

The Austrian Genebank in EUGENA

Beate Berger
AREC Raumberg-Gumpenstein



Main objectives of the Austrian Genebank for FAnGR

- Task “Conserving the biodiversity of FAnGR in Austria”
 - conservation breeding in rare breeds
 - working collection/core collection (EUGENA)
 - backup for commercial cattle, goat and pig breeds
 - different structures, private owners (not in EUGENA)
 - genetic archive all AnGRFA (partly in EUGENA)

Type of hosting institution

- Public, owned by the Republic of Austria
- Hosted by the Agricultural Research and Education Centre Raumberg-Gumpenstein (AREC), a Research Facility of the Austrian Ministry of Agriculture
- Approved organic institution
 - No ET allowed, but storage possible
- Approved AI-centre for cattle, goat, sheep and pig

Material-Breed-Species stored

- Genebank collection (EUGENA) 29 endangered breeds
 - Semen only, currently 4 species (cattle, goat, pig and sheep), horse (Lipitsan) different location
 - 50 doses per sire, pigs 20 doses/sire
- Archives (partly privately owned) 31 cattle, 11 goat, 7 pig breeds, 1 horse breed
 - (semen, DNA, blood, tissue)
 - Embryo storage planned, co-operation with other institutions needed

How can EUGENA support your genebank?

- Networking between gene banks
- Between institutions
- Between countries
- Guidelines and best practice examples to facilitate negotiations between Austrian Ministries