Addressing gender inequalities in Ethiopia’s agricultural sector to reduce poverty

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7th Annual Research Conference of Jimma University, March 31 –April 1, 2016
Presentation outline

• Introduction
• Conceptual framework
• Gender equalities and inequalities
• Addressing the gaps
Introduction

• Potential of agriculture to spur growth, reduce poverty and transform livelihoods.

• The sector is underperforming in many rural areas in part due to the constraints which affect the productivity of women.

• Equal access to productive resources as men could increase yields on women’s farms by 20–30% (FAO 2011)
Introduction...

• Agriculture one of the major sectors in GTP II

• Women and youth empowerment, participation and equity one of the GTP II pillar strategies
Productivity

Source: World Bank 2014
Productivity

• Effort to reduce the gender gap can be enhanced by a better understanding of which factors matter and how they matter in different contexts.
Community Capitals Framework

• ‘Capital’ is any type of resource which can be invested in to create new resources
• The stock and flow of capitals influence access to resources and benefits
• Interaction between the capitals spurs the momentum to adopt new technologies and improve livelihoods
• A holistic rather than reductionist perspective to identify actions to reduce gender inequalities
Community Capitals Framework...

Cultural capital
(culture, values, beliefs, religion)

Natural capital
(land, livestock, plants, soil water)

Social capital
(networks, norms, trust, collaboration)

Financial capital
(Credit, saving, income)

Physical/built capital
(equipment, machinery roads, water, communication)

Human capital
(skills, knowledge abilities, health, leadership, labor)

Political capital
(connections, power, voice, influence)

Sustainable agricultural intensification
Approach

• Systematic literature review (1999-2014)
• Validation of literature
  – ‘Africa Research in Sustainable Intensification for the Next Generation project’ sites
  – Basona worena (Amhara region), Lemo (SNNP region), Endamehonei (Tigray) and Baale Sinana (Oromia region); 2 kebeles per woreda
  – 16 separate FGDs with men and women
Where does gender equality and inequality exist in the Ethiopian Agricultural sector?
Natural Capital
Natural capital

• The stock of assets available in a particular location - farmland, biodiversity of plants and animals, water, soil and climate.

• Ethiopia’s diverse agro-ecological environment

• The state owns all land, with user rights allocated by local peasant associations
# Gendered Land Ownership in Ethiopia

<table>
<thead>
<tr>
<th>Authors (year published)</th>
<th>Year data collected</th>
<th>Sample size</th>
<th>Type of land surveyed</th>
<th>Indicator</th>
<th>women</th>
<th>Men</th>
<th>Joint</th>
<th>Other</th>
<th>Data source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rafasa et al. (2012)</td>
<td>2011</td>
<td>7,530 households, 31,450 plots</td>
<td>Agricultural</td>
<td>% of plots owned/managed by women/men</td>
<td>23</td>
<td>54</td>
<td>23</td>
<td>NR</td>
<td>CSA</td>
</tr>
<tr>
<td>Holden and Tefera (2008)</td>
<td>2007</td>
<td>608 households</td>
<td>Any land</td>
<td>% of men and women land owners or managers</td>
<td>37.5 before land reform</td>
<td>NR</td>
<td>NA</td>
<td>NA</td>
<td>Norwegian University of Life Sciences</td>
</tr>
<tr>
<td>Deininger et al. (2007)</td>
<td>2006</td>
<td>2,300 households</td>
<td>Any land</td>
<td>% of plots owned (certificates held)</td>
<td>11.12</td>
<td>35.68</td>
<td>51.68</td>
<td>1.52 (I don’t know)</td>
<td>Ethiopian Economic Association/ World Bank</td>
</tr>
<tr>
<td>Teklu (2005)</td>
<td>Amhara (2004)</td>
<td>1,978 landholdings</td>
<td>Any land</td>
<td>% of plots owned (privately registered land held)</td>
<td>28.9</td>
<td>32.5</td>
<td>38.6</td>
<td>NR</td>
<td>Amhara Region Natural Resource and Land Administration Bureau</td>
</tr>
</tbody>
</table>

Source: Doss et al. 2013
## Land ownership across different countries

<table>
<thead>
<tr>
<th>Country</th>
<th>Households</th>
<th>Women</th>
<th>Men</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Own any land (sole or joint)</td>
<td>Own any land (sole only)</td>
</tr>
<tr>
<td>Burundi (2010)</td>
<td>8,589</td>
<td>54</td>
<td>11</td>
</tr>
<tr>
<td>Ethiopia (2011)</td>
<td>16,693</td>
<td>50</td>
<td>12</td>
</tr>
<tr>
<td>Lesotho (2009)</td>
<td>9,385</td>
<td>38</td>
<td>7</td>
</tr>
<tr>
<td>Malawi (2010)</td>
<td>24,818</td>
<td>48</td>
<td>23</td>
</tr>
<tr>
<td>Rwanda (2010)</td>
<td>12,540</td>
<td>54</td>
<td>13</td>
</tr>
<tr>
<td>Senegal (2010–2011)</td>
<td>7,902</td>
<td>11</td>
<td>5</td>
</tr>
<tr>
<td>Tanzania (2010)</td>
<td>9,592</td>
<td>30</td>
<td>8</td>
</tr>
<tr>
<td>Uganda (2011)</td>
<td>9,029</td>
<td>39</td>
<td>14</td>
</tr>
</tbody>
</table>
• Ethiopia has comparatively gender-equitable levels of land ownership
• Gap is much smaller for jointly managed land
• % of women owning any land (sole and joint) is more than double the % of women owning land alone
• The land tenure reform
  – Increased land access and modest decision making power over land by women (Tefera 2013)
Livestock

- Men possess more livestock species than women and the average number of livestock held is greater.
- Chickens mostly raised by women.
- Female divorcees have more livestock than widowed and married women.
Human capital
Human capital

- Includes formal and informal education, health status, and leadership skills, amount and quality of labor available and the ability to command labor.

