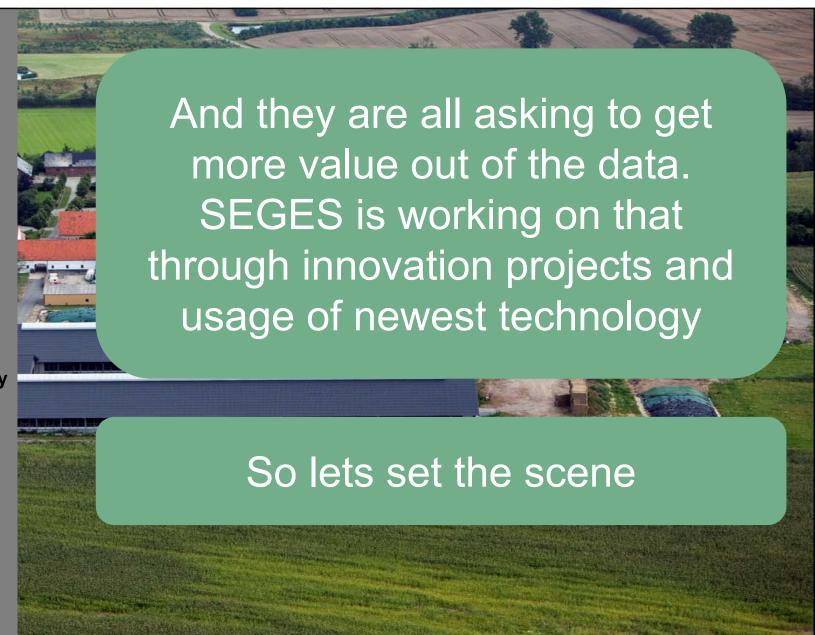




- Management system for
 - 2800 farms, mainly dairy
 - 200 advisors
 - 200 veterinarians
- •Central cattle database including the mandatory movement data to ministry
- •Exchange of cattle related data with stakeholders across the dairy business



External data E.g.

- Viking
- •NAV
- ·RYK
- Dairies
- Slaughterhouses
- ·Eurofins | Steins
- Veterinary practitioners
- ·Ear tag manufacturers
- Processing equipment
- milk, feed, activity, weights, etc.

SEGES LIVESTOCK DIGITAL / DMS



DMS



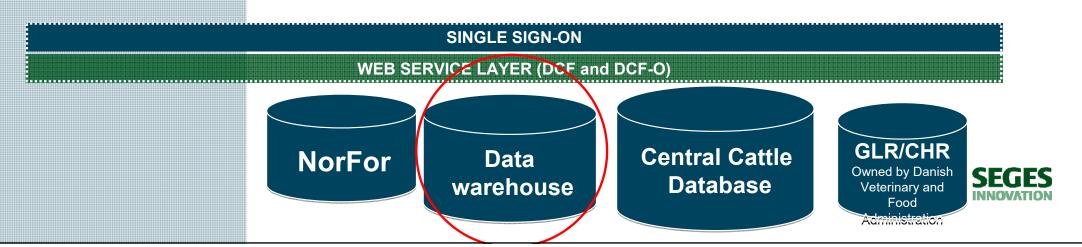


WebDyr Webdyr Plus



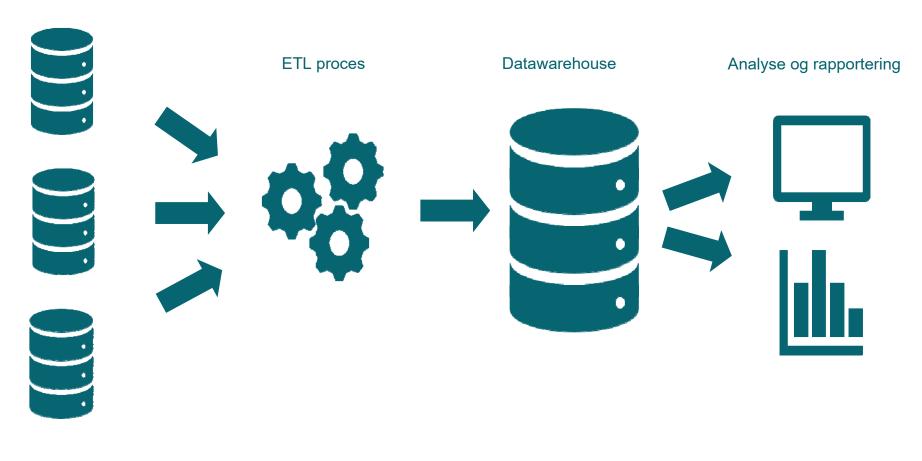
Claw registration





From raw data to advanced decision tools (Big Data)

