

Our Genetic resources, our Heritage one-third of the world's livestock population

- Cattle 692 breeds
- Sheep 363 breeds
- Goats 289 breeds
- Pigs 146 breeds
- Poultry 329 breeds
- non-conventional 431 breeds from various species

30-80% of Nationals' agricultural GDP, and the main sources of animal protein

Important reservoirs of untapped genes for the future needs of the global livestock industry.

•1.9 billion chickens •26 million guinea fowl

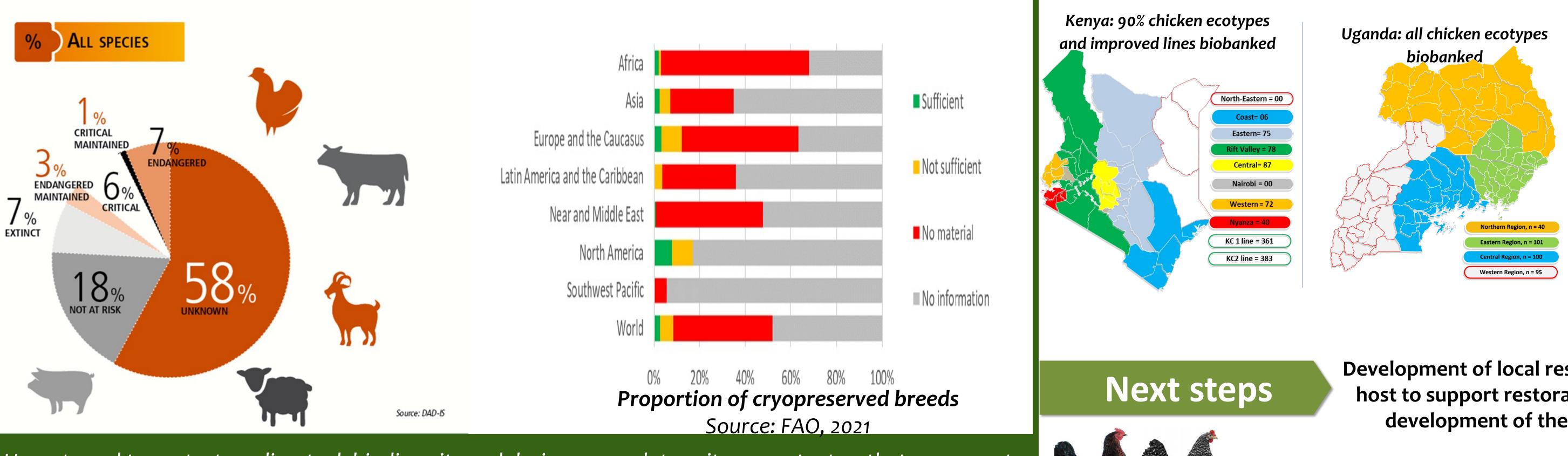
- •27 million turkeys
- •22 million ducks
- •11.5 million pigeons
- •438 million goats
- •384 million sheep
- •356 million cattle
- •40.5 million pigs
- •31 million camels
- •30 million donkeys
- •6.5 million horses
- •885,000 mules
- •unknown number of nonconventional livestock

Source: FAOSTAT 2019, AU-IBAR, 2019

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Conservation and development of tropical indigenous and local livestock genetic resources

