

Herd Navigator

- a tool for the future

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Herd Navigator Q u e s t io n s o f in te re s t Is it possible to tell me when my cows are in heat Can anybody help me detect mastitis in time to act "in time" Is it possible to "see" if the digestion is "on track" Can we secure animal welfare Can we even provide "farmer welfare" Can we even provide "farmer welfare" A DeLaval dansk kvæg FOSS



YES!!

The answer is:

Herd Navigator

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What is Herd Navigator?

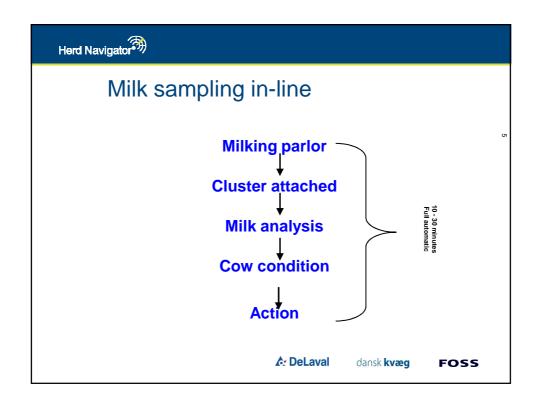
- ☐ Herd Navigator is a herd management tool for the professional dairy farmer
- □ Online measurement of four important parameters in milk
- ☐ It will assist the dairy farmer in taking preventive actions within the area of reproduction, udder health and feeding

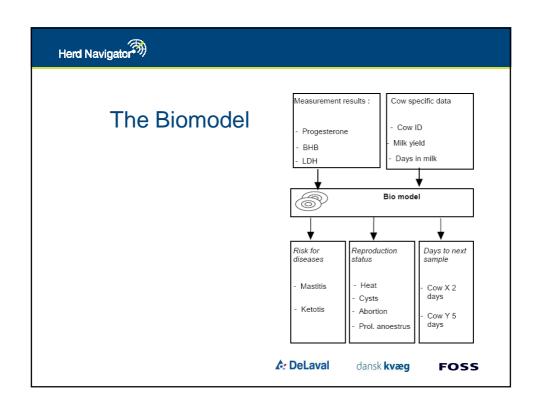


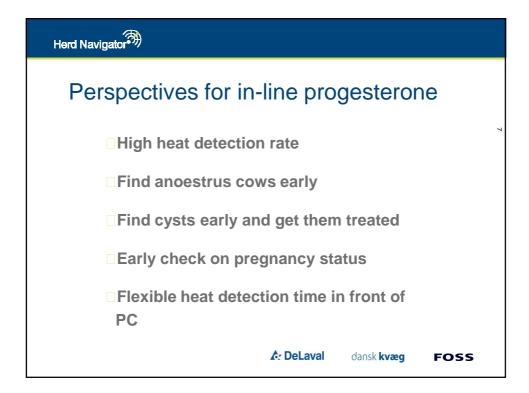
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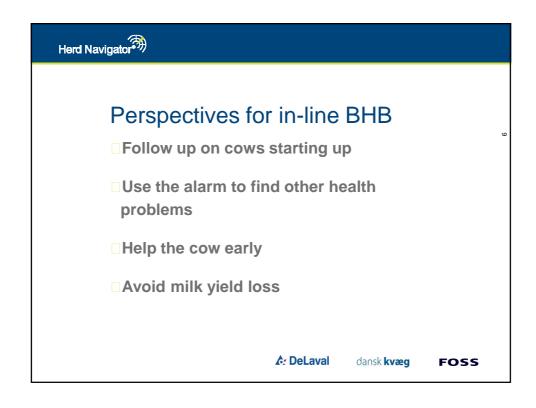
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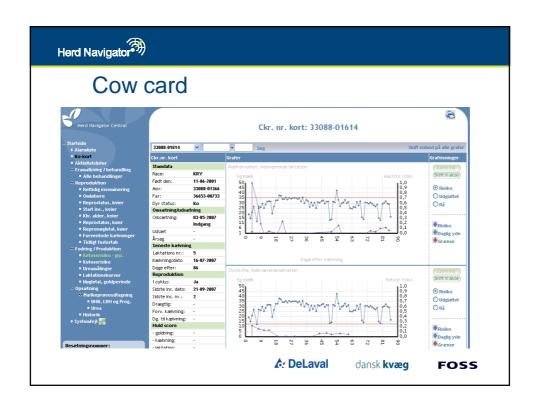


