



How to keep AMS customers happy?
Milk Recording Workshop June 18. 2019,
Prague

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Key figures



Population: 5.2 million people

7.918 dairy herds

219.360 dairy cows

97 % of herds in animal recording

94 % of cows in animal recording

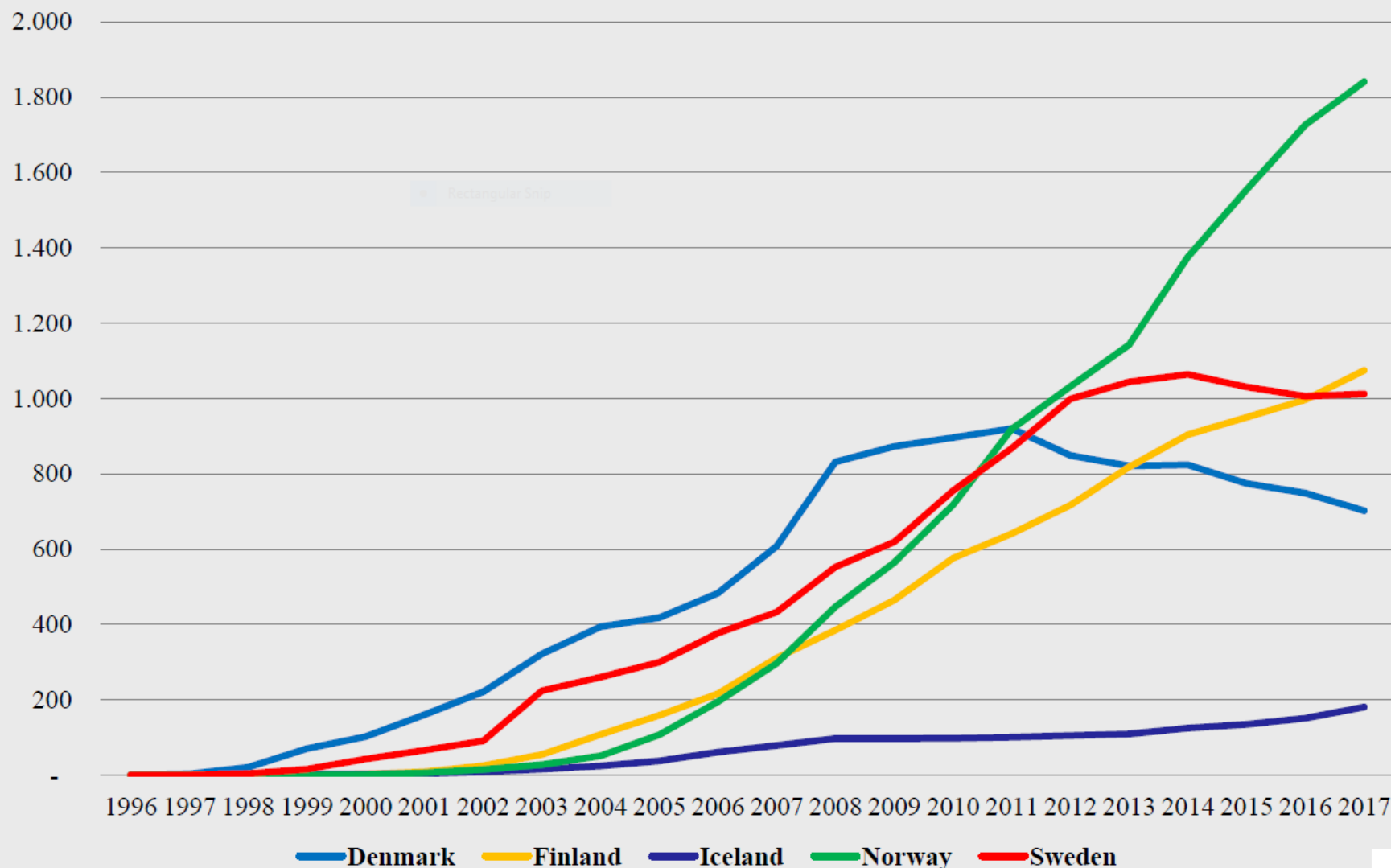
Mean herd size: 28 cows

Milkproduction/cow: 8.374 kg ECM

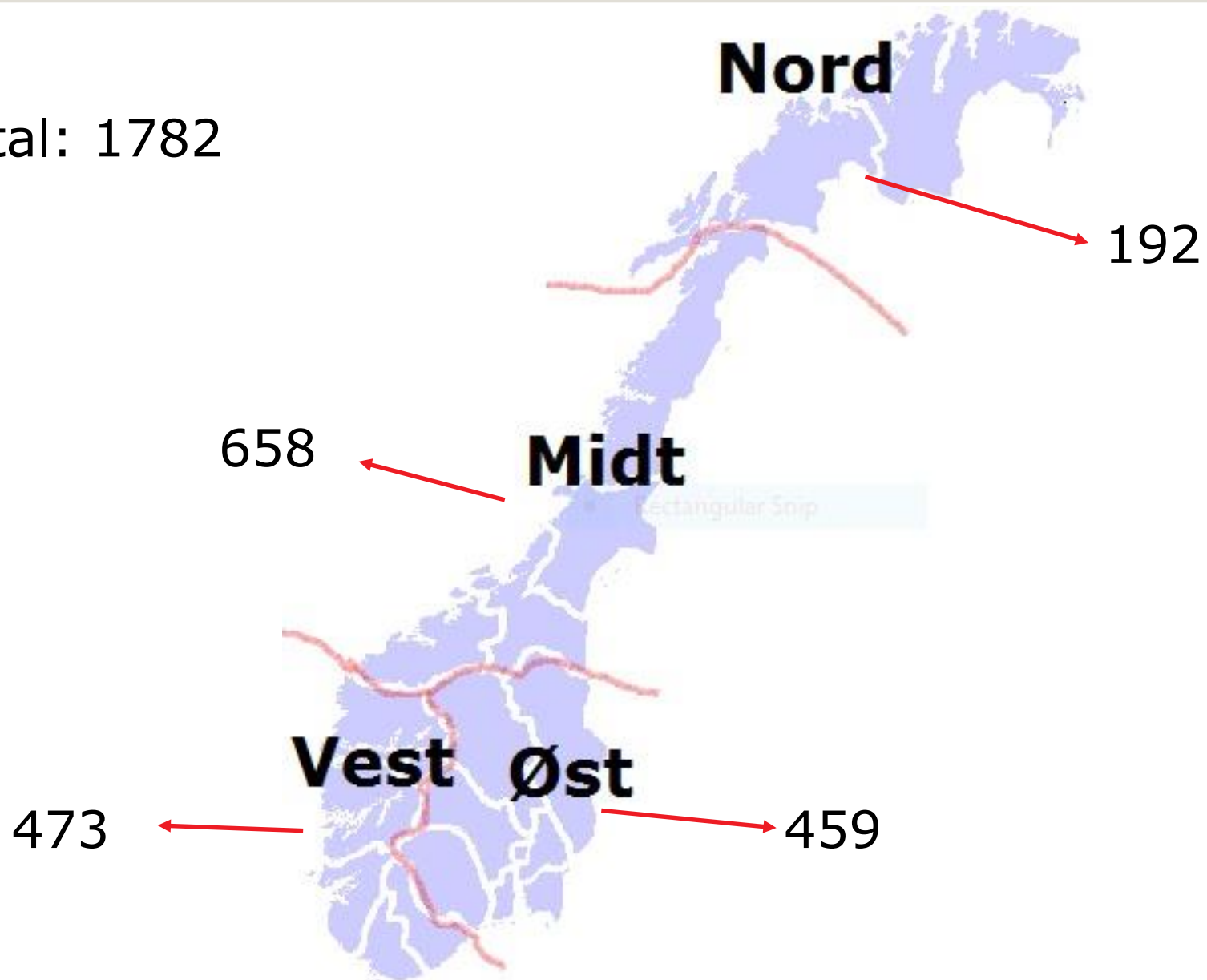
Main breed: Norwegian Red



Number of AMS farms within the Nordic countries



Total: 1782



The smallest AMS stall in Norway?



