Kokontrollens rolle og betydning for fremtidens kvægbrug

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Me and my familiy

- **Gift med Lisa**
  - **Marcus (10)**
  - **Mathias(7)**
  - **Mads(3)**

- **2003 ph.d. in animal breeding**

- **2004 Bought 50% of Højgård**

- **2007 Bought the last part**

Milkrecording Højgård

- 1998   70 cows   6500 kg milk
- 2012 240 cows   11500 kg milk

- Recording is essential for improvements in:
  - Production
  - Management
  - Feeding
  - Health
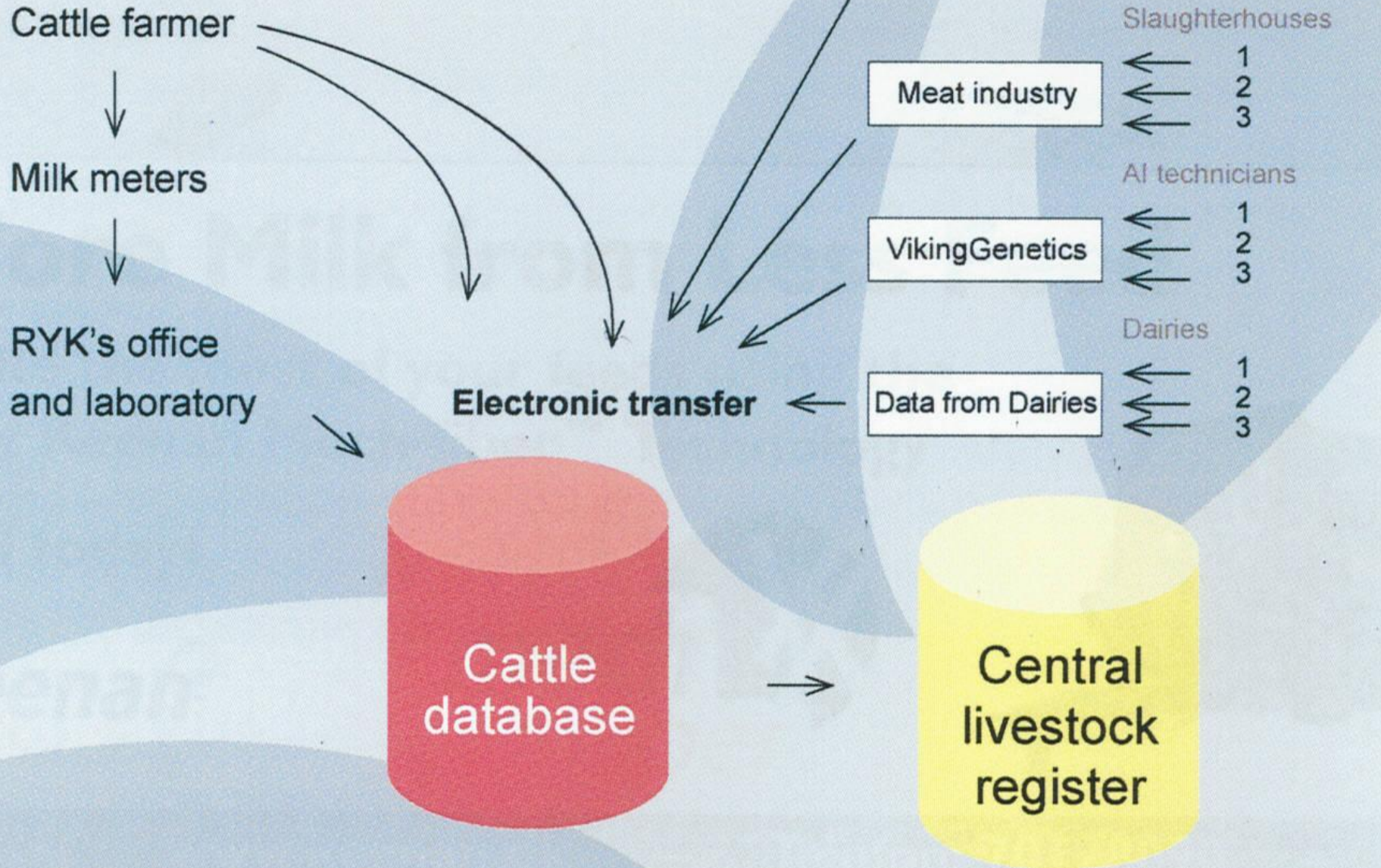 - Breeding
  - Economy

