



Animal Data Exchange Initiative

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Reminder

- ▶ **The scope of the working group is (too) wide**
- ▶ **Focused on data exchange with on farm equipment**
- ▶ **Priority for milking equipment**





Starting point

- ▶ **The conventional ICAR guideline is not enough to facilitate data exchange.**
- ▶ **The major issues is not to deliver a data dictionary**
- ▶ **The major issues are:**
 - ▶ Standardizing technical mapping
 - ▶ Reducing implementation costs
 - ▶ Recording organizations and manufacturers use it
 - ▶ Keeping the standard alive in a sustainable way





Meeting the requirements

- ▶ **Enlarge the standard**
- ▶ **Facilitate the implementation**
- ▶ **Starting the implementation with pilots with some manufacturers and recording organizations**
- ▶ **Close cooperation with the manufacturers**
- ▶ **An appropriate organisation**



The enlarged standard - ADE

- ▶ Part 1: interchange agreement
- ▶ Part 2: general architecture
- ▶ Part 3: message architecture
- ▶ **Part 4: data dictionary**
- ▶ Part 5: technical mapping
- ▶ Part 6: implementation procedure
- ▶ Part 7: applicable references



Facilitate the implementation

- ▶ **Web sites to get interface specifications which be processed by a computer**
- ▶ **Test plat form**



Starting pilot implementation

▶ **Two data flows:**

▶ Equipment to recording organizations: **milking result**

▶ Recording organizations to equipment: **animal data**

▶ **3 manufacturers: Delaval, Fullwood, Lely**

▶ **3 recording organizations, CRV**

(Netherlands), LKV Bayern (Germany), FGE / FCEL (France)

▶ **About 100 farmers**





Organization

ICAR Working group

Coordination group

Technical group

ICT Experts





Next steps

- ▶ **An organization to keep the standard alive**
- ▶ **Funding the organization in a sustainable way**
- ▶ **An enlarged version of standard by the end of 2014**
- ▶ **More farmers, more manufacturers and more recording organizations**
- ▶ **Preparing the 2015 release**



Thank you for your attention

