



IRISH CATTLE BREEDING FEDERATION

# Update on Xbred



ICBF genetic team / InterBeef



# Background

- Brainstorming @ 6,000 feet
- Current option for handling Xbred:
  - Use pedigree groups
  - Create fake ancestors in case of Xbred founder
  - Create animal breed composition from founder down at Interbeef level

# Other (simpler) option

- Use animal breed composition to correct perf. from breed effect
  - Or sire and dam breed composition
- No change in Interbeef pedigree
  - No fake ancestors
  - No pedigree groups

# What to do

- Country upload pedigree as normal
- Country upload 602, 603 ... files:
  - 602 file contains extra columns for the animal breed composition
  - 602 file contains het & rec coeff.
  - 603 file summarises all effects
- Interbeef update model line for IRL in CLIM file

# Summary

- Minimal changes on Interbeef side
- Most changes on country side but simple modifications