Timber barn, stall for 18 cows



Registrations



Milkproduction

- Mengde; kg melk
- Analyser
 - Fett
 - Protein
 - celletall

Calving

- Dato
- Laktasjonstype (mjølke, ammekue)
- Kalvingsvansker
- Kjønn
- Anvendelse /brukskode
- Hornanlegg
- Størrelse
- Misdannelser
- Kalvens nr
- Merka dato
- Kalvens navn

Reproduction

- Brunst
- Inseminering
- Drektighet

Feeding

- Fôrlag
- Mengde

Body condition Score

Health

- Sykdom og behandlinger



Claw

- Klauvskjæring
- Klauvsykdommer

Datasources



Dairyfarmers

- Mjølkeproduksjon
- Hendelser



Råvaretorget

- Meierileveranser
- Analyser leverandørmelk
- Kvote



Lab

- Melkeanalyser/HK-prøver
- Speneprøveanalyser
- PCR
- Smitte/sykdom



AMS, NCDX®

- Import
- Eksport



Advisors

- Mjølkeproduksjon
- Hendelser



Accounting/LD

- Regnskapsdata til Mjølkonomi



Feedingsystems

- Fôrlag / mengde



Slaughterhouses

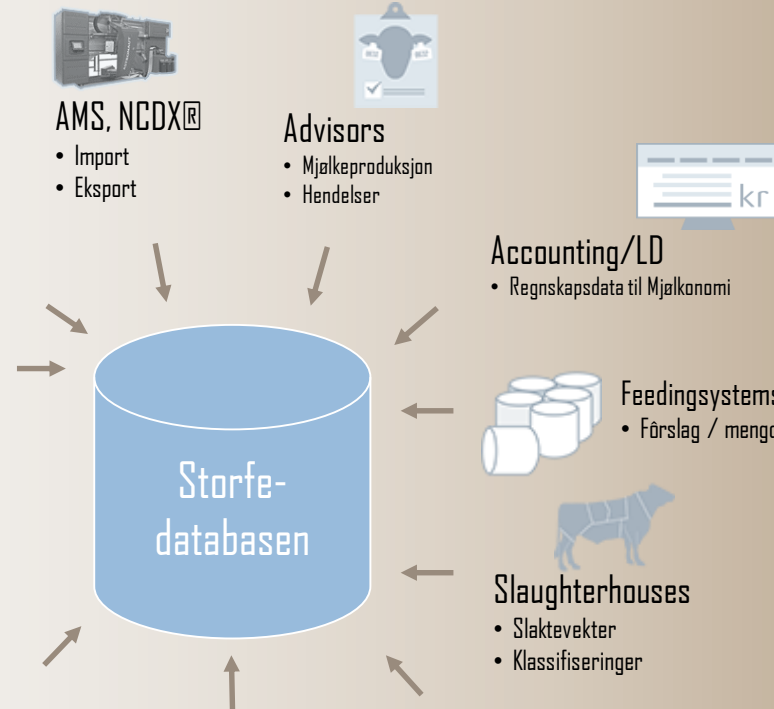
- Slaktevekter
- Klassifiseringer



- Avlsverdiveregninger
- Semindata
- Genomiske data



- Helseregistreringer
- Veterinærbehandlinger
- Klauvregistreringer



Application

Reports and statistics



EanaKu

- Styring og planlegging
- Rapporter og overvåking
- Produksjonskontroller

Recording meat

Breeding organizations

Documentation

- «Kanskje verdens fineste melk»
- Landsprognose melk
- Dyrevelferd
- Klima, bærekraft
- Fôr og beite



