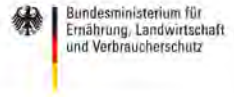




Gesellschaft zur Erhaltung alter und gefährdeter Haustierrassen e.V. (GEH)

www.g-e-h.de

Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

Modelling Project on Biological Diversity

Health Management and Disease Protection for endangered Species of Farm Animals (GeSGeN)

Funded by Ministry of Agriculture, Germany

Antje Feldmann, SAVE – Ponte de Lima





Background

- EU provided exemptions from the culling of animals, which are kept for the conservation of rare breeds for the three great animal plagues
- ***Foot and Mouth Disease (Article 15 in 2003/85/EC)***
- ***Avian Influenza (Article 13 in 2005/94/EC)***
- ***Swine Fever (Article 5 in 2001/89/EC)***

These regulations have been implemented in national law in each European country

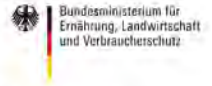
But: No taskforce for rare breeds has been established till now





Epizootic legislation....

Gefördert durch:



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des Deutschen Bundestages

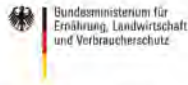
..... for food and mouth disease, swine fever and avian influenza allows ***under certain circumstances*** exemptions from culling for farms with rare breeds:

- **farm keeps UTR-Breeds** (Unplaceable Animal genetic Resource, according to the Red List of Ministry for Agriculture)
- Breeds of category „vulnerable“ and „rare“ are defined as UTR-Breeds
- farm is accepted as a UTR-Farm and known by veterinary authorities
- high demands on biosafety; safe quarantine is necessary
- exemptions have to be permitted in advance of an epidemic plague



Modelling project Health Management and Disease Protection

Gefördert durch:



Bundesministerium für
Ernährung, Landwirtschaft
und Verbraucherschutz

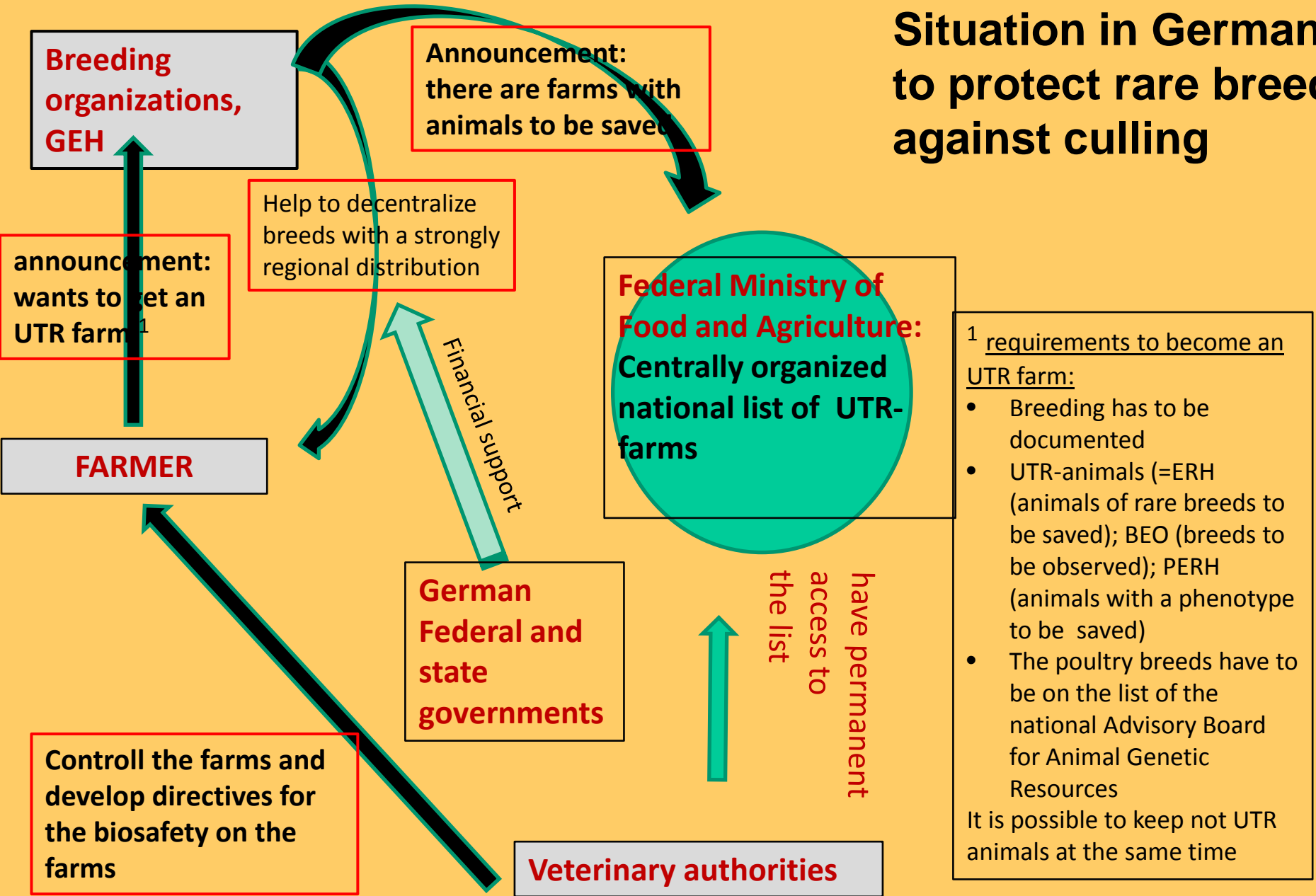
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des Deutschen Bundestages

