STRATEGIC DEVELOPMENTS

- February 2016: Strategic Planning
- Need to create/enhance/maintain Services at Interbull Centre
- Involve wider Interbull Community
- Selection of projects by Interbull (Committees, Users, Centre)

- Ljubljana 2016; Case study:
- **Combining SNP solutions across countries** "SNP MACE" – Mike Goddard

Summary of Interbull Strategic Plan 2016-2018

SNP MACE

Summary

- The SNP MACE model is a good way to integrate foreign information into the national genomic models
- The SNP MACE model can become a part of ITBC's service portfolio

- Keep the current infra-structure of NGEC
  - Optimal conventional and genomic evaluations for own national data
  - No need for direct access to national genotypes and phenotypes data
- Impact of the bias by genomic pre-selection on bulls may be avoided
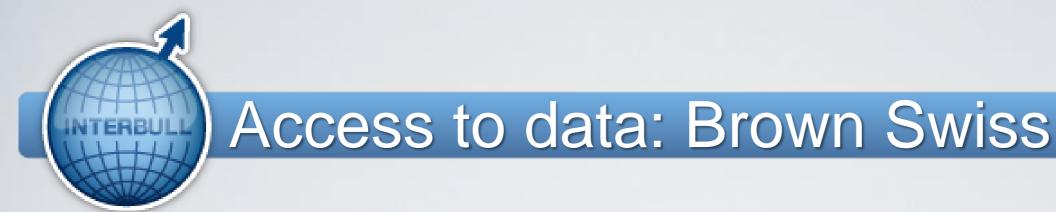- Particularly useful for new traits with large-scale genotyped cows

Access to data (Brown Swiss)

Personnel: Interbull Centre Staff

            105K AUS$ / per annum for consultancy

Interbull Centre Activities:

- Estimate rG, but A $\rightarrow$ G

- Perform a "national" genomic evaluation for the BSW countries without using foreign genotypes;

- LHS and RHS of equations for SNP effects: $\mathbf{Z'R^{-1}Z}$ and $\mathbf{Z'R^{-1}y}$

- Estimate LD

Access to data: Brown Swiss

BSW Data already present at Interbull Centre:

- For specific activity: Genomic Evaluations

- Available for SNPMACE?

Criteria:

1. Free use of results / software

2. Raw data to stay at Interbull Centre (no traceability to individual animals)

3. Regular Reporting

4. Acknowledgement of provision of resources