

Ex Situ/In Vivo Survey Results

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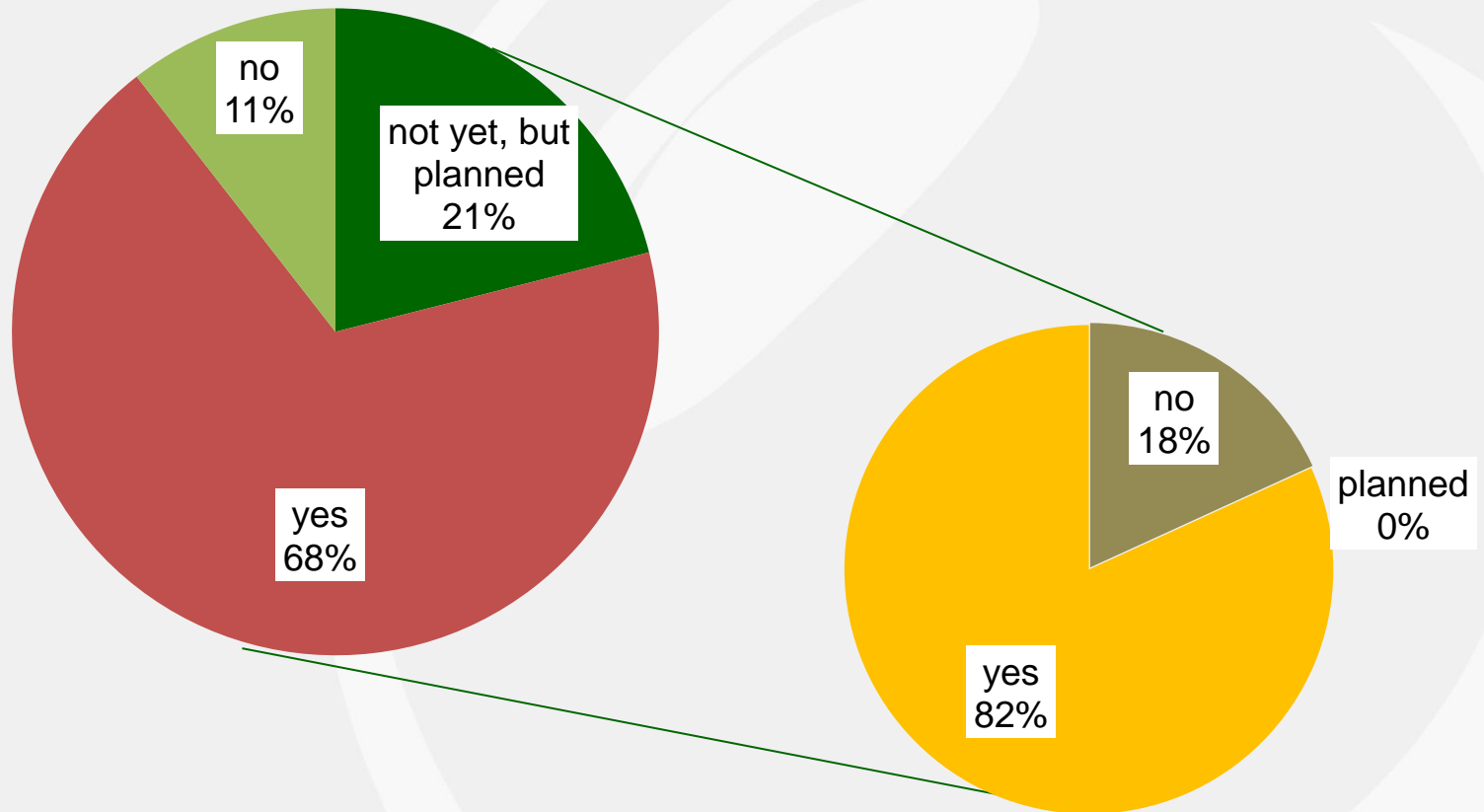
Definition of *Ex Situ/In Vivo*

- „Maintenance of live animal populations not kept under their normal management conditions (e.g. in zoological parks or governmental farms) and/or outside the area in which they evolved or are now normally found (FAO 2015, SoW II, p. 277).“

ERFP Questionnaire: *Ex situ in vivo* conservation in Europe

• Invitations sent	68
– Countries	44
– Undeliverable	1
• Answers	21
– Countries	21
– Fully answered	17
– Partly answered	4

Do you have *ex situ in vivo* conservation of AnGR?/ Do you have *ex situ in vivo* genebanks?