Kildesystemer





DMS KPI

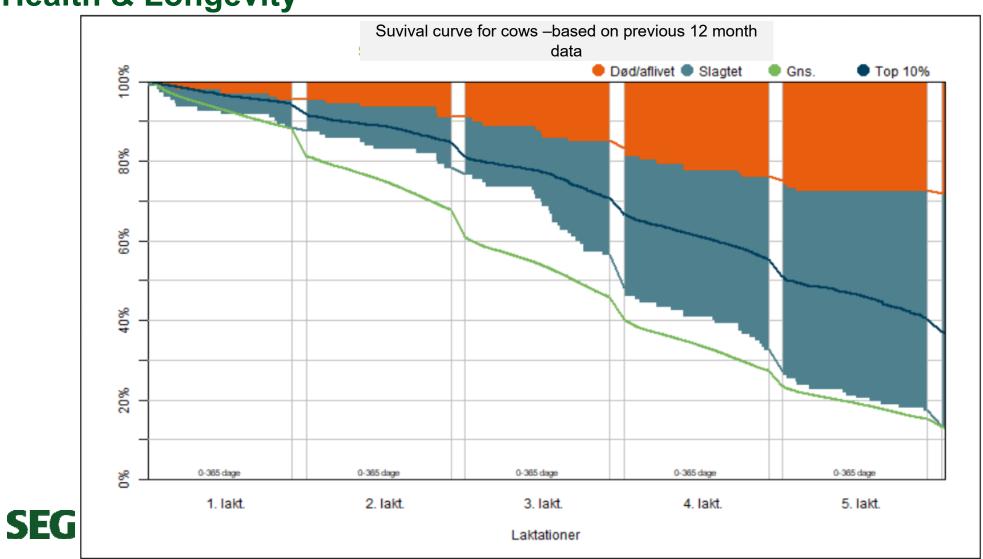
Daily update on milk production, reproduction, health and feeding. Giving an important overview.

Topic	Status	Key figure (unit)	Achieved	Alarm limit	Reporting period
Milk	0	ECM delivered (kg/day)	11,713	Min 10,942	Latest measurement
	0	Milk yield per lactating cows (kg ECM/day)	37.1	Min 35.1	Latest measurement
	•	Milk quality (numbers of deductions)	1		Last 7 days
Reproduction	0	Inseminations of cows (numbers)	14	Min 4	Last 7 days
	•	Inseminations of heifers (numbers)	1	Min 2	Last 7 days
	0	Not pregnancy examined cows (numbers)	0	Max 0	Last day
Health	0	Disease treatment, cows (numbers)	5	Max 5	Last 7 days
	0	Dead animals (numbers)	0	Max 0	Last 7 days
Feeding	0	Energy efficiency (%)	103	Min 93	Last feed control

Manage your production like you manage other business



Health & Longevity

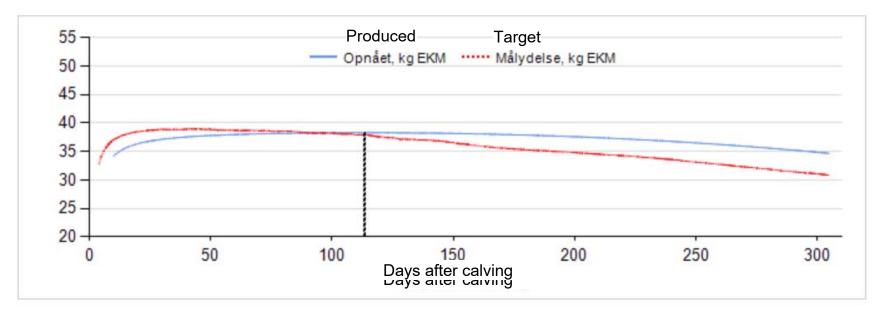


Ordinary herds / Organic herds

	10 % highest longevity	Average	10 % lowest longevity
Cost pr. kg ECM, EUR	0,321 / 0,404	0,328 / 0,44	0,344 / 0,461
Kg ECM pr. cow/ year	10.666 / 10.012	10.551/ 9.531	10.062 / 9.102
Price pr. kg ECM, EUR	0,355 / 0,455	0,352 / 0,451	0,348 / 0,451
Sold/slaughter income	3001 / 3.559	3.019 / 3.405	2.862 / 3.058

