Next steps in the NTM process

Terhi Vahlsten, NAV communication

The NTM Update – A Shared Journey (2025–2028)

TODAY

PLANNING
12/2025–2/2026

LOOKING AHEAD
3–11/2026

TESTING and ADJUSTING
3–12/2027

FINAL DESTINATION
1–4/2028

One journey – several clear stops



NAV

Nordisk Avlsværdi Vurdering •

Second Stop: Looking Ahead

March – November 2026

- March 2026
  - Expectations for production conditions in 2038 defined
  - Based on NAV breed reports
    - National discussions within breeds
- April 2026 – NAV webinar
  - Future production conditions and trends
  - NAV starts collecting price data
- August 2026
  - First common draft of future production conditions and trends
    - Discussed nationally
- **November 2026 - Today**
  - Approval of future production conditions and trends
  - Calculation of economic weights starts

Third Stop: Testing and Adjusting



January 2027

- Status update: NAV Dairy workshop 2027

March 2027

- NAV webinar
  - First set of economic weights presented

March 2028: First set of economic weights presented

- **What are economic weights or values?** 🤔

Economic values

Economic values in a breeding goal represent the value of a one-unit change in a trait's performance on overall profit.

These values help determine how much emphasis should be placed on each trait in order to maximize genetic progress toward the desired breeding goal.

March 2028: First set of economic weights presented 🤔

- What does it mean in real life?



Weight factors	Nordic red breeds	Holstein	Jersey
Yield	1.02 / 0.93*	0.90 / 0.81*	0.83 / 0.75*
Growth	0.10	0.08	0.00
Fertility	0.36	0.36	0.26
Birth index	0.11	0.14	0.04

Correlations	Nordic red breeds	Holstein	Jersey
Yield	0.67	0.75	0.76
Growth	-0.00	0.10	-0.05
Fertility	0.24	0.26	0.08
Birth index	0.14	0.07	0.12

From economic values to genetic progress

Economic values

Based on:
- Biological assumptions
- Future production circumstances
- Prices and costs

Weight factors

First set is based **only** on economic values (= data and facts)
The final weights are based on economic values + politics

Correlations

Correlations between NTM and it's subtraits
Describe the genetic progress: Are we going in the right direction?
Calculated from genomic bulls born in certain years (eg. 2024-2025)

Third Stop: Testing and Adjusting



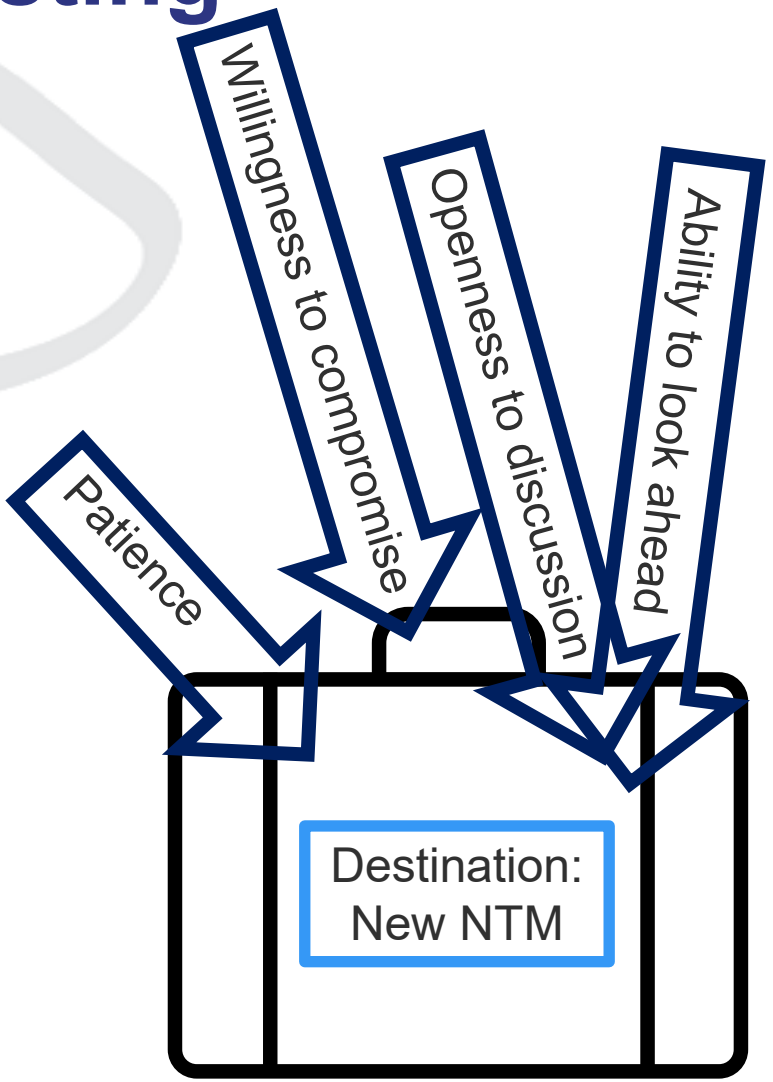
- **March 2027** – NAV webinar
  - First set of economic weights presented



- **April–May 2027**
  - First set of economic weights
    - Discussed nationally within breeds
    - Discussed Nordic within breed groups
      - **Important to collect inputs from these discussions to NAV**

Third Stop: Testing and Adjusting

- **September 2027** – NAV webinar
  - Results from requests in spring discussions
  - Requests for further analyses and sensitivity analyses
- **December 2027** – NAV webinar
  - Updated results presented (based on the September webinar)



Final Destination: New NTM in Use

- **January 2028** – NAV workshop
  - Decision on the new NTM

- **April 2028**
  - **New NTM used in breeding evaluations**




Enjoy the journey towards new NTM!
Have a Good Journey!