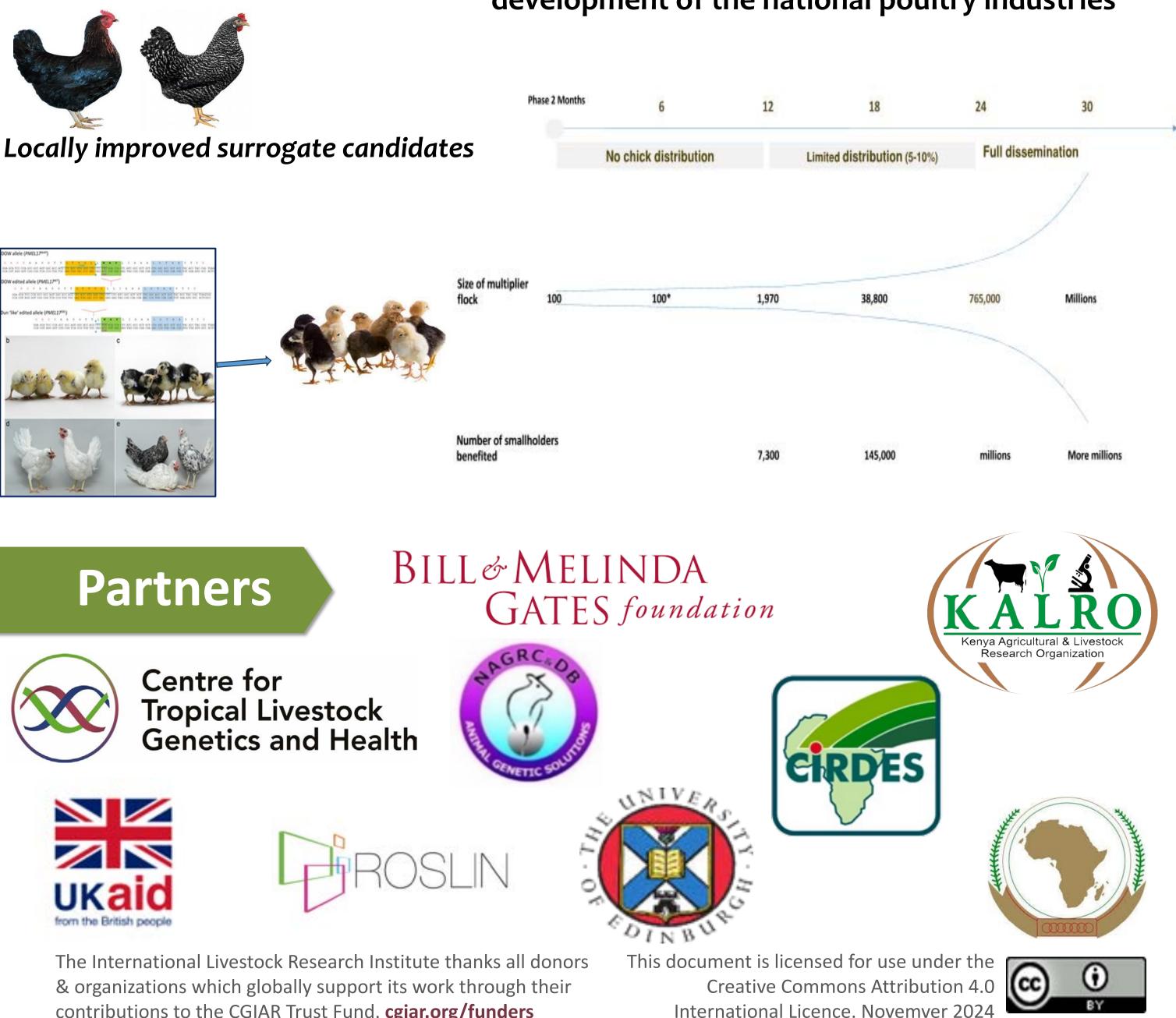
The challenge



Urgent need to protect our livestock biodiversity and design research to suit our context so that we can get the real picture of what we have for present and future generations.



✓ Large number of breeds can be revived when needed.

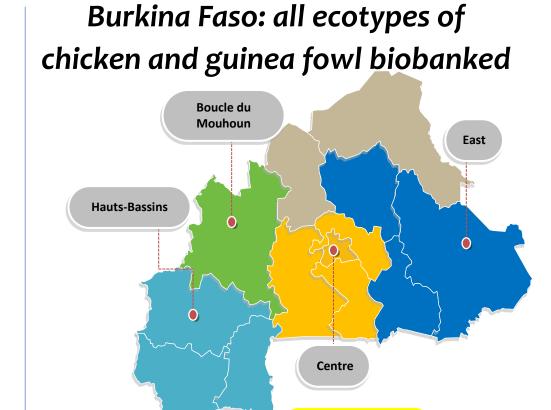






Outcomes

National scientists trained and local chicken and guinea fowl ecotypes biobanked in Eastern and Eastern Africa



Development of local resilient and productive surrogate host to support restoration of indigenous breeds and development of the national poultry industries