





Key findings

- 1. Rapid rise of medium-scale farms
 - Mainly in areas with substantial potential for area expansion (Ghana, Tanzania, Zambia, Nigeria)
 - Much less so in densely populated areas (Kenya, Rwanda, Uganda)







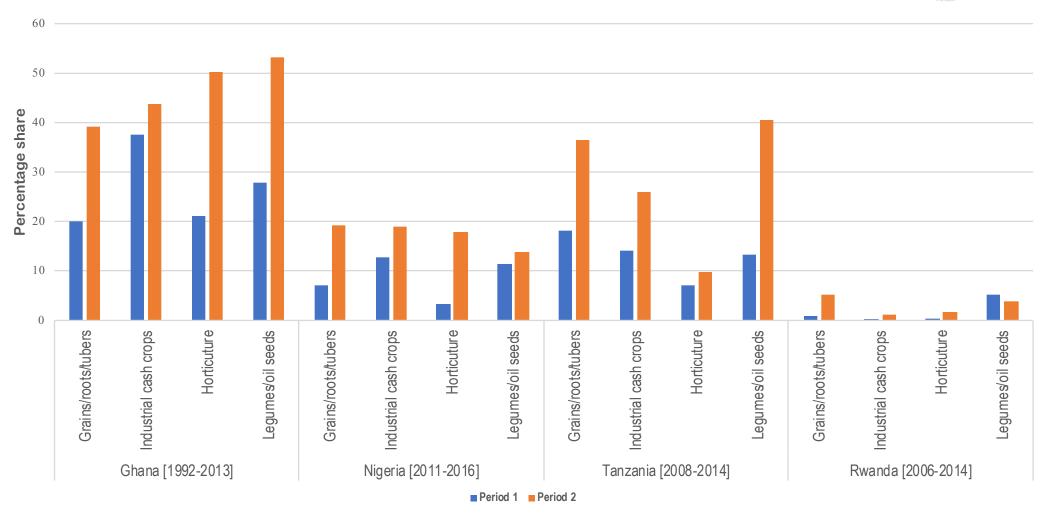






REFLECTION WORKSHOP Toward Inclusive & Sustainable Food System Transformation

Share of total marketed output under MSF is growing















- 2. Origins of these MS farms
 - Some small-scale farms successfully growing and commercializing
 - Relatively wealthy rural people using non-farm income to invest in farmland
 - Urban people investing in farmland











- Rural transformation involves the transfer of land allowing entrepreneurial people with access to capital to develop the land
 - Customary land is being allocated to investors
 - Land sales markets increasingly active / accepted
 - Governments are passing new land laws to allow these transfers to happen













- 4. In contrast to Latin America, MS farms in Africa appear to be a source of rural dynamism
 - Concentration of farmland among 5-10 ha farms promotes growth in rural NF employment and p.c. incomes (Chamberlin and Jayne)
 - Concentration of farmland among 5-10 ha farms attract mechanization rental markets for SS farms.
 - MS farm concentration attracts agro-input and service providers (Wineman et al., 2019)
 - Concentration of MS farms attracts LS traders into the area, improving market access conditions for smallholders (Burke et al., 2019)













- 6. Sources of productivity advantage for farms cultivating > 10 ha, which contributes to higher net output values per hectare (Muyanga and Jayne, AJAE, 2019)
 - Mechanization

 reducing labor costs, which are rising in much of Africa
 - Greater intensity of cash inputs (fertilizers, improved seed, herbicides, etc)







