Farming system model

The family Main historic milestones of the farm/family Justin is on his forties. His household is compsed by his mother, 7 other adults including himself and 7 children. He owns 16 acres . 8 acres on the hill with maize, ground nuts and beans intercropped, 4 acres in the slope and inland valley for banana and maize. potatoes, maize and Justin inherited the farm from his parents (16 acres). 8 on the hills they have been farming for cassava, and 4 acres in the inland valley with coffee plantation and intrecropping maize and decades banana. He has 1 pig, 2 goats, 15 chickens (he sells 100 eggs/ year and meat). Sells agricultural surpluses when possible. The family project Make a living and sustain his large family through agricultural production and animal rearing. Strengths **Constraints** External: market demand for all the External: chicken disease when the Farm strategy products he is producing. population increases to a certain Objective: Diversification as his general strategy to minimize the risk in each activity point, rainy season this year not and maximize the potential of the farm. Producing crops (irish and sweet potatoe, long enough. maize, beans, ground nuts, cassava, coffee) animals rearing, chicken and eggs, for cash and home consumption. Internal: decades of experience, Internal: slope in all his lands and availability of family labour, land Decisions: This season he will use irish potato for seed production instead of selfpoor soil quality on the top of the ownership of 16 acres, combination consumption. He plans his farming activities based on the avialability of family labor. He hill. of crops and animal, strong family applies organic matter (residues from his crops) on the soil to improve soil quality. He ties and identity. designs his land use pattern according to soil quality and water condition