

# Development opportunities in animal breeding in African countries

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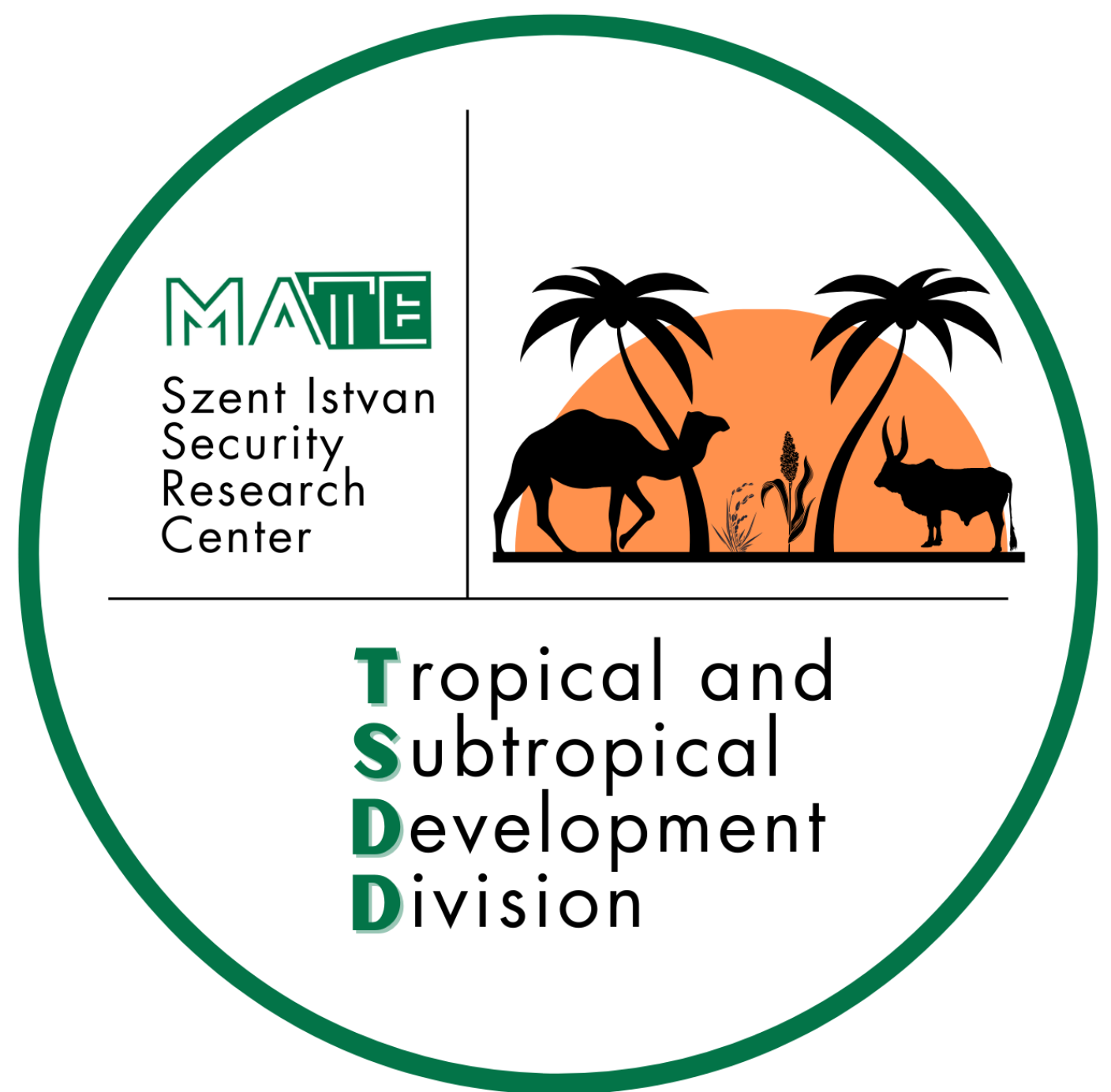
**IX. GATN**  
 **2024**



