



MINUTES INTERBULL BUSINESS MEETINGS 2018

SATURDAY 10 FEBRUARY 2018; 13:30-15:30

SUNDAY 11 FEBRUARY 2018; 16:00-17:30

VENUE: AOTEA CENTRE, AUCKLAND, NEW ZEALAND

AGENDA

1. Opening
2. Adoption of agenda
3. Interbull Centre update (including finances and personnel)
4. Interbull Technical Committee report
5. Interbull Centre Activities
 - a. International R&D on feasibility study to combine SNP solutions across countries; "SNPMACE"
 - b. ICAR Parentage Analysis Accreditation of DNA Data Interpretation Centres
 - c. GenoEx-PSE
 - d. InterGenomics (Brown Swiss and Holstein)
 - e. Review of schedule for additional Test Run
 - f. "IDEA and ID Developments: Current and Future"
6. Interbeef working group report
7. The New EU Animal Breeding Law and Interbull Centre's role as the EU Reference Centre
8. Governance
 - a. Report on Interbull-ICAR Operations Task Force
 - b. Nominations of Steering Committee members
9. Calendar for future events
10. Other matters

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ALL BUSINESS MEETING PRESENTATIONS ARE AVAILABLE ON THE INTERBULL WEBSITE:

http://www.interbull.org/ib/bm_auckland_2018

MINUTES

Business Meetings – Interbull Annual Meeting in Auckland, NZ

Saturday 10 February 2018

1. Opening – Reinhard Reents

Reinhard Reents, Chairman of the Interbull Steering Committee, welcomed everybody to the 2018 Interbull Business Meeting. He acknowledged the support of ICAR and WCGALP.

2. Adoption of the agenda – Reinhard Reents

No other items suggested to be added

3. Interbull Centre update – Toine Roozen

Description and history of Interbull

I) Finances

As there had been less than 6 months since the previous Business meeting, Toine presented a short update rather than a full version of the finances; this included an updated budget for 2018.

4. ITC report – Gert

The following topics have been addressed by the ITC in its most recent meetings:

- **Robust MACE – validation**

Conclusion: Specific work on RMACE has been finalised, but does not provide the required/expected results and it has therefore been concluded that the project should be terminated, but that certain elements should be continued.

- **Genomic pre-selection**

There is still need for a better understanding of the effects of pre-selection on MACE: It is planned to make a simulation of the effect on MACE: work to be continued.

- **Genomic reliabilities**

Next steps have been decided: validation of the procedures, fine tuning, implementation

- **Mendelian sampling test**

Decision: The work has been finalised. Tests are being implemented by Interbull Service users; results will be discussed at the 2018 Interbull Technical Workshop in Dubrovnik.

5. Interbull Centre activities – presented by Toine Roozen

Toine Roozen provided a short update of Interbull Centre projects where ITC is involved (those mentioned above). This was followed by detailed reports addressing:

- a. International R&D on feasibility study to combine SNP solutions across countries; “SNPMace”
- b. ICAR Parentage Analysis Accreditation of DNA Data Interpretation Centres
- c. GenoEx-PSE
- d. InterGenomics (Brown Swiss and Holstein)
- e. Review of schedule for additional Test Run
- f. “IDEA and ID Developments: Current and Future”

a) International R&D on feasibility study to combine SNP solutions across countries; “SNPMace” - presented by Enrico Santos

Enrico Santos, Chair of the SNPMace Working Group, presented the members of the working group, gave a short background of the project followed by its benefits and challenges. He also addressed a few questions that had been raised previously and showed how SNPMace may increase the Interbull service portfolio – as an addition to currently provided services as MACE, GMACE, InterGenomics and Interbeef.

Next steps:

- SNP MACE projects will be discussed in detail during the Interbull Technical Workshop in Dubrovnik.
- The final report and recommendations will be presented at the Interbull Annual Meeting in June 2019.

During the following discussion, it was reiterated that SNPMace is not a replacement of other Interbull services but that the business model and how organisations can collaborate through SNPMace will need to be addressed during 2019.

b) ICAR Parentage Analysis Accreditation of DNA Data Interpretation Centres - Brian Van Doormaal

Brian Van Doormaal, Chair of the ICAR DNA Working Group, presented background, DNA related services and basics of SNP parentage analysis accreditation.

During the following discussion it was clarified that 200 SNPs is only a start and that it is the intention to move towards exchange of larger volumes, but one should also consider that many labs have only limited number of SNPs available.

The service, and choice of 200 SNPs, has taken had taken many breeds into account, and therefore would also be applicable to crossbred animals.

c) GenoEx – presented by Toine Roozen and Joanna Sendecká

Presentation of GenoEx-PSE principles, service users and the fees followed by practical usage presentation. Full details can be found on <https://genoex.org>

Sunday 11 February 2018

Opening by Reinhard Reents

Reinhard especially welcomed Jay Mattison, the ICAR president, and other ICAR Board members.

Continuation from the first Business Meeting:

d) InterGenomics BSW and HOL – presented by Hossein Jorjani

Hossein presented the latest status for InterGenomics BSW and HOL, listing actions taken to

date and recalling the results from last year's research.

Decisions:

- An IgHOL meeting will be held on Tuesday 13 February.
- New data call for a pilot run will in March/April 2018.
- New research evaluation in May/June with new genotypes.
- Results will be presented at the Interbull Technical Workshop, Dubrovnik, August 2018.

e) Review of schedule for additional Test Run - Valentina Palucci

Valentina Palucci presented the summary of the discussions that are ongoing to organize extra test runs at the Interbull Centre, in order to accommodate both the wishes/rules of countries and those of Interbull when introducing changes in national evaluations. These discussions also include a possible extra fee for not introducing the tested changes in the following routine run, and are on-going.

