CIRCULARITY IN INTEGRATED SYSTEMS:
RESOURCE RECOVERY FOR FEED, FUEL AND (ORGANIC) FERTILIZER SELF-SUFFICIENCY IN ETHIOPIA

BRIEF PRESENTATION ON CASE STUDY (2) IN ETHIOPIA

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PROJECT KICK OFF – WORKSHOP
2 MARCH 2023
- JU is located in SW part of Ethiopia 350 Km away from the capital city
- One of the top ranked public university in the country
- Pienaar in community based education
- Has 69 years old college of Agriculture established in 1952
- Agricultural research and education in Ethiopia started at college of Agriculture
4+2 Campuses 6 Colleges 2 Inst

Cross-border programs: Somaliland/ Hargeisa Campus
Partnership and networking

70+ collaborative projects

60+ small grants
South West Ethiopian Landscape
Case study 2: Teppi

Soil: Nitisols, Vertisols, Leptosols, Regosols, Cambisols, and Acrisols

Crop: Maize, teff, common bean, field pea, sorghum, enset, coffee, ginger, turmeric, avocado, mango and banana

Livestock: Cattle, sheep, goats, poultry, donkey, apiculture
Products: Beef, chicken, milk, butter and honey

Forestry: Pouteria adolfi-friederici, Syzygium guineense, Polyscias fulva, Olea welwitschii, Diospyros abyssinica, and Cordia Africana
Products: Firewood, timber, medicinal plants, traditional furniture, bamboo and coffee shade

Management: Hoeing, weeding, intercropping/Agroforestry/, crop rotation, participatory forest management, minimum tillage, composting, mulching
THE FARMING SYSTEM OF THE TEPPI AREA IS CHARACTERIZED BY:

- Coffee and other tree crops and spices mixed farming; with
- Limited food crops (maize and root and tuber crops), and livestock (cattle, donkeys, sheep, goats and chickens)
- Opportunities for off-farm activities for income generation
Major spices crops grown in the Teppi area

- Black pepper
- Ginger
- Turmeric
- False Cardamom (Korarima)
I THANK YOU !!!