Three main steps in the project

- 1) Questionnaire and farm consultancy (more than 1200 questionnaires sent out) to identify modelling farms and inform farmers about biosecurity aspects
- 2) Information and collaboration for farmers about the veterinary and hygienic aspects
- 3) Identify UTR-Farms and bring them into the position not to be culled during an outbreak of a disease



Situation in Germany to protect rare breeds against culling





Modelling project health management and disease protection

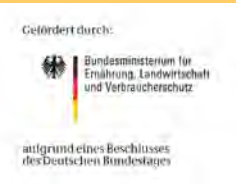
Information for Farmers

- general information flyer (in german and english) for Farmers, Ark-breeders, Herdbook-breeders, Multipliers, Ministries and Associations in agricultural and veterinary field
- flyer „Healthy feeding and husbandry“, (preventive health measures and hygiene) for 8 animal species
- articles in trade journals (also SAVE newsletter); speeches on professional events
- furthermore: discussion in regional expert and breeders groups





UTR-Farms (Unreplacable Animal genetic resource)



- Already **given exemptions** (Zoos, Institutes) in different countries (EU)
- Selection of **suitable farms** (Herdbook-Breeders, Ark-farms and Ark-breeders) which can probable provide a safe quarantine, several farm-visits are useful
- Contact to the competent **veterinarian authorities**
- **Accompanying dialogue** with authorities and agencies, f.e. ministers, advisory board genetic resources etc.

