



Interbull Update

(MARCH 2016)



Interbull Centre Staff

- ❖ **Toine Roozen (Sept 2015)**

- ❖ Hossein Jorjani (service manager)

- ❖ Eva Hjerpe

- ❖ Valentina Palucci

- ❖ Carl Wasserman

- ❖ Petri Pennanen

- ❖ **Joanna Sendecká (Jan 2015)**

- ❖ **Haifa Benhajali (Mar 2015)**

- ❖ Sebastian Rosengren (student)

- ❖ Alex Badiée Sandgren (student)

- ❖ Renzo Bonifaci (exchange student)

Staff Departures

- ❖ Mohammad A. Nilforooshan (Sept 2015)

- ❖ Erling Strandberg



Interbull Centre

❖ EU Reference Lab

- Since 1996
- Renewed for 2016 and 2017



❖ ISO 9001:2008 certified

ISO 9001

BUREAU VERITAS
Certification





Portfolio of Interbull → traits

1995	Production											
1999	Production	Type										
2001	Production	Type	Udder health									
2004	Production	Type	Udder health	Longevity								
2005	Production	Type	Udder health	Longevity	Calving							
2007	Production	Type	Udder health	Longevity	Calving	Fertility						
2008	Production	Type	Udder health	Longevity	Calving	Fertility	Workability					
2010	Production	Type	Udder health	Longevity	Calving	Fertility	Workability	GEBV-test				
2011	Production	Type	Udder health	Longevity	Calving	Fertility	Workability	GEBV-test	Inter Genomics			
2014	Production	Type	Udder health	Longevity	Calving	Fertility	Workability	GEBV-test	Inter Genomics	GMACE		
2015	Production	Type	Udder health	Longevity	Calving	Fertility	Workability	GEBV-test	Inter Genomics	GMACE	Beef	



Populations in GMACE (April 2015)

Breed Group	Production (3)	Conformation (23)	Udder Health (2)	Longevity (1)	Calving (4)	Female Fertility (5)	Workability (2)	TOTAL (40)
Holstein	11	11	10	8	6	9	6	61



Populations in MACE (April 2015)

Breed Group	Production (3)	Conformation (23)	Udder Health (2)	Longevity (1)	Calving (4)	Female Fertility (5)	Workability (2)	TOTAL (40)	Number of publishable proofs (production)
Brown Swiss	11	9	10	10	5	9	6	60	10 242
Guernsey	6	4	6	6	0	6	0	28	1 079
Holstein	31	24	29	20	15	19	10	148	139 799
Jersey	11	9	8	9	0	5	5	47	11 479
Red Dairy Cattle	14	9	13	10	7	11	6	70	14 800
Simmental	12	0	11	5	0	0	0	28	28 823
TOTAL	85	55	77	60	27	50	27	381	206 222



International Genotype Exchange Platform

- ❖ Infrastructure at Interbull Centre
- ❖ BC|SNPmax, by Biocomputing Platforms:
 1. Parentage SNP Exchange (PSE)
 2. Genomic Data Exchange (GDE)
 3. Customised Genomic Repository (CGR)





STRATEGIC PLANNING



Strategic planning





Strategic Plan

- ❖ The outputs of the meeting will be documented in a draft Interbull Strategic Plan, which will be circulated for consultation amongst Interbull Service Users during 2016.
- ❖ The final plan will be presented during the Interbull Business Meeting on 24 October 2016 in Puerto Varas, Chile.



Vision/Mission

Interbull: The worldwide network providing genetic information services for improvement of livestock.

- ❖ Developed in 2009. Did not change in 2013.



Strategy planning

- ❖ Interbull vision

- Alignment with ICAR's vision

- ❖ Mission

- Interbull's role under the ICAR umbrella

- ❖ **S**trengths, **W**eaknesses, **O**pportunities, **T**hreats

- ❖ Key strategic areas

- specific focus on 'strategy into action' during 2016 and 2017.



2. Guiding Principles.

❖ Our fundamental, norms & values.

Ranking	Guiding Principles
1	Customer oriented
2	Accurate / Unbiased
3	Independent / Impartial
4	Transparent
5	Cost effective

Strategy Headlines

Group 1 (+ ALC)

- Hans ① Governance ✓✓✓
→ GenoEx ✓✓✓
- ② "Data Hub" (G+P)
- Brian ③ (Improving) Robust MACE ✓✓✓
- Mace ④ R&D Model ✓✓✓
[case: Share SNP Effects]
- ⑤ New Traits ✓✓✓
 - ↳ Harmonization
 - ↳ ICAR WG
- Dan ⑥ Understand Customer needs (New + Existing) ✓✓✓
 - ↳ Identify Added Value
- ⑦ Reliable service — Given ✓✓
- ⑧ Validation
- ⑨ ITB Staff development ✓✓

❖ ICAR/Dairy/Beef

❖ MACE and Validation

❖ Customer service orientation and new traits

❖ SNP-based International evaluations