Milkrecording
An essential part of datacollection on the farm

- **Strong tradition**
- **>90% of herds in recording**

- **Visits (contact is good)**
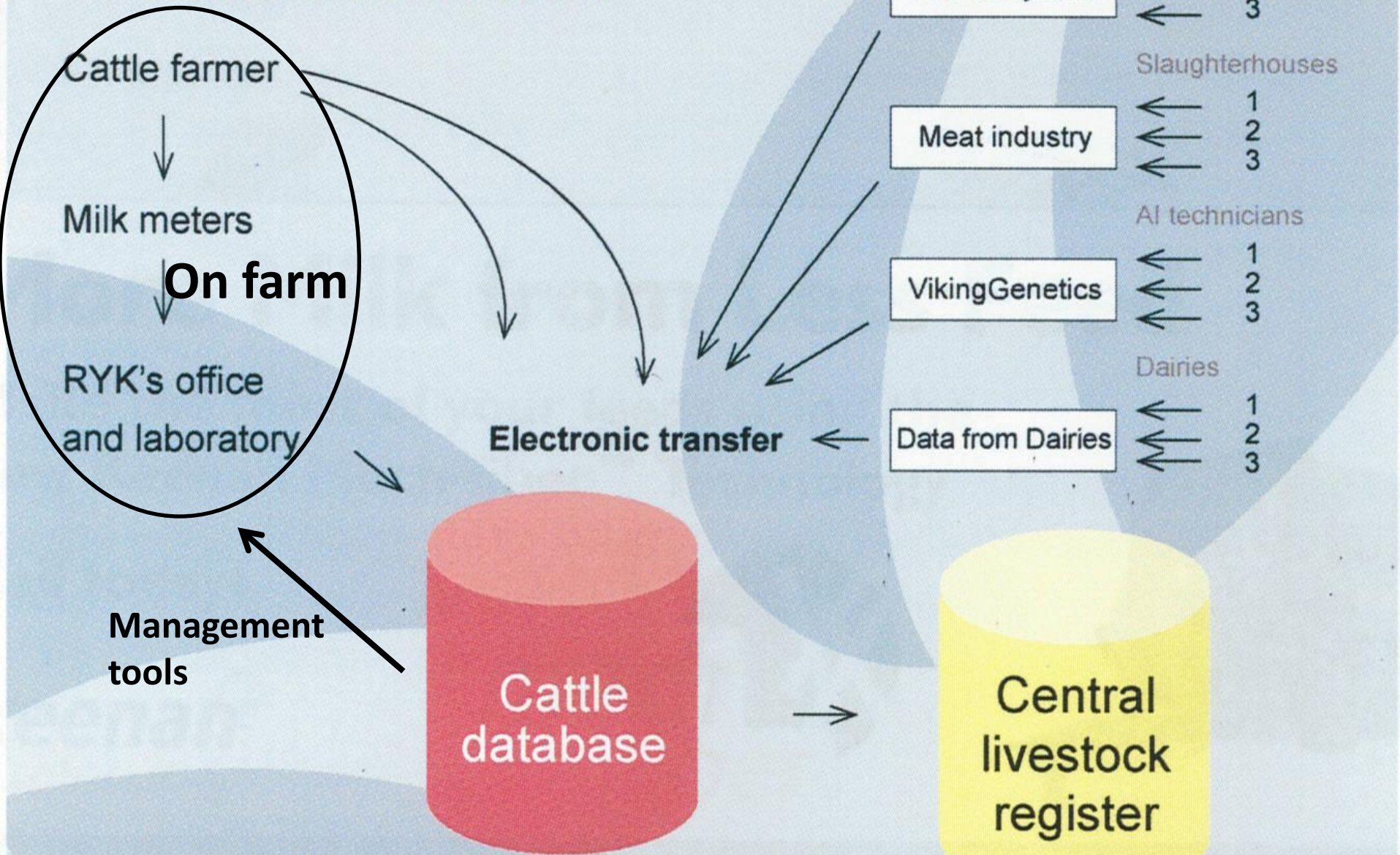
- **Benefit ?**
  Individual farmer
  Industri

Future flow ?

The cattle database

Cattle farmer

↓

Milk meters

On farm

↓

RYK's office
and laboratory

Management tools

Veterinary surgeons
1
2
3

Veterinary data

Slaughterhouses
1
2
3

Meat industry

AI technicians
1
2
3

VikingGenetics

Dairies
1
2
3

Data from Dairies

Electronic transfer

Cattle database

Central livestock register

Milkrecording today –
What is the gain when you have your own milk recording equipment?

- **Somatic cell count**

- **(Fat and protein %)**

- **Paratuberculosis and salmonella eradication**

- **PCR of mastitis patogens**
  - **Herd level (OK)**
  - **Cow level (100 kr pr test☹)**

Future needs - farm level (1)

- **Data collection MUST be EASY**

- **Time of owner/herdsman is a limiting factor in large herds**

- **What do I gain ???**

Future needs - farm level (2)

- **Tools to control Somatic cell score (Patogens? Treatment? Eradication of staf aurus?)**

- **Status of cows reproduction (progesteron others)**

- **"Health measurements" to point out cows in unbalance (ketosis, acidosis),**
  - *Improving feeding efficiency?*

Milk is not gold!
- need for simple and cheap solutions

Future needs - sector level (1)

- **Data going into database is crucial for:**

  – **Monitoring production and health**

  – **Development of management tools**

  – **Genetic progress - Accuracy of breeding values**

- **New developments is expensive -NEED for cooperation**

Future needs - sector level (2)

- **Many genomic tested animals (herds)**
  - **All data must be recorded**
  - **Search for new valuable traits**
  - **Mismatch is NOT accepted**

- **Dialog about data is important**
  - **We must inform about the value of recording**
  - **We must keep data in farmer org.**
  - **Some payment or benefits is needed**

Conclusion

- **Datarecording**
  - **Strong and good tradition**
  - **Must be easy**

- **Need for new developments**
  - **Farmers wants benefits from the recording**

- **We must secure farmers data and work for a cont´ dataflow into database**

- **Dialog is important**