



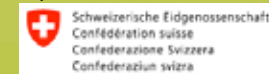
Working Group 1: Rescue & Quarantine

Welcome to Working Group I: Rescue & Quarantine



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Basics

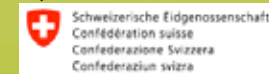
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- In this workshop, also in the whole project, we are dealing with in-situ / on farm conservation. That means: The active breeding of animal populations for food production and agriculture (including performance recording schemes and breeding programmes). In situ conservation also includes: ecosystem management and use for the sustainable production of food and agriculture.
- It does not mean: storage, collection and cryopreservation of resources in the form of living semen, ova, embryo or tissues



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Statements of the participants

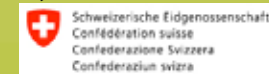
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- Objectives will vary from country to country
 - Depending on the state of the art
 - Support / incentive programmes
 - Existing of (integral) conservation strategies
- Species, breeds, individuals must be defined:
 - Monitoring of breeds and varieties and characterisation
 - A legislative and institutional framework is to be taken into consideration
 - Official recognition and breeder organizations



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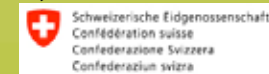
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- A multidisciplinary focus is needed
 - Interaction with breeder associations
 - Interaction with integrated nature and habitat protection actions
 - Interaction with scientific interests like applied molecular genetics, reproduction, technology of products
 - Rescuing of traditional knowledge linked to the local breeds and traditional management systems is necessary



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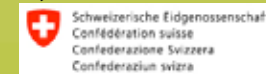
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- Ark and rescue of domestic animals populations are essential
 - As a point of reference for other private herds
 - Genetic reserve herds
 - Cultural memory of the population
 - Native animals are close linked to conservation of habitats and their traditional use



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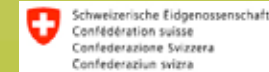
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- A&R centres should be provided with:
 - Qualified staff
 - Well designed and adapted breeding selection work
 - Appropriate zoo-technical conditions (incl. quarantine facilities)
 - Supervision and cooperation of expert services/institutions
 - Elaborated utilisation programme (with the local community)



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Goals

- Guidelines on rescue and quarantine
- What shall be rescued in an Ark & Rescue Centre
- Process of rescue (who, how and when)
- Process of quarantine (who, how and when)

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Process of Rescue and Quarantine

- What shall be rescued and when
- Who decides
- Needs for successful rescue
- Needs for provision of quarantine
- How and when shall quarantine be offered





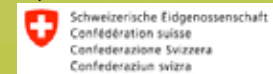
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- Ark station is an existing farm where you keep one or more local breeds
- Ark station should have additional roles like educational aspects...
- Rescue station means any station with free space for host rare breeds in a short time for emergency reasons



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Process of Rescue and Quarantine

What shall be
rescued and when

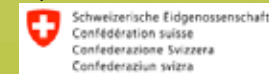
**Rare Breeds Animal Genetic
Resources
Terms and Definitions**

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Process of Rescue and Quarantine

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■ Rare Breeds – Animal Genetic Resources

- At the breed level, the genetically unique breed populations formed throughout domestication processes within each animal species of interest to the production of food and agriculture
- **Domestic Animal Diversity (DAD):** The genetic variation or genetic diversity existing among species, breeds and individuals
- CBD: The term “biodiversity” relates both to “*wild and domesticated species*” (Art. 2, ff.).

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Process of Rescue and Quarantine

What shall be rescued and when

■ Definitions: endangerment

- FAO: endangerment of breeds depends on diminution of population, females in reproduction and crossbreeding (barely pure sire lines available)
- EU: Regulation 1698/2005: Art. 14: farm animals of local breeds indigenous to the area and in danger of being lost to farming; Comm Reg. 1974/2006





Process of Rescue and Quarantine

What shall be rescued and when

■ Country view

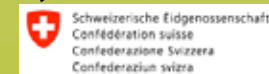
- Countries must enable the establishment of herd books and breeders' organizations.
- Country definitions; process of acceptance of a breed as rare are different and sometimes missing
- About 40% of rare breeds in the FAO DAD-IS are covered by payment schemes of the EU regulations. In some countries no payment schemes exist.

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Process of Rescue and Quarantine, suggestions

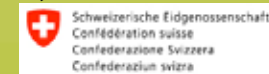
- Rare Breeds needs to be identified
- Lists (and pictures) needs to be available
- Stakeholders like e.g. veterinarians needs to be informed/educated
- Contactpersons must be defined
- Places must be defined

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Needs for successful Rescue

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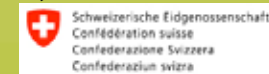
- Identification of the breed (Composition of the National Committees for AnGR), needs to be multidisciplinary
- Contact persons
- Identified places (rescue Centers) to replace a breed or a group
- Possibilities for herdbook keeping
- Find out lowest threshold for action
-

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Needs for successful Rescue

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Process of rescue (how and when)

- Somewhere (in the country) breeds need to be listed and described
- There must be a contact point in the country, where information (breeds, possibilities etc.) is collected.
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Needs for provision of quarantine

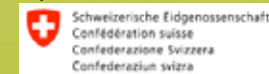
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- Provisions of e.g. culling measures for the exemption of rare breeds are in several Council Directives included. The member State shall ensure, that appropriate bio-security measures are taken to protect such animals from infection.
- “breeding nucleus of animals of susceptible species indispensable for the survival of a breed” must be established in advance



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Needs for provision of quarantine

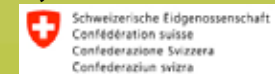
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- Conditions of Council Directive 92/65 *ANNEX C*:
 - clearly demarcated and separated from its surroundings or the animals confined and located so as not to pose a health risk to agricultural holdings whose health status might be jeopardised
 - have adequate means for catching, confining and isolating animals and, have available adequate quarantine facilities and approved procedures for animals coming from non-approved sources;



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How and when shall quarantine be offered

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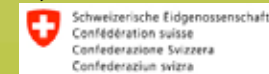
- The A&R as a whole e.g. with disinfection facilities, restrictions for visitors etc?
- places within the A&R to keep endangered breeds separate?
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Guidelines on rescue and quarantine

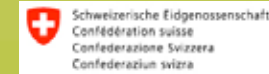
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Thank you
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constructive
collaboration



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