

# European Innovation Partnership (EIP-agri)

**OG: Animal Genetic Resources**



OG Animal Genetic Resources, Schleswig-Holstein  
September 2016

Sowah Addo  
CAU-Kiel

# Our Project



- Developed and implemented together with farmers and readjusted based on their feedback. Farmer-relevant issues prioritized
  - Small populations of local breeds
  - Management of inbreeding
- Population management suggested
  - Use of pedigree
  - Use of genomic information

Bottom-up  
concept

**Development of population management strategies for rare animal breeds using genomic information in Schleswig-Holstein**

# Selected Breeds



Angler Cattle



Schleswig Coldblood



White Headed Mutton



German Improved White



Angler Saddleback

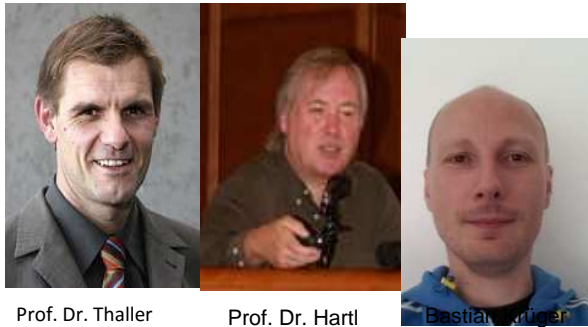


Red & White Dual Purpose






# Actors of the OG "Animal Genetic Resources"



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Lead Partner 



Prof. Dr. Dr. Frölich

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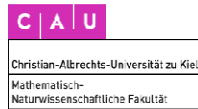
Dr. Weigend and  
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Science



Jonas Schäler

Sowah Addo



- Also:
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  - Andreas Krause
  - Karl Dieter Fischer



Hardy Marienfeld,  
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Associations



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Andrea Prah  
(Förderverein für das Angler Sattelschwein)



- Also:
- Janine Bruser  
(Landesverband Schleswig-Holsteiner Schaf- und Ziegenzüchter)
  - Gunnar Jacobs  
(Verein Schleswiger Pferdezüchter)



# Thank You



Our need: networking



## Arche Warder e.V.

- More than a zoo
- Europe's biggest center for rare and endangered breeds of livestock
- 40 ha Parkland
- 46 ha leased land
- Appr. 1,200 animals from 82 breeds
- Guided tours: German, Danish & English

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**ARCHE WARDER**  
Zentrum für seltene Nutzerrassen