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## **Data quality for management purposes and genetic evaluation**

*F. Reinhardt*

The session consisted of only one presentation that was followed by an interactive questions, answers and comments session.

During the presentation a good overview was provided of the current purpose and situation in the animal data recording industry, and also a perspective was given of the possible future needs in terms of recorded data and the application of such data. It was postulated that the industry will probably move from a situation where 'the phenotype is king' to a scenario where 'he who owns and knows the data (phenotypes) is the real king'.

The future needs of a significant section of the role players in the industry are for higher quality data that will inevitably cost more and will have to be used more purposefully. A likely scenario could be that:

- 'Big data' with indifferent / undefined quality would probably only be used for on-farm management purposes; and
- 'Focused data' of high quality will be used in special ways for the genetic improvement of animal populations.

These circumstances will require special attention from ICAR, as an organisation, and from each individual member of ICAR, in many respects.

It was concluded that fully integrated data systems and applicable / modern communication technologies are essential components of successful animal recording in the future. Both phenotypes and genotypes will be important, for both management and breeding purposes, and new traits and unquestionable data quality will be critical components of a successful future scenario.

The presented material was discussed lively by the attendees, who mostly supported the ideas propagated in the presentation.