Source: SEGES, 967 ordinary herds, 180 organic herds

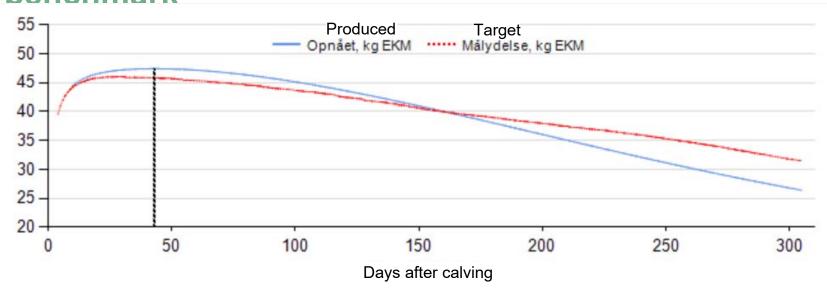
Laktation analysis, 1st calvers, curve form and benchmark



Nøgletal for "opnået" laktationskurve	Actual herd	25% lowest	25% highest	
Top yield, days after calving	113	81	144	
Top yield, kg ECM	38,3	29,3	32,9	
Top yield, 1st calvers of 3rd+ calvers, %	80	70	77	
305-days yield, 1st calvers of 3rd+ calvers,	% <u>9</u> 3	80	86	
Variation between cows, %	14,5	10,5	14,3	
Decrease form Top yield to 305D yield, %	9	6	12	



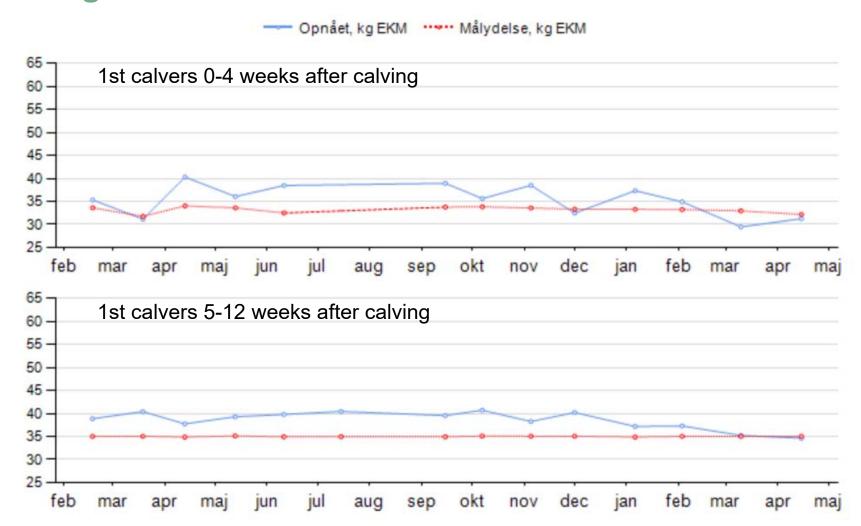
Lactation analysis, 2nd calvers, curve form and benchmark



Nøgletal for "opnået" laktationskurve	Actual herd	25% llowest	25% highest	
Top yield, days after calving	43	26	43	
Top yield, kg ECM	47,4	37,6	43,2	
Top yield, 2nd calvers of 3rd+ calvers, %	99	93	98	
305-days yield, 2nd calvers of 3rd+ calvers	, % 97	95	100	
Variation between cows, %	18,9	11,2	16,5	
Decrease form Top yield to 305D yield, %	44	26	34	