- It enables individuals to strengthen their understanding, identify promising technologies and practices, and obtain information to mobilize other resources.
Technical information and knowledge

• Ragassa 2012:
  – About 20% of female heads and 30% of male heads had been visited by an extension agent in the past 12 months
  – 46% of male heads and 34% of female heads were visited by DAs in the last five years

• Women have less access to information and knowledge attuned to their needs

• Low women involvement in all stages of research or innovation
Division of labor

- Gender division of roles and responsibilities (small vs heavy tasks)
- Nationwide it is estimated that rural women work between 13-17 hours a day, in many cases more than twice that of men.
- Women farmers have a smaller pool of household labor
- Women have to depend - to a large extent- on male labor and/or rented traction power
- Effect on decisions to adopt labor intensive practices
• Labor burden on women affects their health
• Risk of zoonotic disease transmission
• Undernutrition accounts for 28% of all child mortality (CSA, 2014).
• Micronutrient deficiencies (vitamin A, zinc and iron) are prevalent mostly amongst pregnant women and children under five.
Financial Capital
Financial capital

- Monetary resources available for investment e.g. credit, savings and income
- For monetary resources to become capital, they must be invested to create new resources
Credit

• Importance of credit to investment in agric.
• Agriculture credit requires some form of guarantee of repayment
• Low women’s access to credit
• Validation of literature:
  – there is equal opportunity to access credit by men and women
  – Men take more credit compared to women
  – Restriction in terms of the conditions for credit acquisition and objectives
Cultural capital
Cultural capital

• The way people perceive the world around them, how they live their lives, their traditions, values and language.
• Cultural capital helps to determine who is allowed to utilize specific resources within a given community
• Cultural capital helps to determine how creativity, innovation, and influence emerge and are nurtured
Gender stereotypes, norms and values

- A farmer is a ‘man’
- Preconditions for ox ownership or ‘cultivation capacity’ are observed
- Women considered weak farmers
- Women forbidden from using the plow
- Identification of a woman as a head of household
Social Capital
Social capital

• The networks, norms of reciprocity, and mutual trust that exist among and within groups and communities

• Social capital assists individuals and groups to secure access to the resources that they need for developing their livelihoods
Membership to cooperatives and groups

• Membership in cooperatives
  – 20% women membership in cooperatives
  – 18% in management positions
  – Membership of women HH higher than married women

• Membership in informal groups
  – more women participation in Wobera and Idri groups
Social capital...

• Effect on bonding, bridging and linking social capital
Physical capital
Physical capital

- Includes infrastructure that supports other capitals such as processing equipment, roads, health centers, water systems, and electronic communication
- Reduces the cost of production
Rural Infrastructure

- women serve as ‘living infrastructure’ carrying out reproductive and productive roles without labor saving technologies.

- Availability of good roads enhances access to markets by both men and women.
Rural infrastructure...

- Mechanization increases labor efficiency and effectiveness
- Irrigation systems
- Limited literature on infrastructural factors
Political capital
• Political capital is based on organizations, connections, voice, power and ability to influence the way resources are distributed.
• In Ethiopia, the household head, regardless of their gender, enjoys almost all decision-making power.

• Despite overwhelmingly joint ownership, the right to sell livestock and keep the proceeds is the sole prerogative of the household head.
• Women control income generated from dairy products such as milk, butter and cheese.

• Improvement in land related decision making and asset control amongst women not accompanied with control of self-earned income and political participation.
Enabling environment

• Agricultural development a top priority issue of the Ethiopian government (GTP II).
• Gender equity one of the main pillars
• Substantial investment made in road infrastructure and agric. extension services
• Improvement in farmers’ access to technologies with potential to narrow the yield gap
Limited gender capacity of development and research staff

Gender analysis and strategic planning
Innovation in gender responsive approaches
Gender and leadership
Effective partnerships and advocacy on promoting gender equality
Gender responsive programming, budgeting, and implementation
Knowledge management and gender responsive M&E

Core Gender Capacities-Organizational  Core Gender Capacities-Individual
Way forward to address gender gaps

• Enhance gender capacity of staff doing research and development
• Develop and mobilize women and men’s social capital
• Disaggregate data beyond household headship - men and women
• Conduct gender analysis to inform policy, research and extension
• Invest in research and education systems capable of integrating information from multiple sectors
References


• World Bank (2014) *levelling the Field. Improving opportunities for women farmers in Africa*. The World Bank
Acknowledgements

This work is financed by
Africa Research in Sustainable Intensification for the
Next Generation (Africa RISING)

It is implemented in a partnership with
CGIAR centers, NARS, EIAR, Universities, NGOs,
Extension, private sector.

It contributes to the CGIAR Research Program on
Humidtropics
Acknowledgements

• Photo credits
  • Apollo Habtamu (ILR)
  • Kindu Mekonnen (ILRI)
  • Annet Abenakyo Mulema

• Cheryl Doss (Yale University) for her reviews
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better lives through livestock

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