Authorities

- Overvåking
- Dokumentasjon



Climate/Sustainability

- Klimakalkulator



FoU

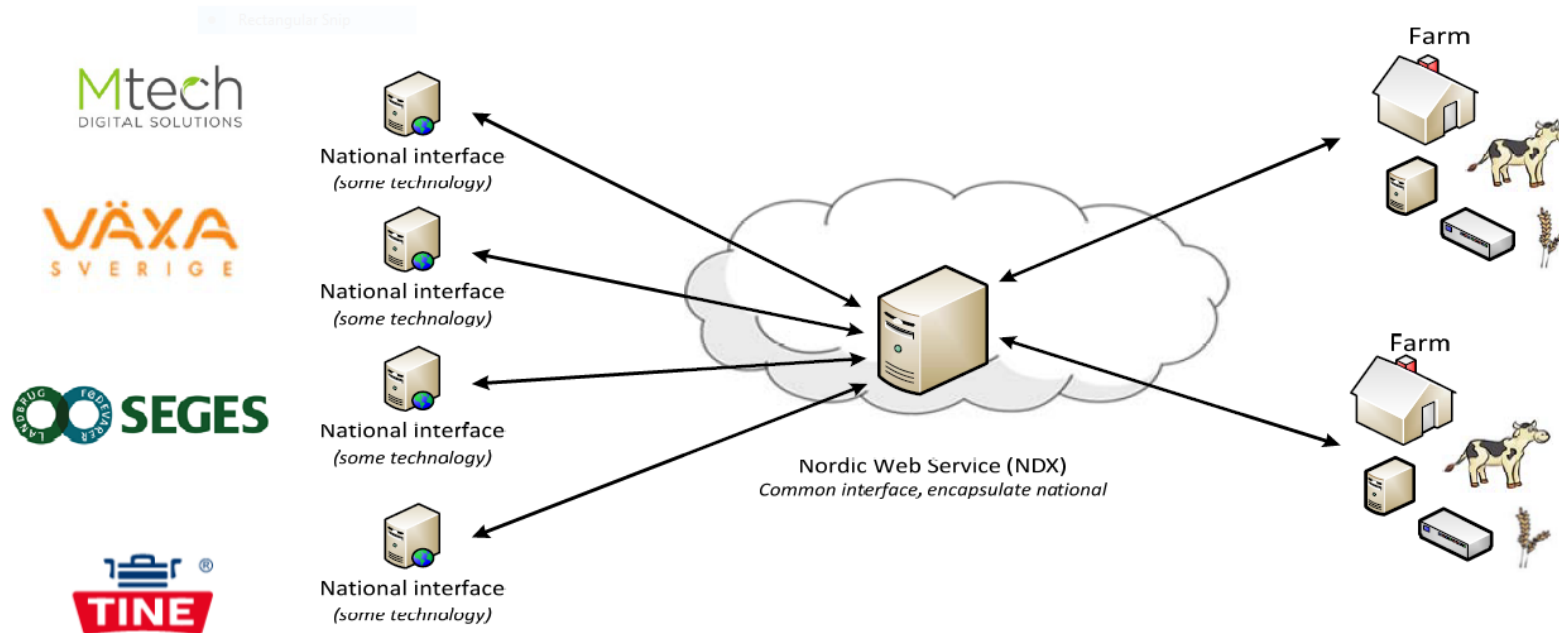
- Data til forskningsprosjekt



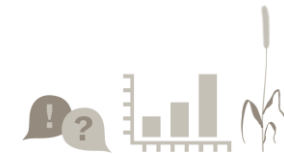
Landbrukets Dataflyt

- Dyrestatus

Nordic Cattle Data eXchange



Nordic CDX – version 1.0 main data content



- Cow lists and basic cow information
- Recording and milk analysis results
- Production related events, e.g.
 - Animal movements
 - Calving
 - Heat
 - Pregnancy check
 - Dry off
- Other types of information like code sets, service information etc.

Started august 2018
Lely
470 farmers (67%)

Next step:

- NCDX v. 2
- DeLaval
- More events



What about the samples?