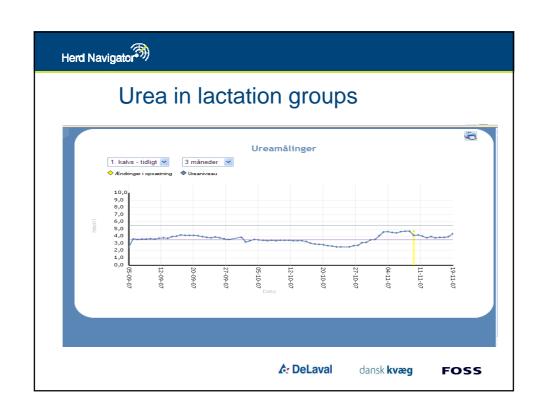


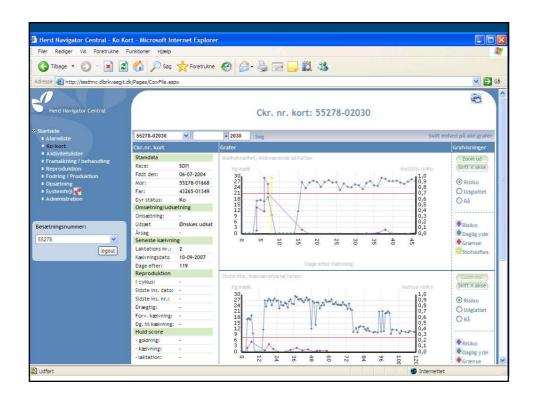


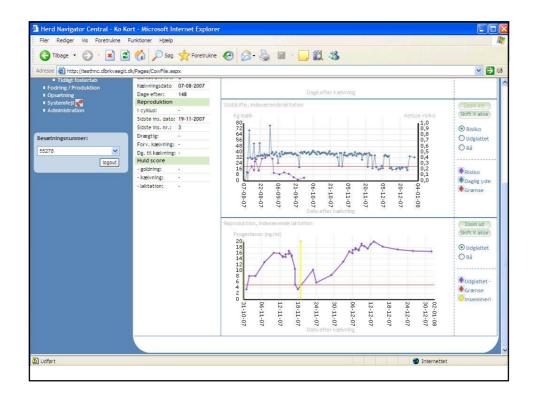


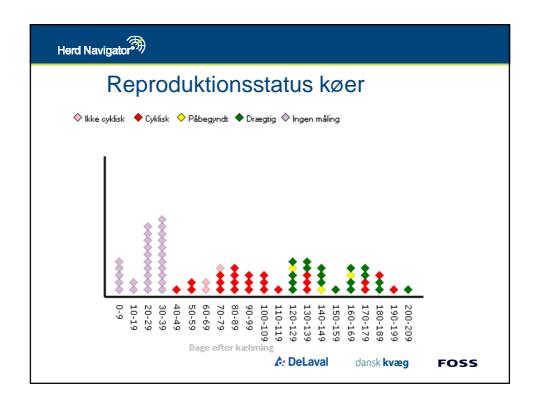


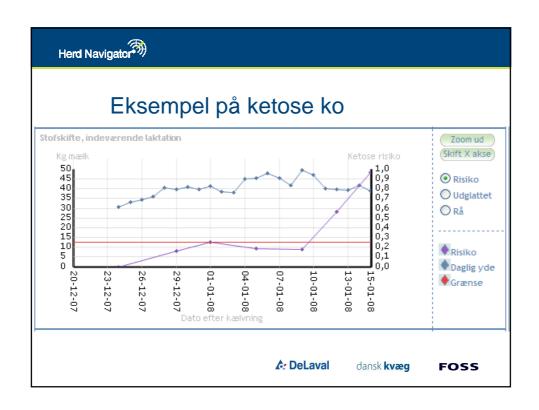


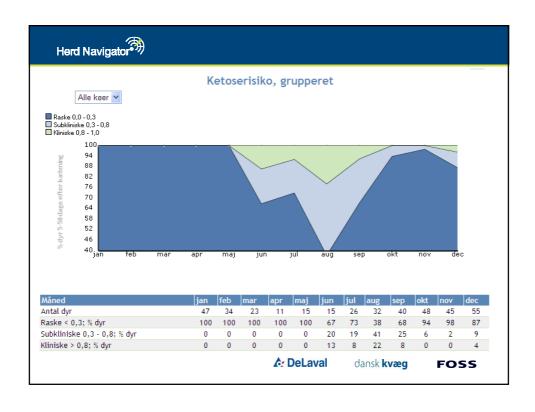


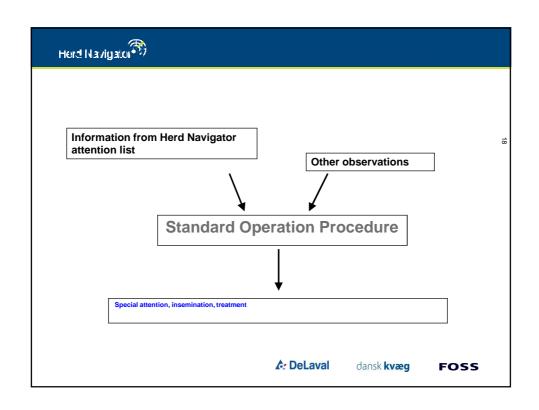


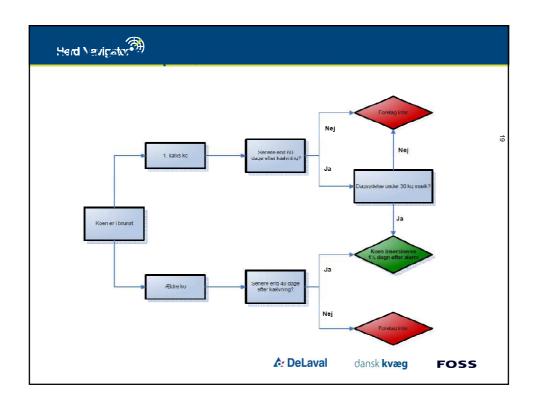


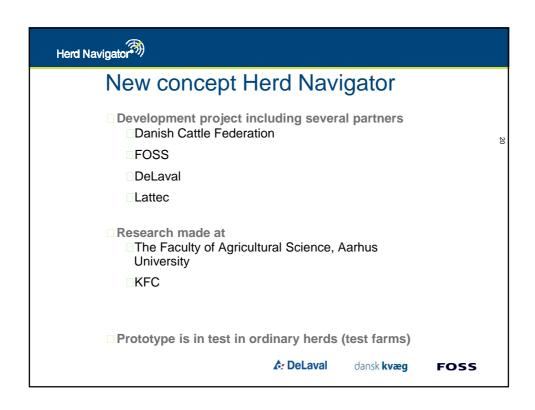


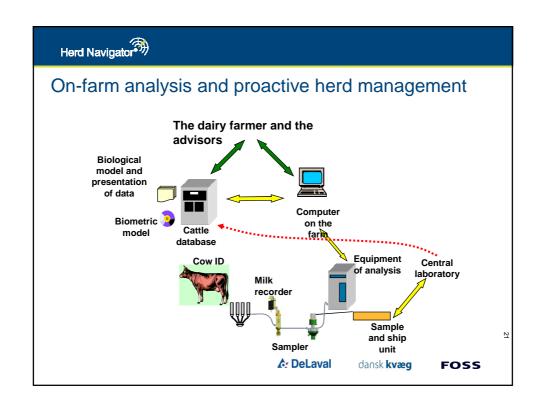


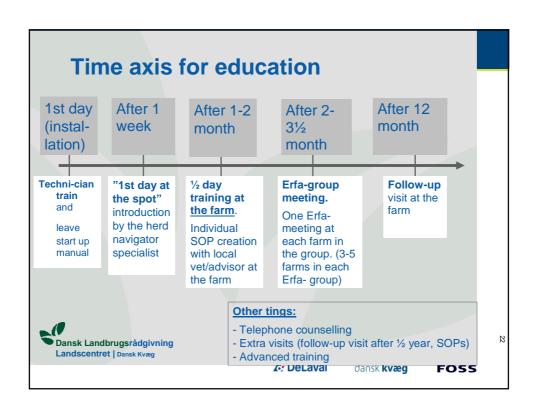
















PIP calculations

DKR. pr. cow pr. year

Testfarm	Ketosis benefit	Mastitis benefit	Other deseases	Reproduc- tion	Urea	Intangibles	Total benefit
1	256	1397	0	295	+?	+?	1948 + ?
2	104	439	66	294	+?	+?	903 +?
3	115	779	62	824	+?	+?	1780+?
4	232	633	69	506	+?	+?	1438+?
5	284	974	251	437	+?	+?	1944+?
6	206	350	0	313	+?	+?	867+?

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Reproduction

Expected goals are:

- □ Insemination rate (detected heats inseminated on), 85%
- ☐ Pregnancy rate (10% higher than now situation) except testfarm 5 raising (17 % in absolute value)
- ☐ Benefit (more heifers sold and higher milk yield)

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Ketosis

- □Treatment of mild cases of ketosis early gaining app. 500-700 DKR/case, because milk yield loss is avoided.
- □ Avoidance of 70 to 100% of clinical ketosis cases changing them to mild gaining app. 2,275 DKR/case

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- ☐ Severe cases are reduced to mild mastitis cases 30-50% reduction. Gaining app. 3,300 DKR/case
- ☐ Mild cases are reduced to 50% cost price, since early treatment eliminate other cost than treatment cost. Gaining app. 1,500 DKR/case
- □ Two farms did not expect any reduction in severe cases

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Perspectives for Herd Navigator

- Surveillance of more cows with less labour
- Act proactive to diseases
- Improve reproductive efficiency
- Keep healthy cows healthy
- •Reference farms in Sweden
- •Ready for 2*28
- •A generic solution others than DeLaval
- •Ready for VMS and AMS

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