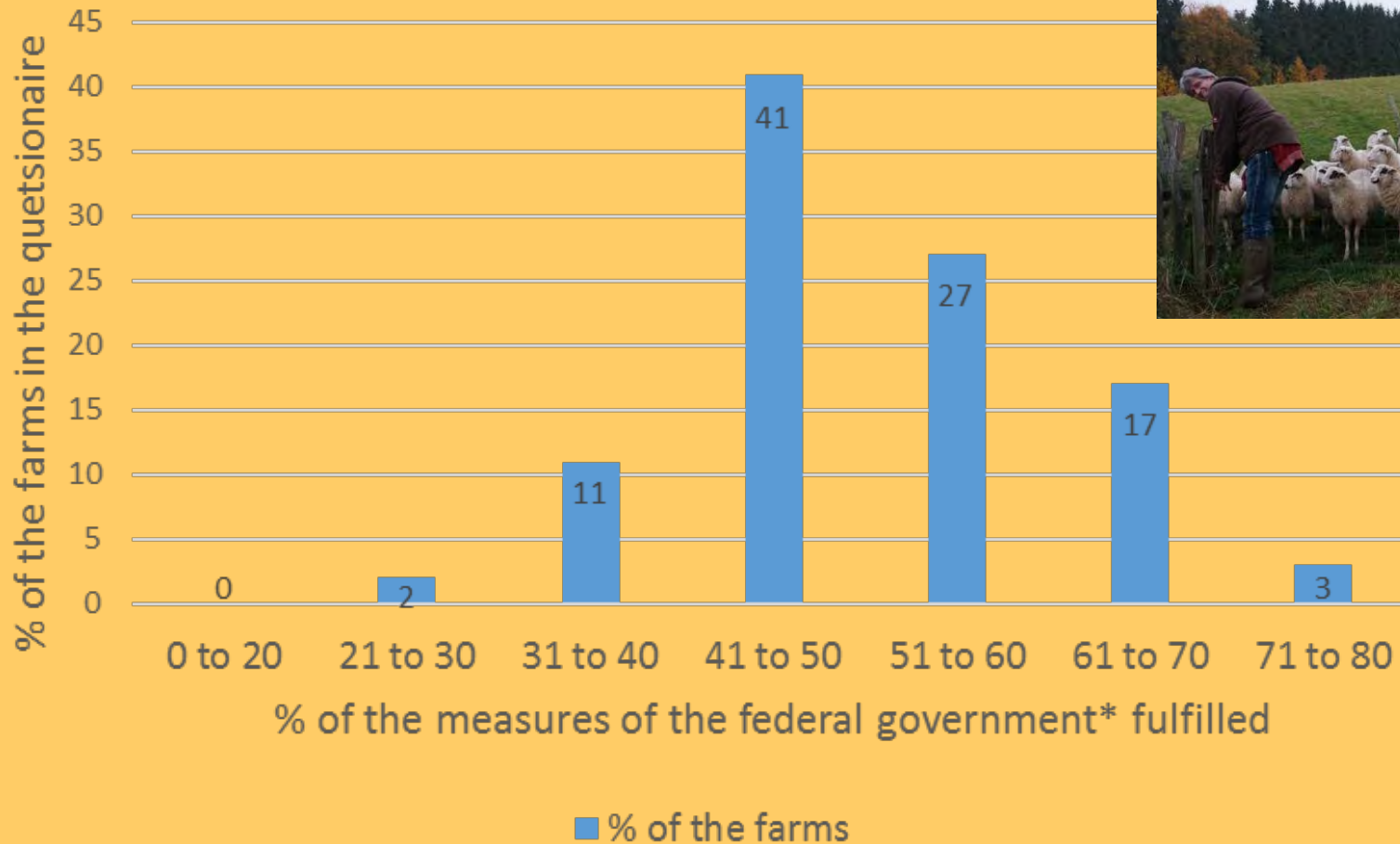




Questionnaire results

(1200 questionnaires sent out, 390 answers)

Status quo of the implementation of precautionary
hygienic measures on the farms in %





Status of Farm visits in the Project

Country	Farmvisits	Potential Farm	Reserve Farm
BB	7	4	1
BW	6	0	1
BY	13	4	2
HE	6	1	0
NI	10	2	4
NW	10	5	1
RP	2	1	0
SH	13	5	1
SN/MV	14	2	0
ST	1	1	0
TH	3	2	1
Together	96	27	11





Preventive measures

- **Typical requirements**

- Farm is surrounded by a fence
- Closable stable
- Disinfection cleaning is possible
- Cadaver storage

In Germany no national wide regulation for preventive measures and for different species is available, the veterinarians argue mostly as they know and think about it. This makes it very hard for the farmers!





Status quo on Farms with Ruminants

- *Common deficiencies:* disinfection, vaccinations, foreign vehicles on farm
- *Positiv:* veterinary care, treatment endoparasites, storage of roughage, rodent control
- *Biggest problem* for possible protection status: needs in construction of the stables (possibility to close it consequently for a longer period (4 - 6 weeks) (expensive)

