


## Beef cattle webinar

**7 October 2021**  
**Danish/Swedish time 8.30 - 16.00**  
**Finnish time 9.30 - 17.00**

**NAV**  
Nordisk Avlsværdi Vurdering • Nordic Cattle Genetic Evaluation

1

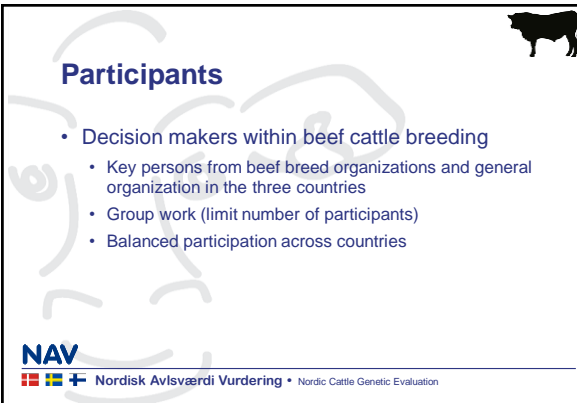


## Beef cattle webinar

- NAV wanted this meeting to be a physical workshop, but travel conditions made it impossible
- NAV hopes we together can have a fruitful and efficient online meeting
- NAV will in the future plan a physical workshop

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2

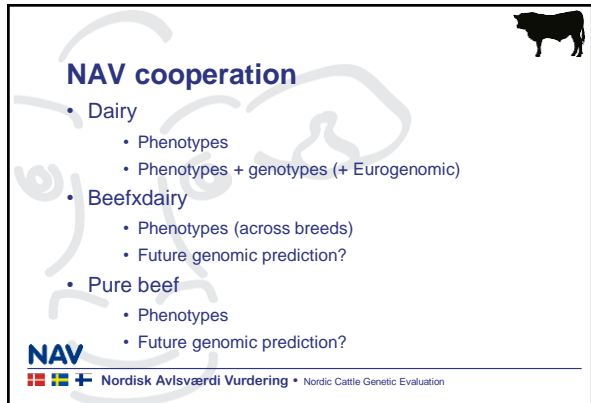


## Participants

- Decision makers within beef cattle breeding
  - Key persons from beef breed organizations and general organization in the three countries
- Group work (limit number of participants)
- Balanced participation across countries

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3



## NAV cooperation


- Dairy
  - Phenotypes
  - Phenotypes + genotypes (+ Eurogenomic)
- Beefxdairy
  - Phenotypes (across breeds)
  - Future genomic prediction?
- Pure beef
  - Phenotypes
  - Future genomic prediction?

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4

## Beef cattle webinar


- Today the three Nordic countries have different national genetic evaluation systems.
- Starting 2. November 2021 breeding values for beef cattle will be calculated joint Nordic and all single traits will be comparable.
- To maximize benefit of a joint Nordic evaluation for beef cattle it would be beneficial to agree on that not only EBVs for single traits are calculated jointly, but also the combined indices.

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5

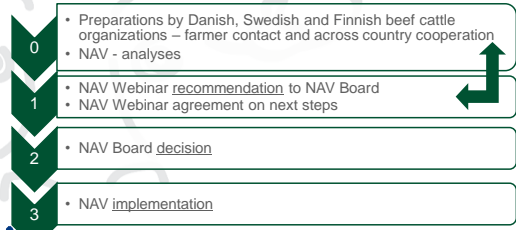
## Beef cattle webinar

- The aim of the webinar is to discuss possibilities and give recommendations for establishing joint Nordic combined EBVs.
- Please note that the Dairy cattle took the same journey from 2005-2008 and ended up with NTM


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6

## Process in relation to combined indices




- 0 • Preparations by Danish, Swedish and Finnish beef cattle organizations – farmer contact and across country cooperation  
• NAV - analyses
- 1 • NAV Webinar recommendation to NAV Board  
• NAV Webinar agreement on next steps
- 2 • NAV Board decision
- 3 • NAV implementation

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7

## Joint Nordic genetic evaluation of beef cattle

- First breeding value to be published 2. November 2021 for calving, growth and carcass traits
- Single and combined indices are today used differently in the 3 countries
- Important that same breeding values are published in all three countries to have a joint platform for cooperation – harmonisation is needed

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8

## Beef webinar 7 October 2021

Plenum

8:30-8:40 Welcome and introduction (Lars Inge Gunnarsson)

8:40-9:00 Joint Nordic EBVs for single traits for beef cattle (Elisenda Rius-Vilarrasa)

9:00-9:45 National reports: Traits and weighting in current national indices and suggestions for joint Nordic indices (Jukka Pösö, Freddy Fikse and Kevin Byskov)

9:45-10:00 Break

10:00-10:15 Introduction to groupwork (Anders Fogh)

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9

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10:00-10:15 Introduction to groupwork (Anders Fogh)

Within groups

10:15-11:15 1. Round of groupwork – discussion of direct growth/slaughter traits

11:15-11:45 2. Round of groupwork – discussion of maternal growth traits

11:45-12:30 Common lunch – still online and in groups

12:30-13:15 3. Round of groupwork – discussion of birth and calving traits

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10

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13:15-14:10 Reporting of groupwork and discussion

14:10-14:20 Next steps (Lars Inge Gunnarsson and Gert Pedersen Aamand)

14:20-14:35 Break

14:35-15:10 Publication of Nordic EBV's on NAV search page  
Thresholds (Elisenda Rius-Vilarrasa)  
How to use the search page (Terhi Vahlsten)

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11


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15:10-15:40 Future development in Nordic genetic evaluation for beef cattle, and state of art about genomic evaluation (Gert Pedersen Aamand)

15:40-16:00 Summary, evaluation, and closing

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12

## Webinar – practical information



- Please mute your microphone
- Please write questions in the chat
- Please note the same link is used through the whole meeting, even during group discussions

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