Discussion:

Brian Van Doormal suggested to split the proposal in two: add an extra fee for countries not introducing changes at the next routine run but maintain the 6 months' time for implementation.

Sophie Mattalia from France commented on the importance of making it clear to Interbull users that participation to a test run is not mandatory for GMACE. The only requirement to introduce changes to GMACE is to successfully pass the gebv test.

f) "IDEA and ID Developments: Current and Future" - Hossein Jorjani and Toine Roozen

Hossein presented the most common ID issues and the latest idea developments. The proposed suggestion from Interbull Centre is to add color references (such as red) into the IDEA module 'AnimInfo', keeping the breed in the international id linked to the main breed code, i.e. HOL.

Toine reported that the module to record genetic traits was completed in February 2017. Within WHFF discussion is ongoing on how to report and handle conflicts of information provided between two different countries, so the service has not started yet. Recommendation from the WHFF is expected after the board meeting on Monday.

6. Interbeef working group report by Andrew Cromie

Andrew Cromie, Chair of the Interbeef WG, provided an update of the latest Interbeef developments. He pointed out that Interbeef adopts a different approach to international evaluations in sharing of information than Dairy: raw phenotypes are shared with the Interbull Centre and used for international genetic evaluations. Currently the service is provided for 10 countries, 2 breeds and 4 traits. Research developments are provided by Ireland, Germany and Czech Republic, with the Interbull Centre providing resources for exchange of data, test runs and research coordination. Once the research results have been approved they get implemented at to the Interbull Centre.

Priorities for Interbeef:

- Develop a routine evaluation for fertility

- Include cross breeds
- Finalize research on carcass traits
- Include new breeds (e.g. Angus, Hereford)
- Involve ABRI/Breedplan in Australia as new member
- Blending of iEBV with nEBV
- Work on sharing genotype information via IDEA AnimInfo and GenoEx
- Review of the fee structure

Discussion:

Mike Coffey from United Kingdom pointed out the need for the service provision to grow faster in order to be able to sell the service to the industry. Andrew agreed and reported that Interbeef has got verbal support from the ICAR board.

7. The New EU Animal Breeding Law and Interbull Centre's role as the EU Reference Centre - Toine Roozen

Toine reported on the new EU Animal Breeding Law (2016/2012) and the status of European Reference Laboratory that Interbull Centre has held since 1996. The Centre will be the new Reference Centre from 1 November 2018 and therefore tasks will change accordingly.

8. Governance – Reinhard Reents

a) Report on Interbull-ICAR Operations Task Force

Reinhard Reents informed on the new Terms of Reference which has been reviewed and updated including now all the services offered by the Centre and it is currently under further streamlining by the Interbull-ICAR Operations Task Force.

A suggestion from the new ICAR president was presented to split the agreement in two parts keeping separate the regulations linked to ICAR board to the ones linked to the Interbull internal committees so to make future communication easier.

b) Nominations of Steering Committee members

Reinhard Reents presented the members of the Steering Committee with their starting and ending time for their mandate.

Sophie Mattalia will end her mandate this year and she has been proposed and nominated by the relevant Interbull Delegates for a new term to represent France and Wallonia. Her name will be presented to the ICAR Board with a request to appoint her for a new term.

In 2019, the terms for Gert Pedersen Aamand, Reinhard Reents and Marco Winters will end. Reinhard thanked all the members of the Steering Committee, Technical Committee, and Scientific Advisory Committee for their commitment and collaboration.

9. Calendar for future events - Toine Roozen

- Joint sessions with WCGALP during the next two days.

Additional meetings in 2018:

- Joint Symposium with ADSA in Knoxville on 27 June 2018
- Joint sessions with EAAP in Dubrovnik on 27 August 2018
- A Technical workshop will be organised on 25 and 26 August 2018; SNPMap development, Mendelian Sampling Test results and InterGenomics-Holstein will be discussed.

Future Annual Meetings

- The 2019 Interbull meeting will be held in conjunction with ADSA in Cincinnati, USA;
- The 2020 Interbull meeting will be held in conjunction with ICAR in Leeuwarden, The Netherlands;
- The 2021 Interbull meeting will be held in conjunction with EAAP in Davos, Switzerland.

Full details on the Interbull website: www.interbull.org/ib/publicationsandevents

10. Other matters

- Marco Winters commented on the many presentations during the Interbull open meeting referring to national research for novel traits and asked if the Interbull Centre has any plans for introducing new traits. Reinhard agreed that it would be a good idea to send out a survey assessing the availability of data and the interest from the countries and then potentially plan a workshop to assess opportunities.
- Brian van Doormaal raised a question in relation to the possibility of sharing more than 200 SNPs. Hossein pointed out that technically there is no problem, but the right agreements need to be put in place first.
- Raffaella Finocchiaro asked about the status of Truncated MACE. Hossein informed that Truncated MACE is still considered relevant and planned to be implemented, but this project needs to be further discussed with the Steering Committee.

• Closing

Reinhard Reents thanked all participants, and especially the speakers for the excellent papers submitted to the Interbull sessions, chairs and local organizers.

He pointed out that this year a record number of 400 people participated to the open meeting.

The meeting was closed at 17.10