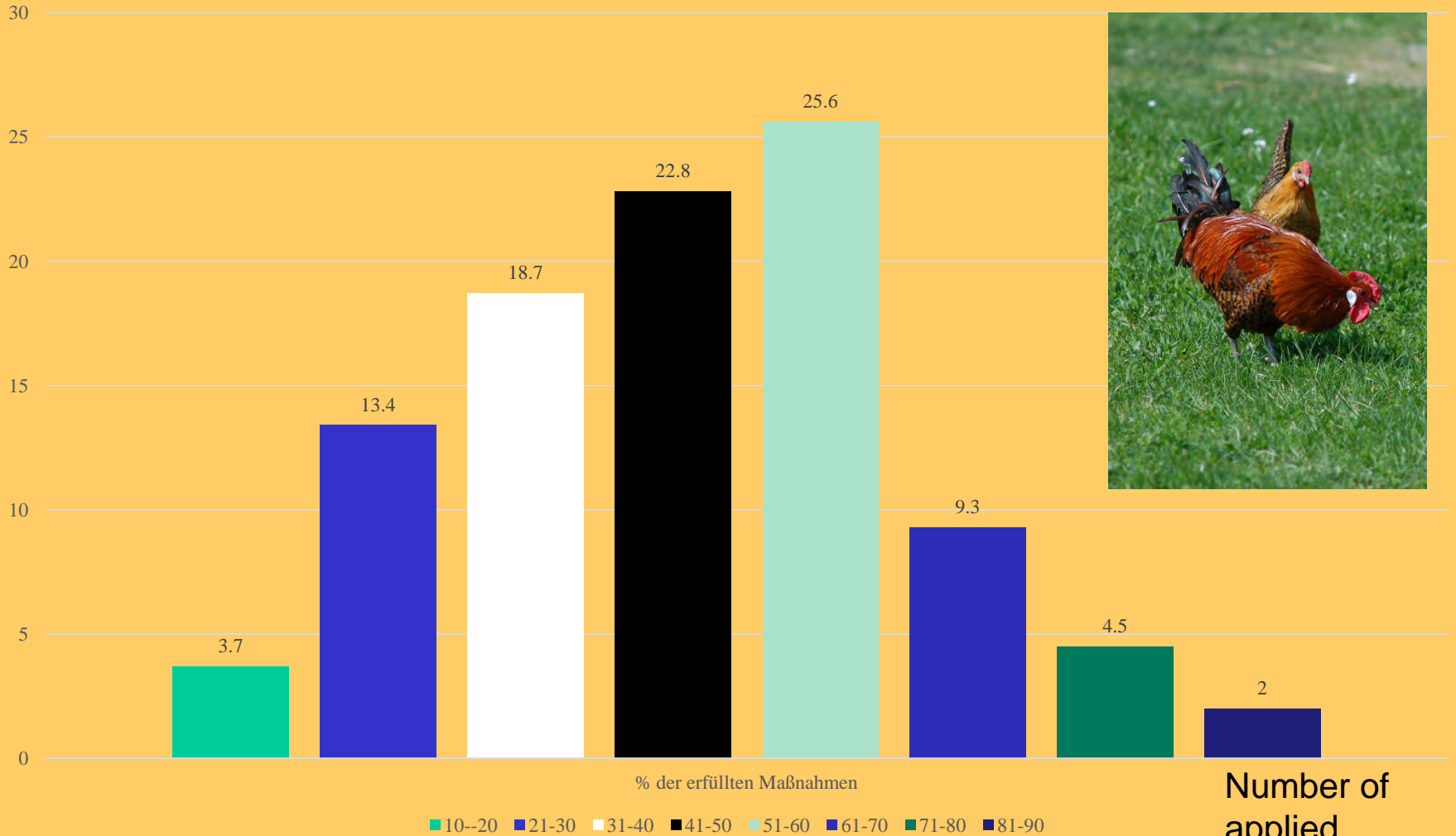




Implementation of Measurements on the Farms with Chickens

Number of farms who applied measurements %)

