One Year with GMACE
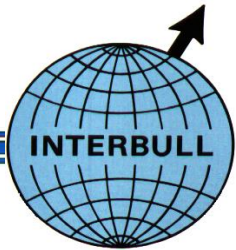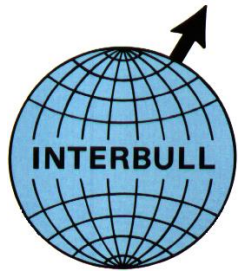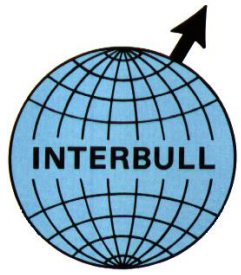
M. A. Nilforooshan, E. Hjerpe, V. Palucci, J. Sendecka, H. Benhajali, H. Jorjani

Acknowledgements

- Pete Sullivan

- Gerald Jansen
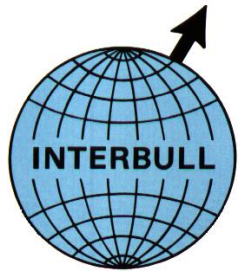
- Jette Jakobsen

- YOU!

Time-Line

MAR 2010: First model presented (Paris Workshop)

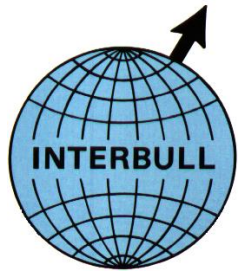AUG 2013: Current model presented (Nantes Meeting)

DEC 2013: Current model fully implemented
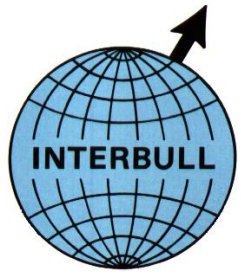
July 2015: Experiences

Size of operation

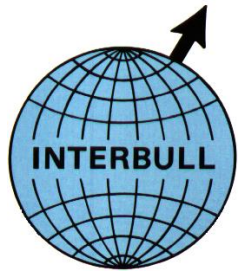| Genomic Multiple Across Country Evaluation (GMACE)	December 2014
Countries	11
Evaluation breeds	1
Country-breed-trait combinations	331
Breed-trait evaluations	38
Submitted national estimated breeding values	14,975,470
Qualified national estimated breeding values	12,171,547
Calculated international estimated breeding values	135,578,888
Distributed international estimated breeding values (GMACE)	6,378,848
Distributed international estimated breeding values (MACE)	102,965,388

ITBC Experiences

- Workflow;

- Computational demand (CPU and run time);

- Complicated rules (inclusion and publication);

- Fluctuation of service participation;

- BCCL

  - Report only the bulls that you are owner

  - Do not use Code P

- ...

Your experiences (as I understand them)

- Good participation

- Good take-up

- Many feedbacks

- A lot of confusion over rules

    - Partly my confusion, e.g. GEBV-Test (Please accept my apologies ☹)

    - Partly your confusion (apologies accepted ☺), e.g. BCCL, publication rules

- Demand for expansion of service to other breeds

Remaining issues

- Need to develop the model;

- More participation needed;

- Simplify the rules;

- ?

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