

International Genomic Co-Operation.

IGenoP (International Genomic
Evaluation Partnership)
An evolving concept.

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IGenoP

- Purpose: to facilitate national cattle animal evaluation units in the provision of *accurate and unbiased* genomic evaluations on their national base and scale.
- Members: open to all national cattle animal evaluation units that are members of Interbull.
- Currently 12 countries have expressed an interest.
 - Ireland, UK, Poland, Italy, South Africa, Spain, Japan, Switzerland, Israel, Belgium, Australia & NZ (co-authors on yesterdays paper).
- Currently 13,285 genotypes, of which 11,801 have MACE proofs. A further 6,871 bulls due for genotyping.

IGenoP – Key Principles.

- Open sharing of knowledge, tools and expertise.
- Commitment to only research and publish GEBV's on their countries base and scale.
- Genotypes hosted at Interbull Centre, with participants covering these costs.
- Each partner contributes all owned genotypes to the pool.
- Partners can use the genotypes in the shared pool for all relevant research, development & implementation.
- Partners will not provide genotypes to 3rd parties.

IGenoP – Some Issues?

- IGenoP is still just a concept. Many issues up for discussion.
 - Will all participants be able to undertake required genomic evaluations for their respective country? If not, what are the options? Potential role of Interbull?
 - Should there be a minimum contribution of genotypes per country?
 - What about sharing of software?
 - Provision of GEBV's at local level?
 - Others.....

Way Forward

- Request that Interbull engage with the proponents of IGenoP to develop a detailed proposal for consideration by member countries.