

TRANSFORMING AGRICULTURE IN AFRICA
AGROECOLOGY and ORGANIC TRADE



Reducing Synthetic Pesticides and Fertilizers

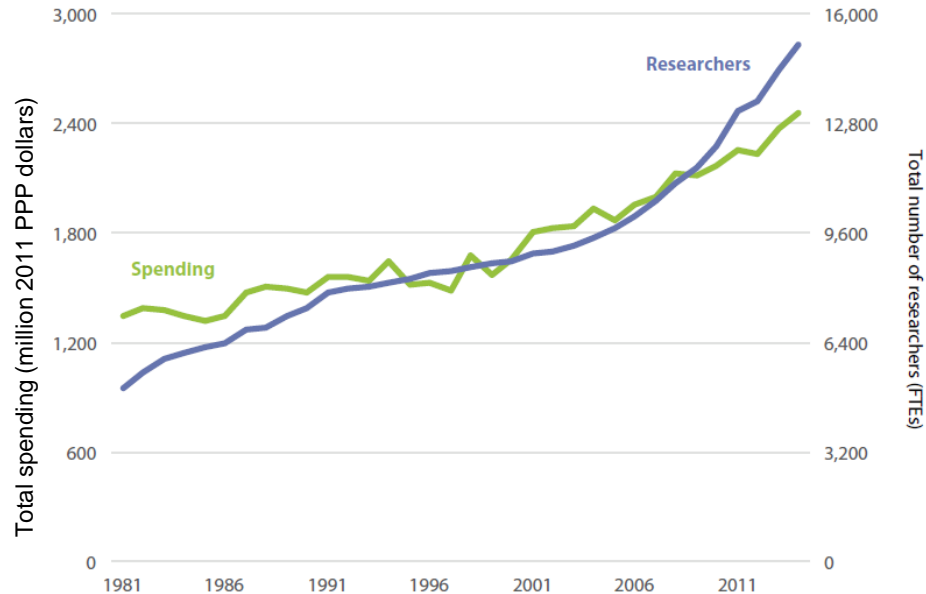
Investment in Agricultural Research for Development: What Role for Agroecology?

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Introduction

SSA's agricultural research spending and agricultural researchers



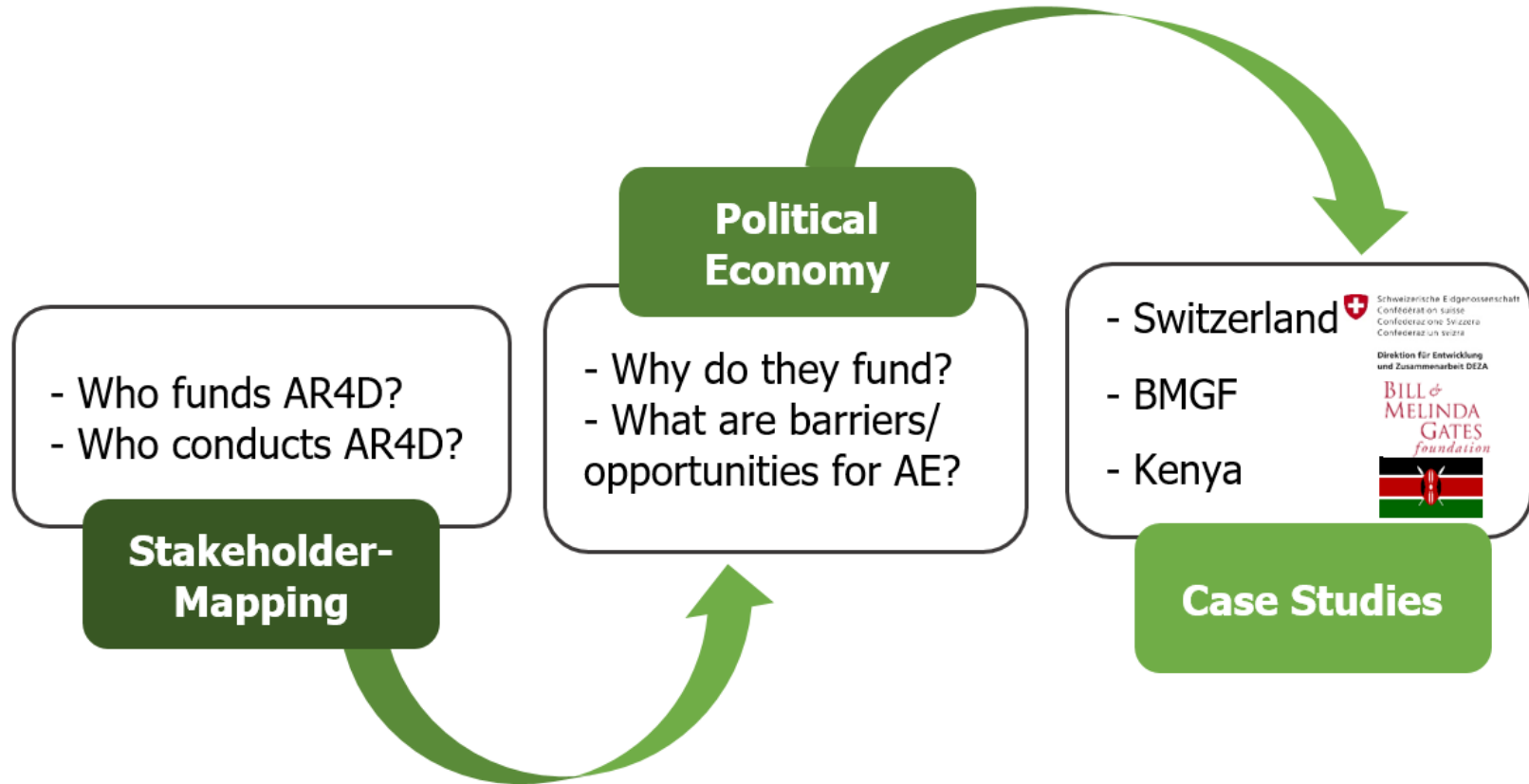
- Agricultural R&D investments across the African continent are currently inadequate and under-funded
- Specialized research, focusing solely on increasing production, do not tackle the root causes of present interconnected challenges such as natural resources loss, marginalization of smallholder farmers or climate change



