Interbull Strategic Plan

Interbull Strategic Planning Workshop
Verona, Italy; 4-5 February 2016

Representatives: Interbull SC; Interbeef WG; ICAR Board; Scientific Advisory Committee; Interbull Centre

Strategy into Action

Summary of Interbull Strategic Plan 2016-2018

Input:
- Previous plans (2009 and 2013)
- Survey (January 2016)
- Planning Workshop (4 and 5 February 2016)
- "Mini-Task Forces" SC members working with Interbull Centre on putting 'strategy into action'.
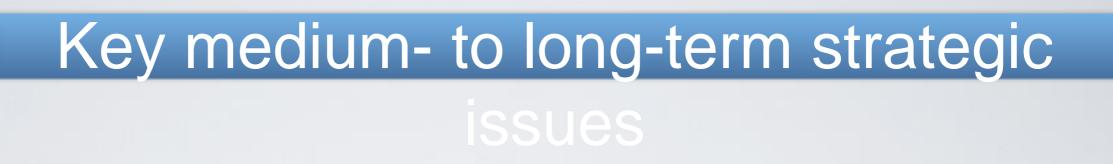
To be the <u>Worldwide Network</u> providing <u>Information Services</u> for the <u>Genetic Improvement of Livestock</u>.

Interbull Guiding Principles

Customer oriented
Accurate / Unbiased
Independent / Transparent
Integrity
Cost effective
Innovative/Leading Edge Services

Key medium- to long-term strategic issues

1. Opportunity/need for evaluation and validation of new phenotypes

2. Genomic based international evaluations

3. Maintain sound Interbull governance model

4. Provide excellent (current and new) services to current and new customers

Key short-term strategic issues

1. Improve Interbull governance model

2. Maintain MACE relevant

3. Establish a new R&D model supporting future developments

4. Identify and understand customer needs to add value to services

5. Implement new trait services

6. Develop a 'Data Hub' (genotype and phenotype)

Put into action trough 'mini-Task Forces'

MACE and Validation: How to keep MACE relevant/valuable

S. Mattalia, E. Santus and T. Roozen

Uses of MACE:

- To select confirmed bulls (less important than in the past)
- To validate GEBVs
- As input for international <u>and</u> national genomic evaluations.
  - →Even if <u>MACE is less visible than before, it is still an important tool.</u>
  - → Maintain relevance value of MACE is a key point

2 issues:

- Impact of Genomic pre-selection
- Interest in new traits and inclusion of female performances
  - Use MACE as it?
  - Extend MACE to females (→ proper method of de-regression)
  - Exchange female data directly (→ Interbull = hub?)

Short term actions:

- Keep MACE relevant:
  - Robust MACE
- New tools for validation
  - Truncated MACE
  - Mendelian Sampling Test

Middle/long term actions:

- New traits, female ref. pop.:
  - How to include females?
  - New traits: complex traits → Multi Trait MACE?
- Single Step:
  - How to deal with (G)EBVs computed with Single Step?

How to organise changes?

- A time schedule must be announced in advance for each change (+ formats, procedures..) to have time to prepare the work

- Take time to share experiences with national centers before implementations of changes having a big impact (dedicated sessions in open meeting or workshops)

- Research projects: encourage collaborations between countries