- The farmers take the samples
- The farmers own the sampling equipment
- The samples are normally from one milking

TINEs advisory service has educated 19 specialists supporting the AMS farmers



LELY
innovators in agriculture

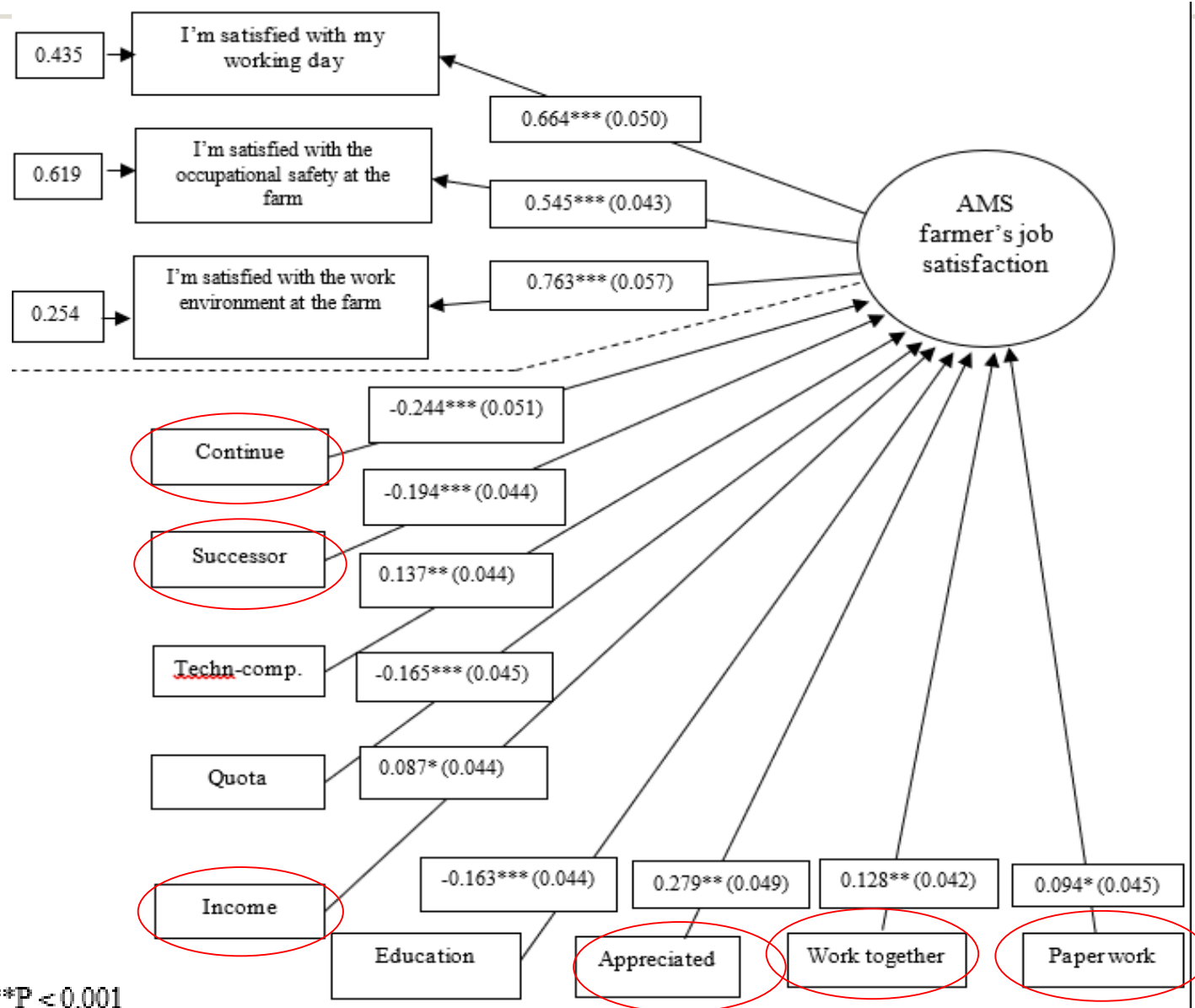




FoU project:
New approaches for management and breeding of dairy cows in AMS.