**Kenyai mintafarm NKAF/183/2023**



**THANKS FOR  
YOUR ATTENTION!**



# 1972-1973

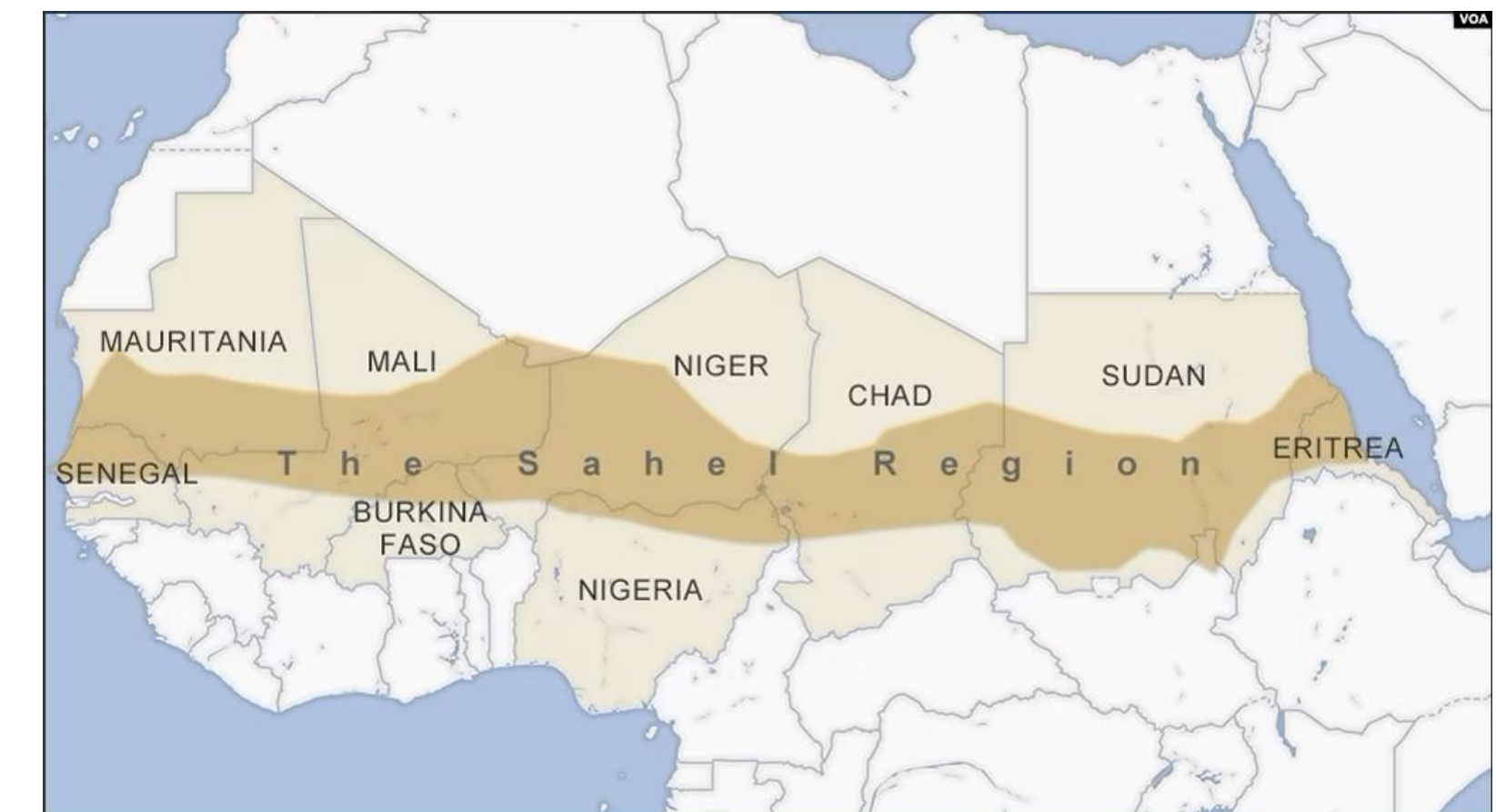
# 2023

## CHALLENGES

- Effects of climate change;
- Water shortage (?!);
- Overgrazing;
- Lack of infrastructure;
- No breeding programs;
- No individual identification;
- Animal health problems;
- Extensive systems – low production and income.

## OPPORTUNITIES

- Traditional knowledge;
- Genetic heritage;
- Number of livestock;
- Diversity of livestock;
- Breeding, crossbreeding;
- Gene preservation;
- Hospitality and openness;
- Extensive systems – easy to improve!



## CHAD

- Sahel region with its own challenges;
- From 9/2023, app. 3-8 visits per participants;
- Project goals:
  - Education and training (11/2023, 2/2024, 7/2024);
  - Knowledge transfer;
  - Research cooperation;
  - Demonstration farm (100-120 milking camels);
- Local partners: IRED, CECOQDA and Oryx;

## KENYA

- Better conditions;
- Technology needs to be upgraded;
- Project goals:
  - Mostly focused on crop prod. and hortic. (1st phase);
  - Livestock and feed production: 2nd phase;
  - Knowledge transfer;
  - Research cooperation;
- Local partners: HUNAGRO, KALRO (dairy and beef)



## LIVESTOCK (FAOSTAT)

### CHAD

- Cattle: 33 million (2021), 35 million (2022)
- Sheep: 41 million (2021), 45 million (2022)
- Goats: 43 million (2021), 46 million (2022)
- **Camel: 9,4 million (2021), 10 million (2022)**
- Horse: 1,3 million (2021), 1,4 million (2022)



Arabi camel – ecotype



Kuri cattle (indigenous breed)

### KENYA

- **Cattle: 22 million (2021), 23 million (2022)**
- Sheep: 24 million (2021), 25 million (2022)
- Goats: 32 million (2021), 34 million (2022)
- Camel: 4,4 million (2021), 4,6 million (2022)



Improved Boran cattle



## RESULTS



Relationship  
Capacity building  
Field surveys  
Sampling and genetic background  
Equipment delivery  
Planning







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