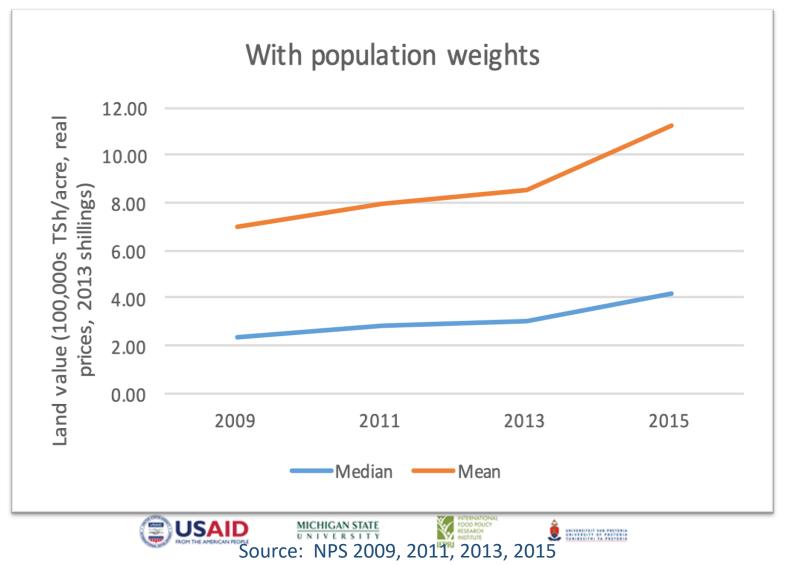








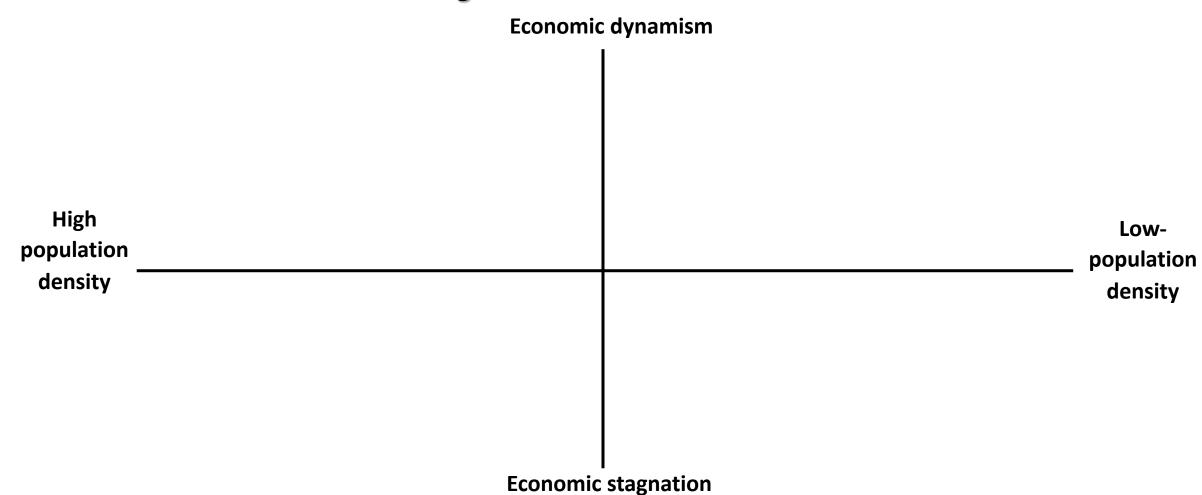
Mean land prices in Tanzania: +53.9% in real terms in 6 years







The influence of economic transformation and population density on the trajectory sustainable of agricultural transformation















The influence of economic transformation and population density on the trajectory sustainable of agricultural transformation

Economic dynamism

	Examples: Northern Ghana, most of rural Tanzania
High population	 Wages rising rapidly, land price still low Labor scarcity in agriculture Rise of labor-saving / capital-using technologies (e.g., mechanization, chemicals) Rise of large-scale farm investment featuring capital-using, labor-saving technologies population
density	density

Economic stagnation











High

population

density



The influence of economic transformation and population density on the trajectory sustainable of agricultural transformation

Economic dynamism

Examples:	Rwanda,	Nigeria,	highland	Tanzania,
southern G	ihana			

- Both wages and land prices rising rapidly
- Rising use of land-saving and labor-saving, and capital-using technologies (fertilizers, chemicals, mechanization)

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Lowpopulation density

Economic stagnation











High

population



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Lowpopulation density

density

Examples: Southern Malawi, Madagascar

- slow wage increases, labor abundance
- land scarcity
- youth outmigration
- Some potential for labor-using / landsaving ISFM