Purpose of the Study

- “A4A – Advocacy for Agroecology” implemented by Biovision and IPES-Food
- **Goal:** Strengthen integrated and systemic research on agroecology by assessing the current situation of research investments for Sub-Saharan Africa
- **Three case studies** have been selected to cover various aspects of research investments and actors of the agricultural research systems

Content of the Study



Content of the Study (Cont...)

Key Questions:

- How much money and what proportion of the agricultural budget is currently invested in AgR4D targeting Sub-Saharan Africa that promotes agroecology?
- What are the obstacles and opportunities for securing greater investments in research into agroecological solutions?

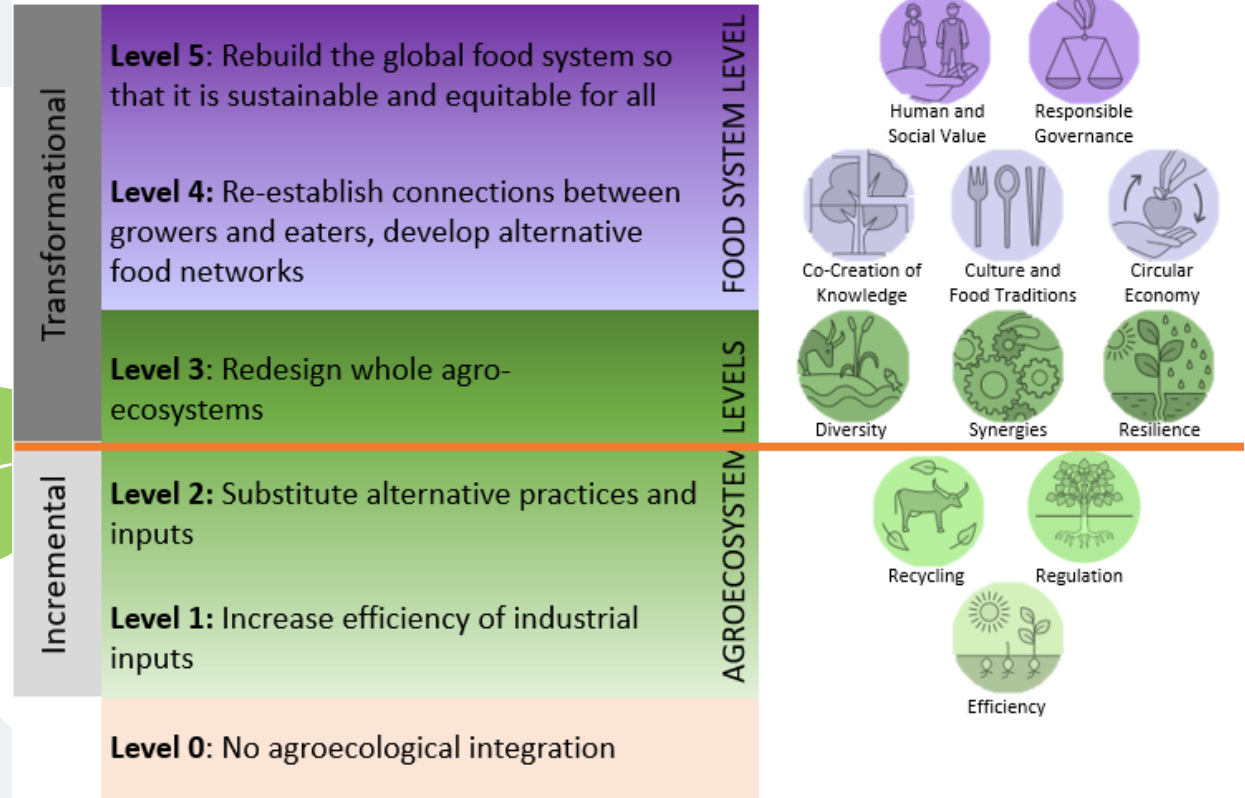




Methodology

- Assessment of agriculture research projects:
 - assessment grid was developed to analyse how a particular research project/programme contributes to the various principles of agroecology.
 - based on the analytical framework by Gliessman on the **5 levels of food system change** and the **10 elements of agroecology** by FAO.

Methodology (Cont....)



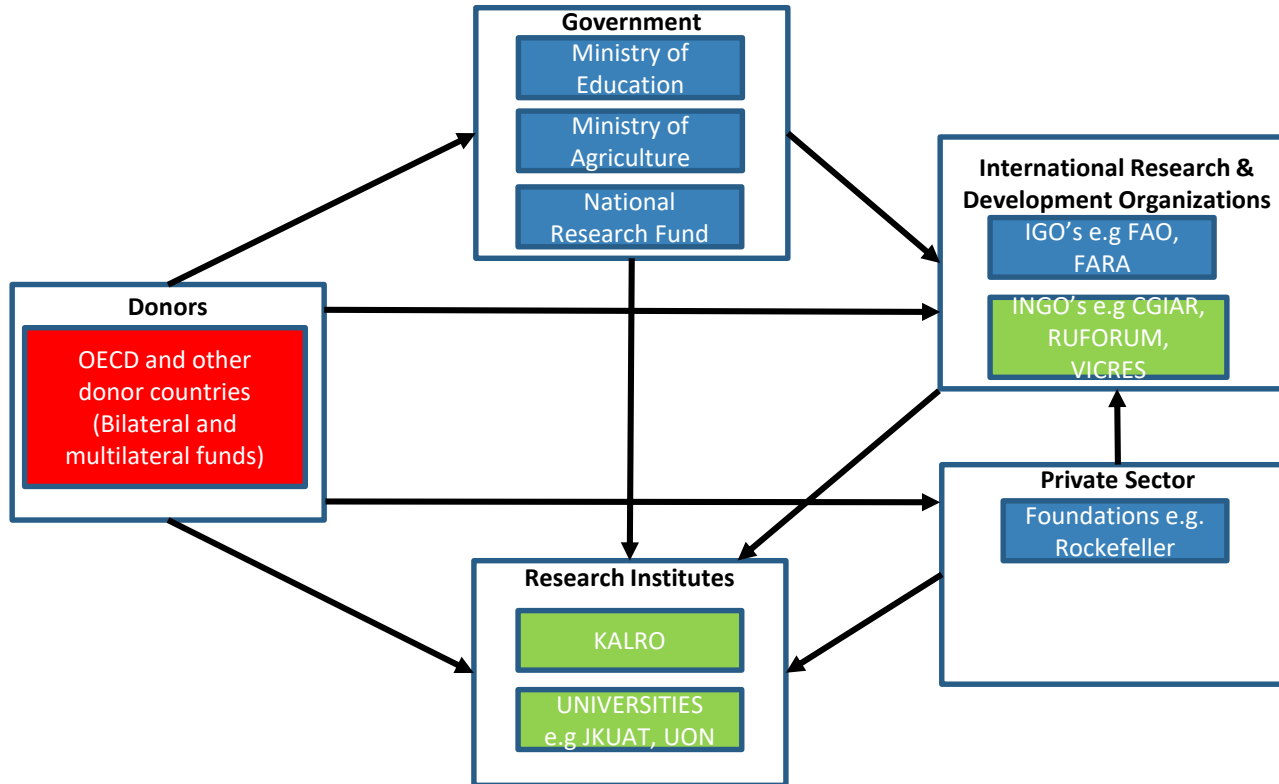


Methodology (Cont....)