Einordnung der Betriebe mit Geflügel anhand der umgesetzten Maßnahmen in %



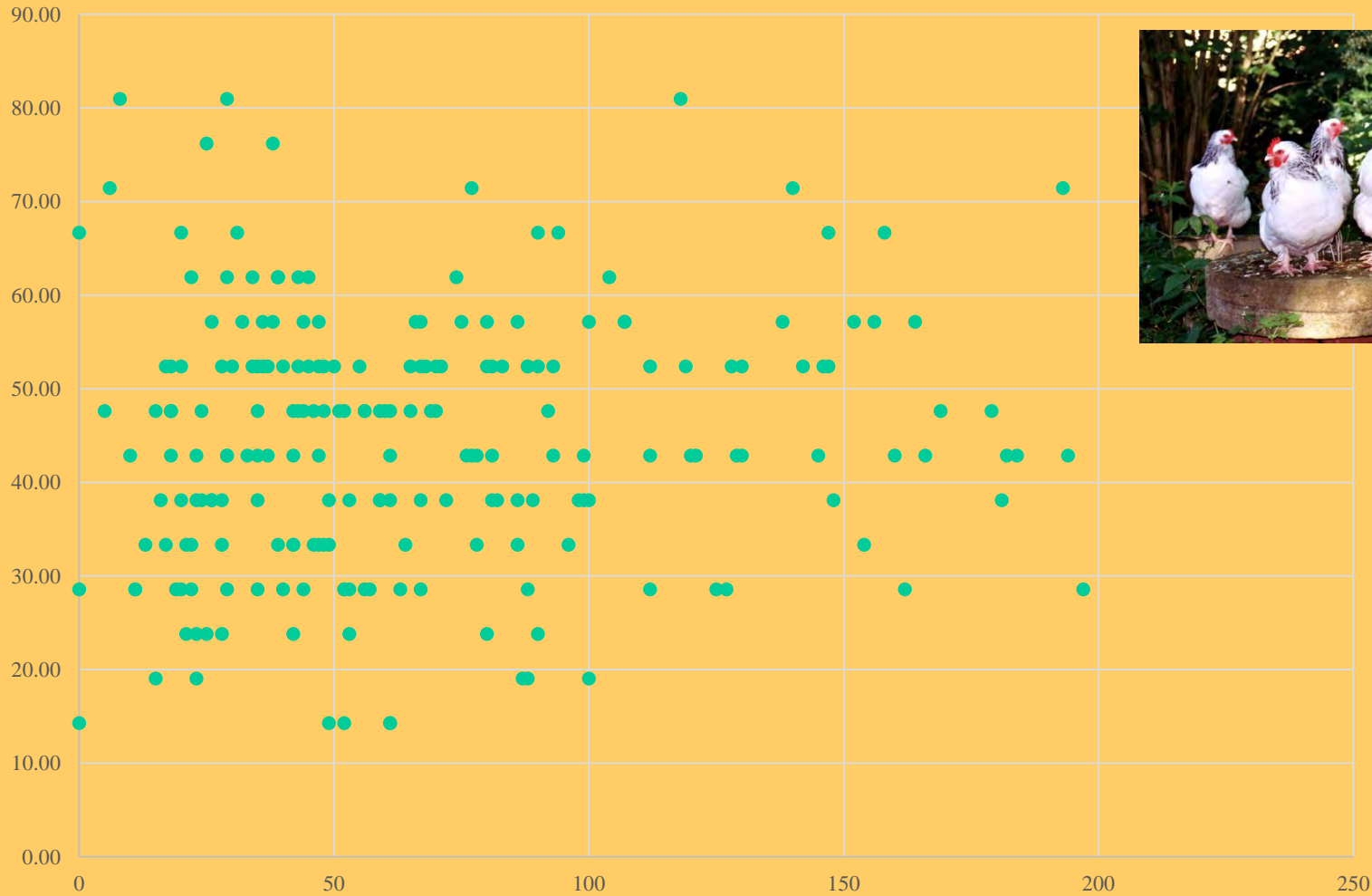
Number of applied measurements % on the farm



Biosafty activities on Farms with Chicken

Number of
measurements %

Maßnahmen in % von Betrieben mit einem Gesamttierbestand von bis zu 200
Tieren (betrifft 87 % der Betriebe mit Geflügel)