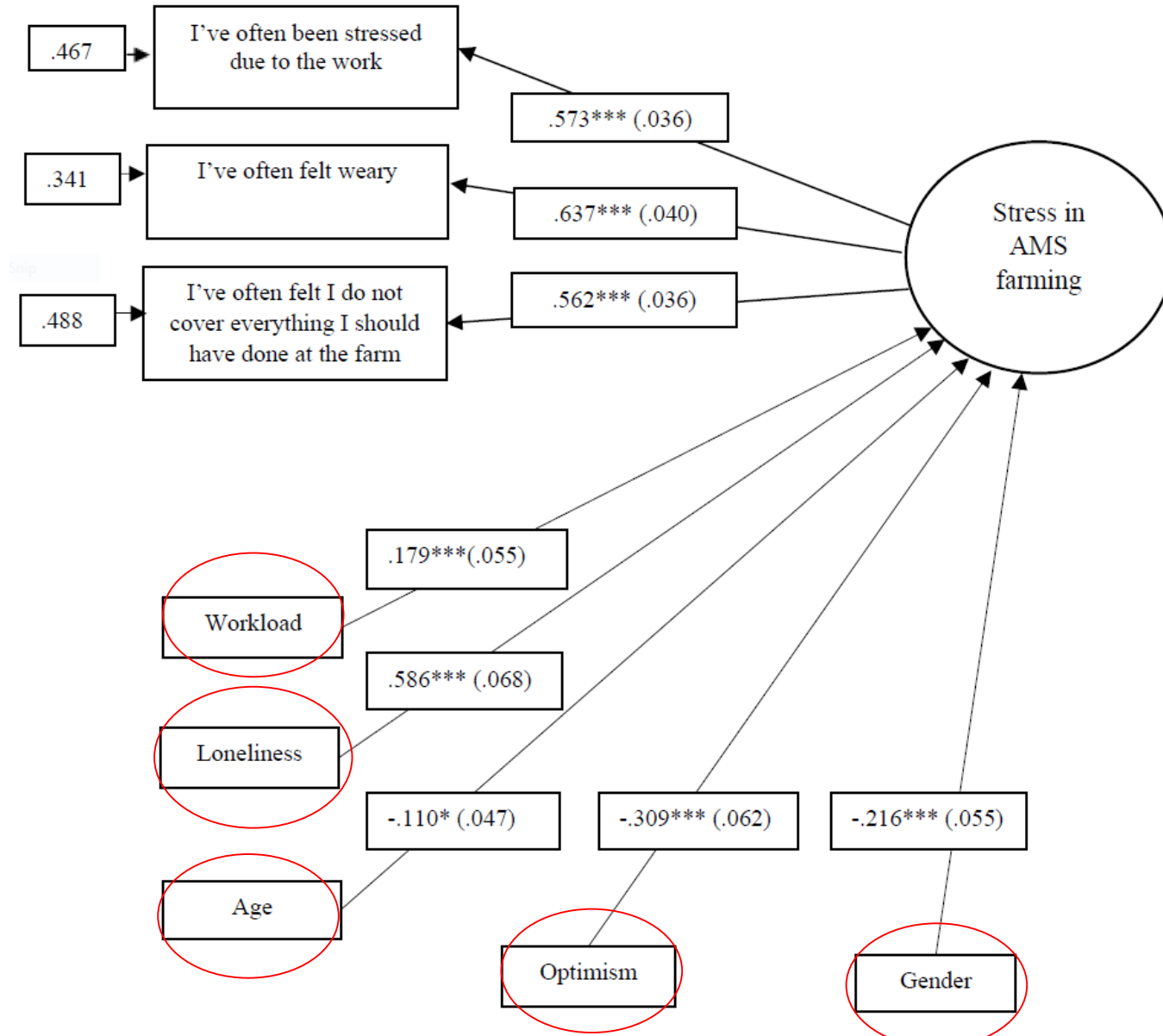
NMBU, TINE Geno, DeLaval, Norwegian Research Council

Bjørn Gunnar Hansen:
Dairy farmers' job satisfaction and the influence of automatic milking systems



* $P \leq 0.05$, ** $P \leq 0.01$, *** $P \leq 0.001$

What makes the AMS farmer happy?





Thank you for your
attention!