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Main reason(s) for not using *ex situ in vivo* conservation?

- 4 answers
 - *In Situ* programmes well established (2)
 - Not needed
 - No conservation programmes

How many *ex situ in vivo* genebanks do you have (planned)? How many locations?

- From 1 to > 1000 locations/country
- Majority 10 to 20
- Research institutes, state farms,

Which species and how many different breeds/strains?

- Chicken 46 breeds/strains
- Cattle 20 breeds
- Sheep 17 breeds
- Horses 10 breeds
- Pigs 5 breeds
- Goat 4 breeds
- Ducks, geese, turkeys, pigeons, rabbits, buffaloes, bees, fish, fur animals, ...

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Who is (will be) responsible for the genebanks and how are (will) they (be) funded?

- Ministries of Agriculture
- Regional governments
- Research facilities – Universities, research institutes
- Other public/private bodies
- NGOs

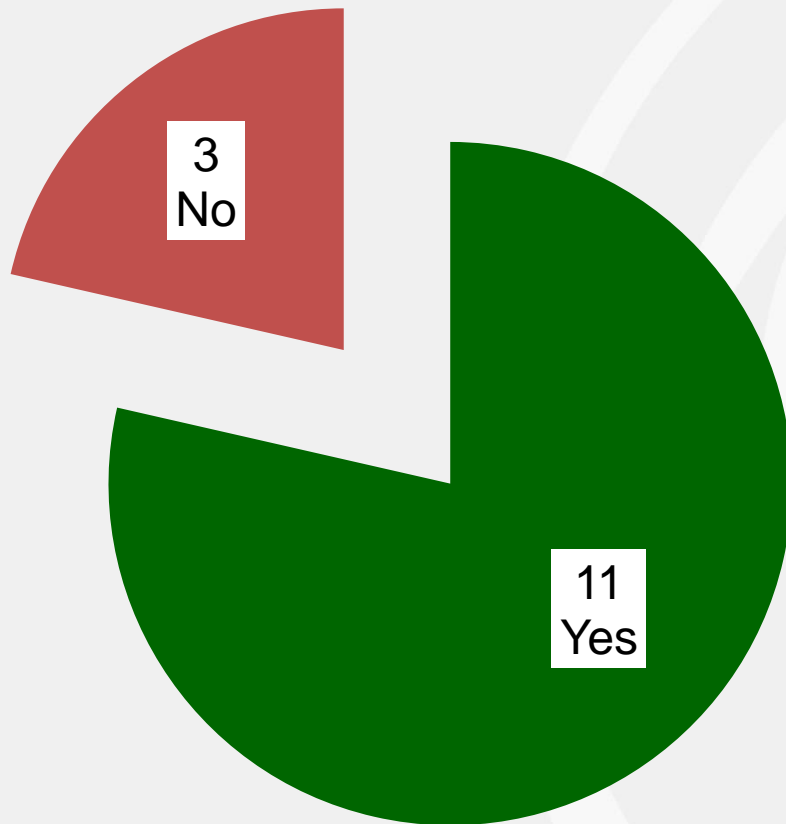
Is (Will) breeding material from the genebank (be) used in *on farm* conservation programs and/or cryoconserved?



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Is there any other form of *ex situ in vivo* conservation like zoos, ark farms, nucleus herds,... of AnGR in your country?



- Ark farms
- Farm parks
- Zoos
- Nucleus herds

Conclusions

- In vivo = „all or nothing“
 - High diversity of species/breeds/strains in collections
 - Primarily local breeds
 - Mostly public responsibility
- Questions:
 - How to integrate ex situ in vivo into genebank networks?
 - What to do in case of epidemics?

*Can the
ERFP WG ex situ
help?*



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