



Emerging Problems

Background

Identifying emerging problems is part of the Work Package 3, EURC working program. The aim is to identify potential emerging problems in Member States linked to the genetic evaluation of purebred breeding animals of the bovine species.

Work performed and achievements

Several emerging problems related to the breed societies and relevant to the genetic evaluation of the bovine species have been identified.

The list of identified emerging problems is as follows:

1. **Access of MACE results from third parties** → This is mainly for different organizations in the same country and in some cases same breeds and accessibility to the data. Breed societies are recognized by third parties and in some how they are involved in this process. Having more than one breeding program in one country for the same breed can affect both farmers and Interbull centre. It can also affect reliability and estimated breeding values (EBV) estimations.
2. **A cross-border collaborations** → The aim is to collaborate more internationally and involve more of breed societies. This activity is more focused on the smaller breeds.
3. **Interpretation of national/international (G)EBV evaluations' results** → To clarify Interbull/Interbeef value for breeding values and different services like MACE, GMACE, IG and beef evaluations compared to foreign countries
4. **Impact of foreign evaluation** → Farmers and often breed societies are not aware or fully understand the value of Interbull/Interbeef evaluations and prefer relying on breeding values based on other countries' scale or model.

Results and Impact

The aim is to continue this work by addressing potential contingency plans. The outcomes of this work will benefit breed societies and Member States are involved in the genetic evaluation of bovine species by improving understanding of breeding concepts and the benefits of international evaluations. In the longer term, this could





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also promote greater international collaboration and more involvement of breed societies.