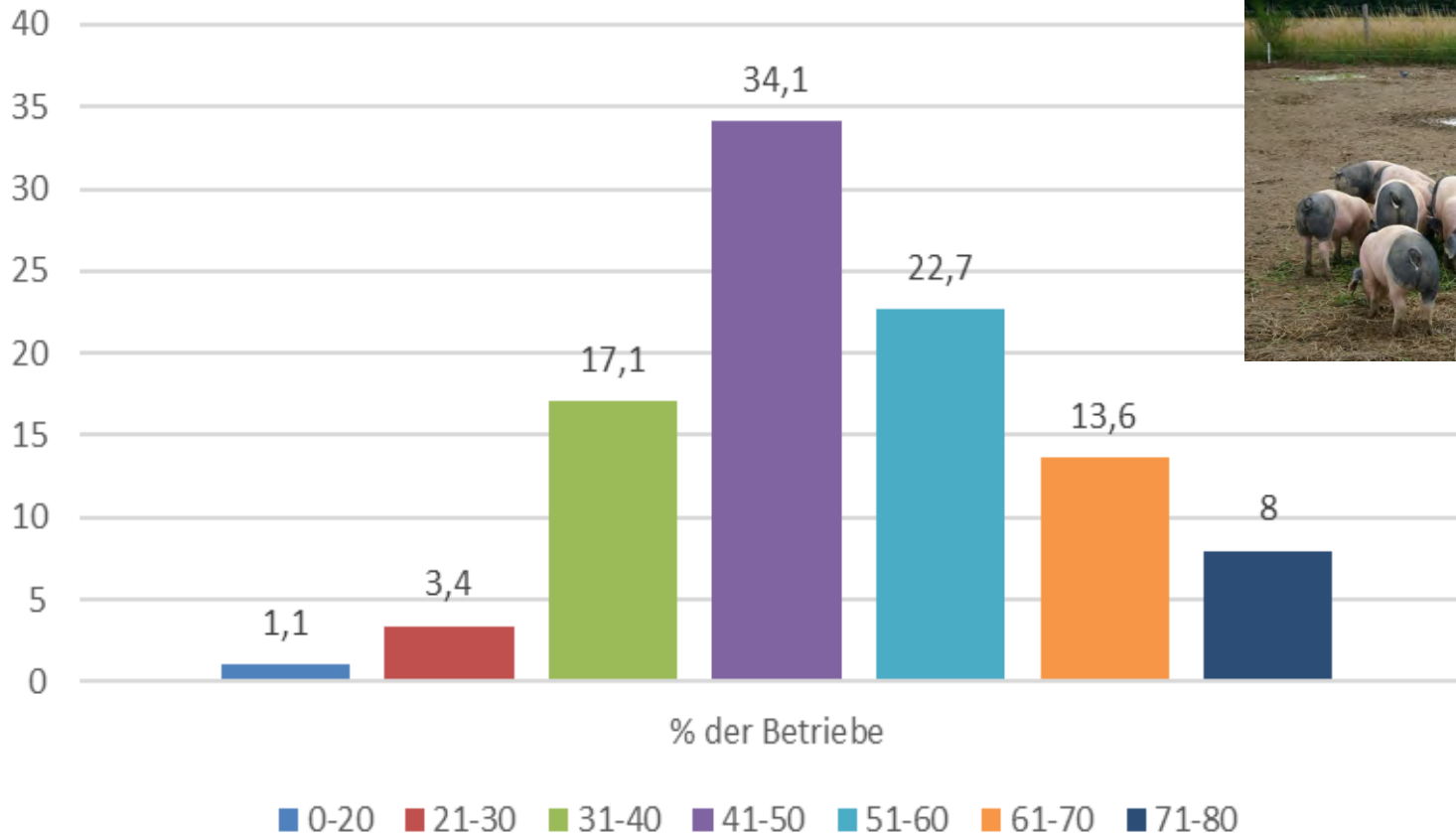
Number of Animals on the Farm



Implementation of Measurements on the Farms with Pigs

Number of farms who applied measurements (%)