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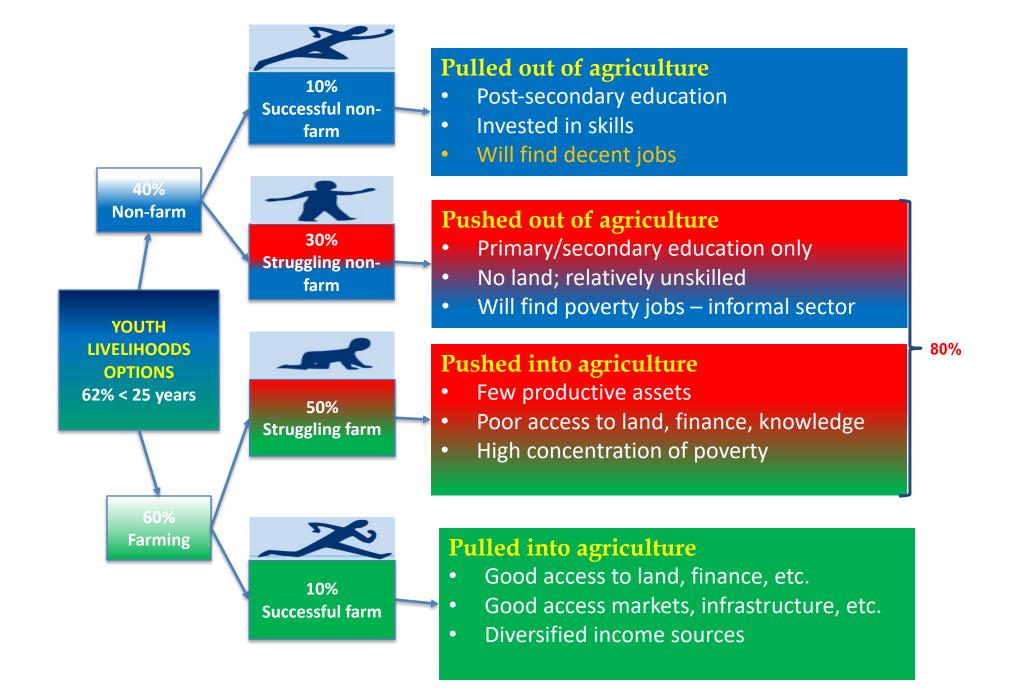
Examples: DRCongo, Zimbabwe

- Limited incentives for extensification or intensification
- Little use of ISFM
- Potential for capital-intensive land investments

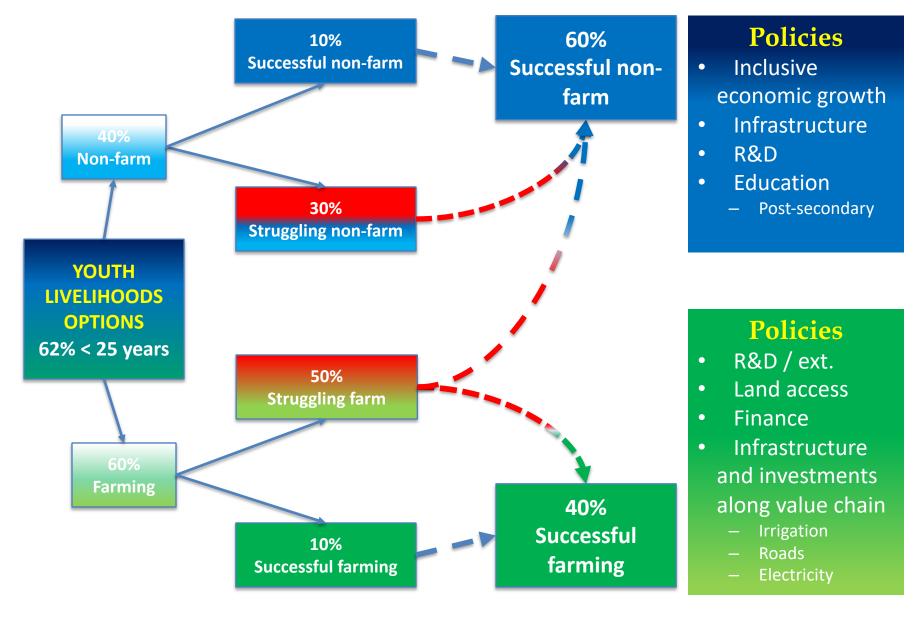








Structural transformation pathway





POLICY REFLECTION WORKSHOP

Policy implications for agricultural policy

- 1. The rise of MS farms does not invalidate the viability of a smallholder-led agricultural strategy
- 2. Maintain focus on supporting productivity of smallholder farming \rightarrow which will facilitate equitable transformation process
- 3. Except in densely populated areas, MS farms appear to be a source of productivity growth for smallholder farming
- 4. Sustainable intensification strategies will be highly location-specific, according to economic dynamism and population density













Policy implications w.r.t. land policies

- 1. Support assured tenure rights to existing users
 - Women in particular
 - Land banks?
- 2. Support land markets to allow "indigenous" rural people to be compensated for selling their land / not just losing it









