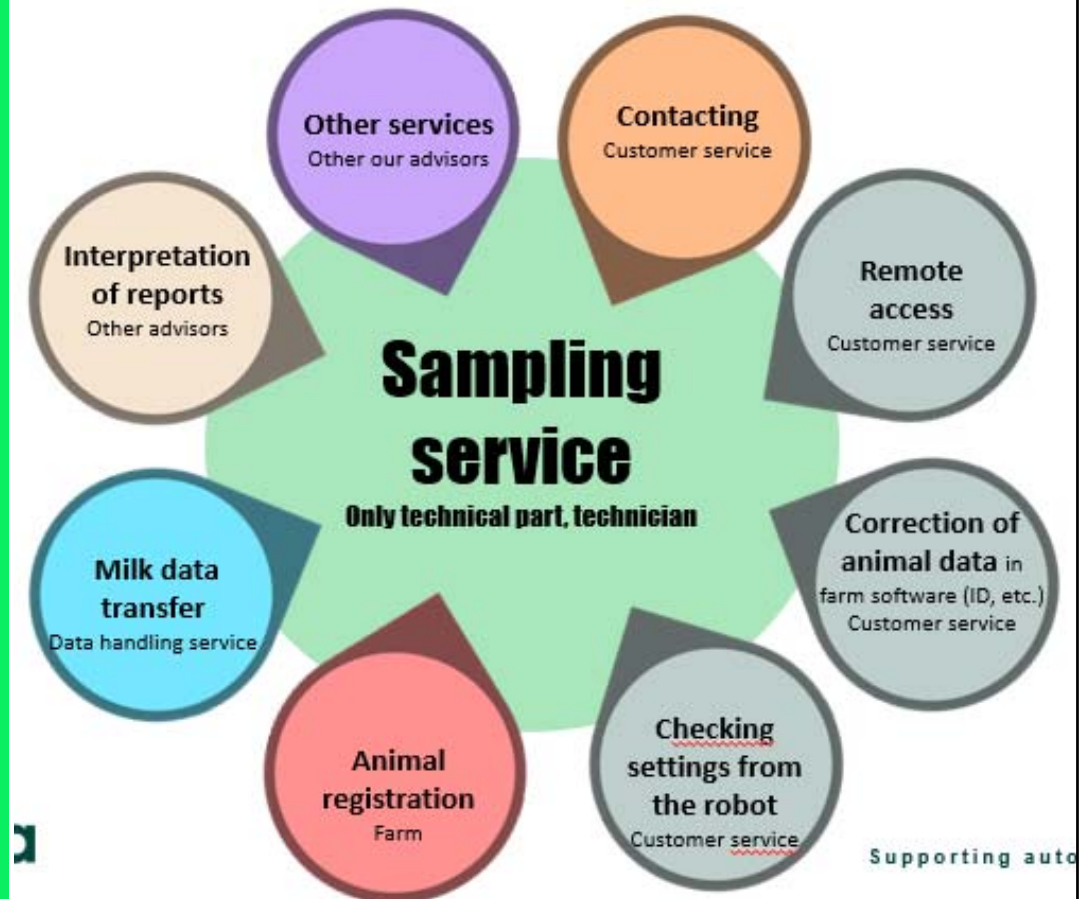


Data transfer services

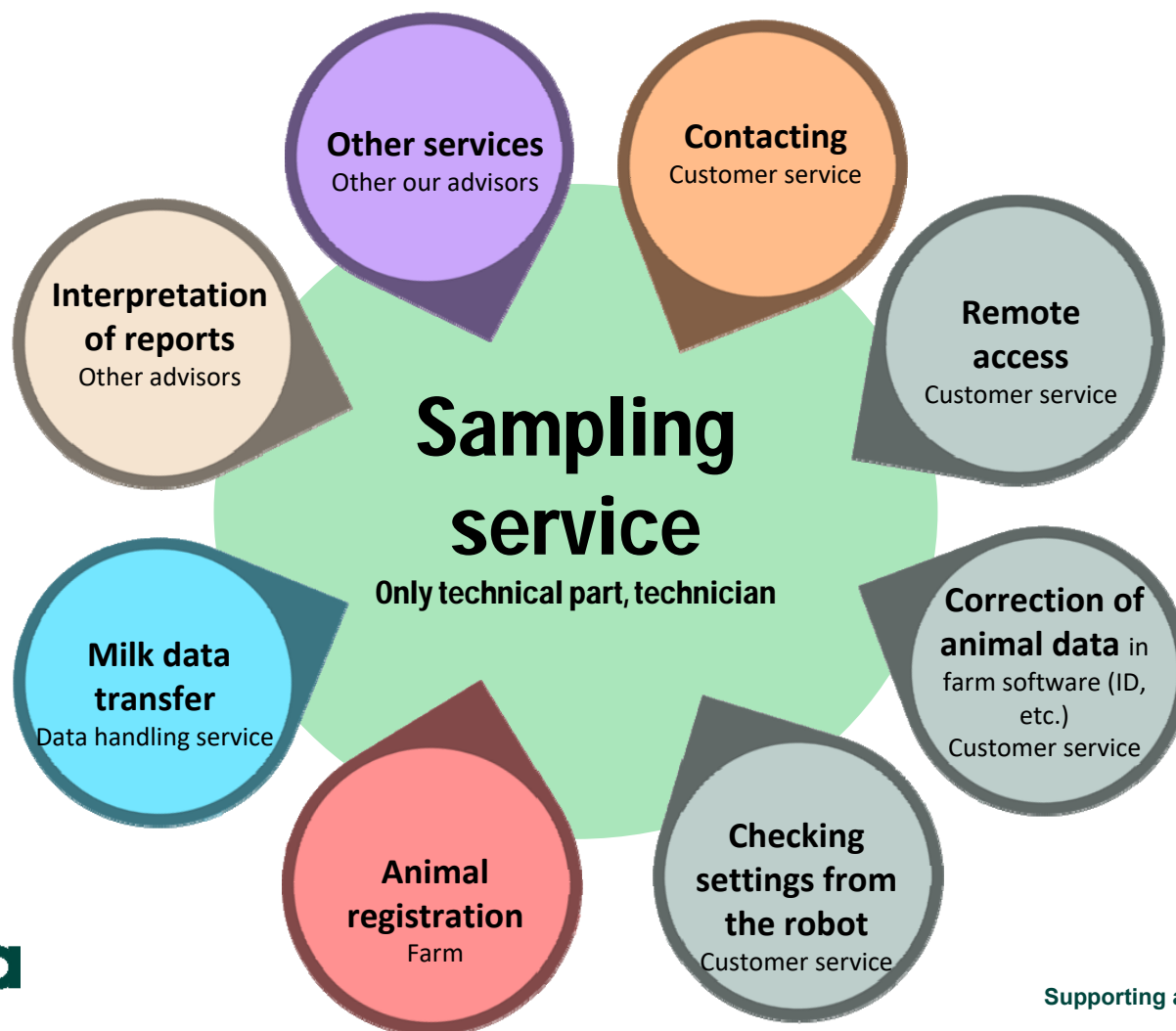
- The expert will take and save the milk data remotely from customer's robot
- Checks that all relevant information has sent
- Checks the reports and Data Quality Points

Customer service

- Helps in any questions about milk recording
- Looks after the customers
- Supports our other experts



Support for the technician's work



Data Quality Points

- Data Quality Points (DQP) after every test milking
- If data is missing or there are mistakes, DQPs will decrease
- This system has helped to reduce data recording delays and farms can monitor their officiality in milk recording monthly
- Customer service contacts the farms, who's DQP's are low

Koelypsypäivä	Tiedon laatupisteet		
01.05.2022	8	v	
Osa-alue	Pisteet	Peruste	Tavoite
Suorittaja	0	2	
Koelypsyväli, pv	0	33	<35
Koelypsyt 12 kk, kpl	0	12	>10
Näyteväli, pv	0	33	<35
Näytteet 12 kk, kpl	0	12	>10
Maitomittarien testaus, pv	0	691	<732
Tilakäyttö, l/lehmä/pv	0	0.8	0,1-1,5
Maitopoikkeama 4 kk	-2	105	96-104
Rasvapoikkeama 4 kk	0	0.1	-0,2-0,2

Test day	Data Quality Points		
1.5.2022	8		
Section	Points	Cause	Goal
Author	0	2	
Test interval, days	0	33	<35
Test milking 12 months, pcs	0	12	>10
Sample interval, date	0	33	<35
Samples 12 months, pcs	0	12	>10
Testing of milk meters, pv	0	691	<732
Farm milk, l / cow / day	0	0.8	0,1-1,5
Milk deviation 4 months	-2	105	96-104
Fat deviation 4 months	0	0.1	0,2-0,2

AMS development program

- The initial situation of the farm is mapped
- Couple development goals are set
- The implementation options are considered or calculated
- Proposals for solutions are presented
- Regular contact with the farm



With these different services we think we can help the AMS-farm's daily work and keep them involved in milk recording.

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