Einordnung der Betriebe mit Schweinen anhand der umgesetzten Maßnahmen in %



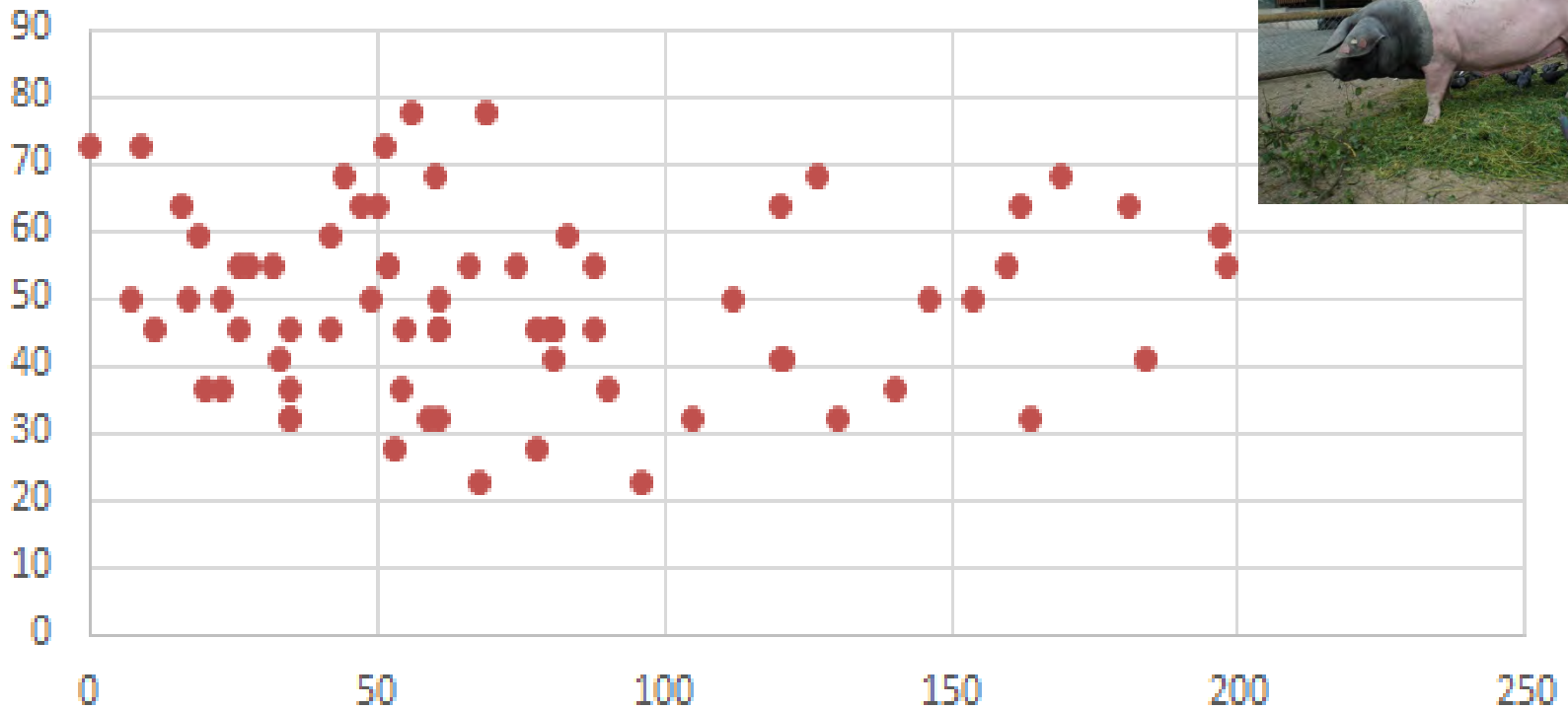
Number of applied measurements % on the farm



Biosafety activities in Farms with Pigs

Number of
measurements %

Betriebe mit einem Gesamttierbestand von bis zu
200 Tieren (betrifft 81,1 % der Betriebe mit
Schweinen)



Number of Animals on the Farm



Selected measures of regulations for free range pigs

- Double fence (outer and inner fence)
- Assured access to the area
- External persons only with protective clothing
- Cadaver storage (closable, opportunity for cleaning disinfection, approachable from outside by lorry)
- Feed- and litterstock protected against boars





✓ Present Resumee and wishes

- there is a lot of interest of farmers, hobbybreeders, veterinairs, governments to have UTR-Farms
 - there is a lot to do in on national and international level
 - hopefully there is more clearness about the way of doing in case of an outbreak of a disease
 - many farms which are able to fullfill the criteria and get the status of a modelling-farm
 - implementation in all european countries

No diseases at all and - Thank you very much for your interest

Society for the Conservation for old and endangered Livestock Breeds in Germany, Walburger Str. 2, 37213

Witzenhausen, E-Mail: info@g-e-h.de, www.g-e-h.de