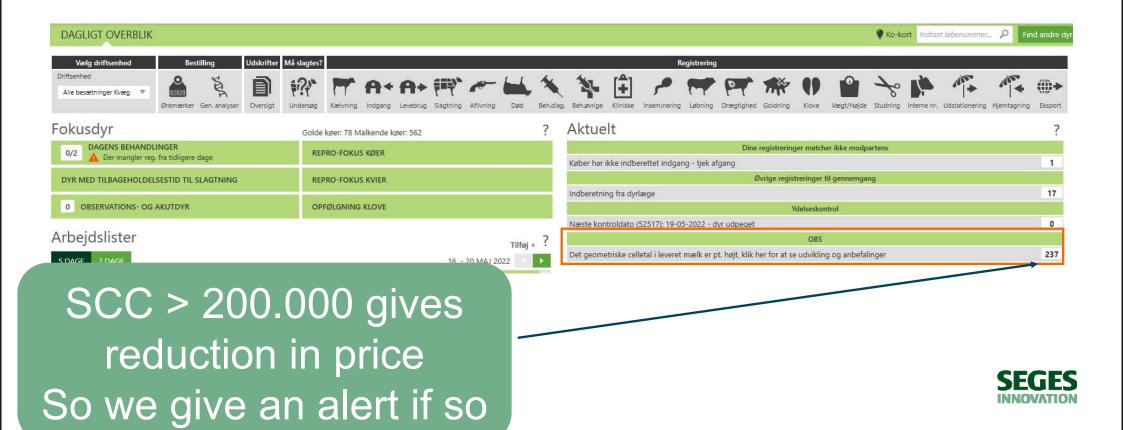


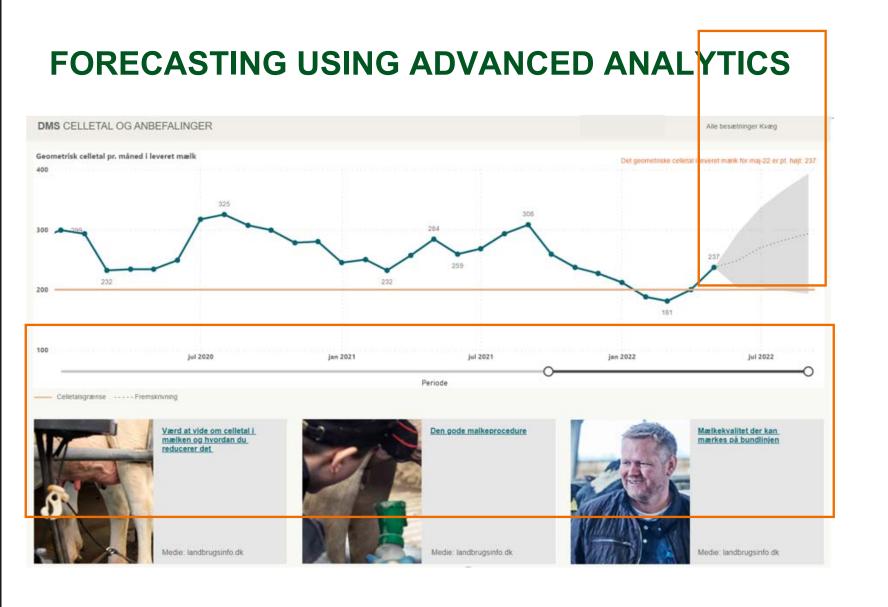
Changes over time





Attention to high Somatic Cell Count





Overview and analysis

Forecast

What can I do



Herd Performance Benchmarking

Benchmark your own sights (farms) against a group of other dairy farmers. All Danish Dairy farms are available

Select different comparison groups related to breed, herd size, milking system, organic/not organic, milk yield pr. cow. Benchmark on 12, 3 and 1 months basis

Benchmarking						
Key figure (unit)	Value	Value Ref Goal Compared to group		Compared to group	Rank	
Milk yield (kg ECM/year)	11.662	11.247	11.600	10.103 10.930 11.662	6/345	
Mortality, calves 1-180 days (%)	6,1	1,8		2.4 8,1	186/312	
Milking years pr. cow (years)	1,9	2,2	2,5	1,9	343/355	
Cell count (1.000)	154	164	200	157 224 154	74/365	