- **Political Economy analysis:** analyse decision making behind research investments
- **Political economy** focuses on:
 - a. analysis of priority setting and decision making in investment flows in the AR4D system based on a **political economy framework** developed by Institute of Development Studies (IDS)
 - b. conduct **key informant interviews** with various stakeholders to find out “what their position and leverages are regarding the strengthening of agroecological research”

Preliminary Results Kenya (Cont.)

Stakeholder Map



Preliminary Results Kenya

Donor side



- Bilateral funding
OECD countries: >15mio\$ (79project)
- Multilateral funding
WB, GEF, EU: >10mio\$ (>30projects)
AfDB, IFAD: missing
- Private foundations
BMGF: 15mio\$ (63 projects)
- National funding
National Research Fund: 9,7mio\$ (77 projects)

Recipient side

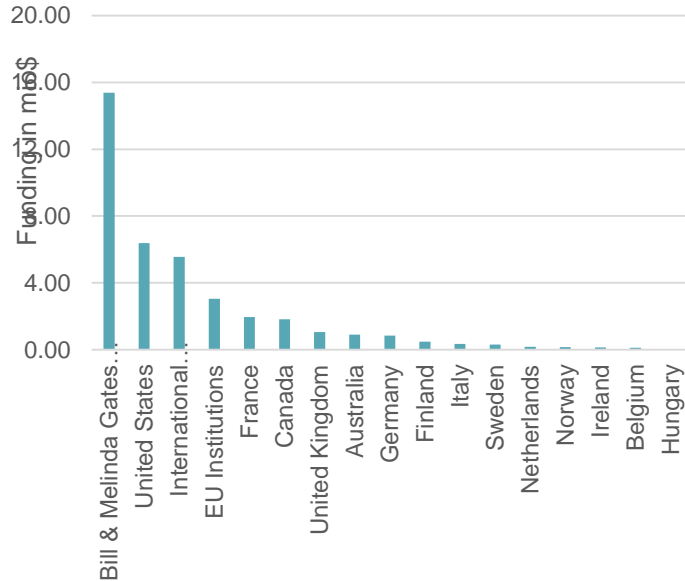


- NARS
KALRO: 31 Livestock projects + xx
Crops projects
- Universities
JKUAT: 25 projects
- International Organizations
CABI: 22 projects

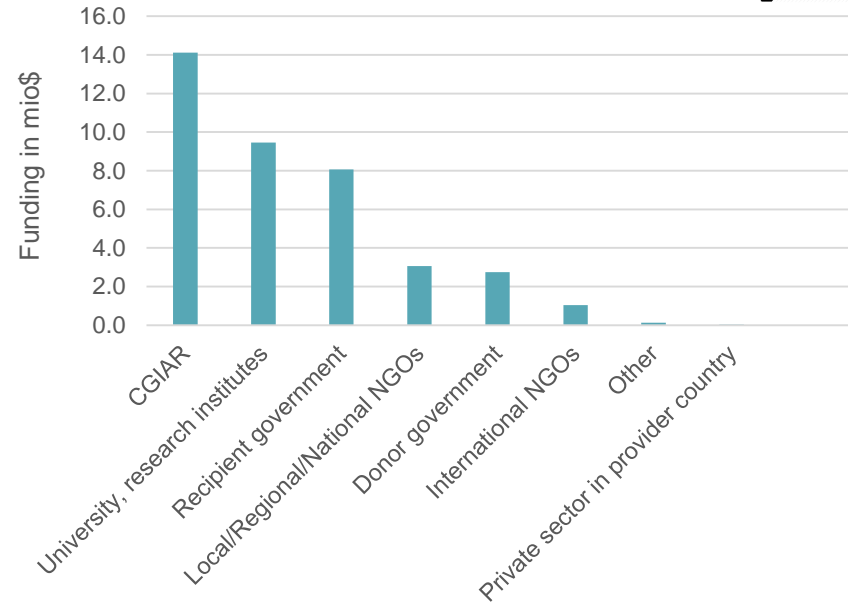
Preliminary Results Kenya (Cont.)

Bilateral contribution (OECD countries): 17mio\$ / 83projects
Philanthropic (Gates Foundation): 15mio\$ / 63projects

Top Donors

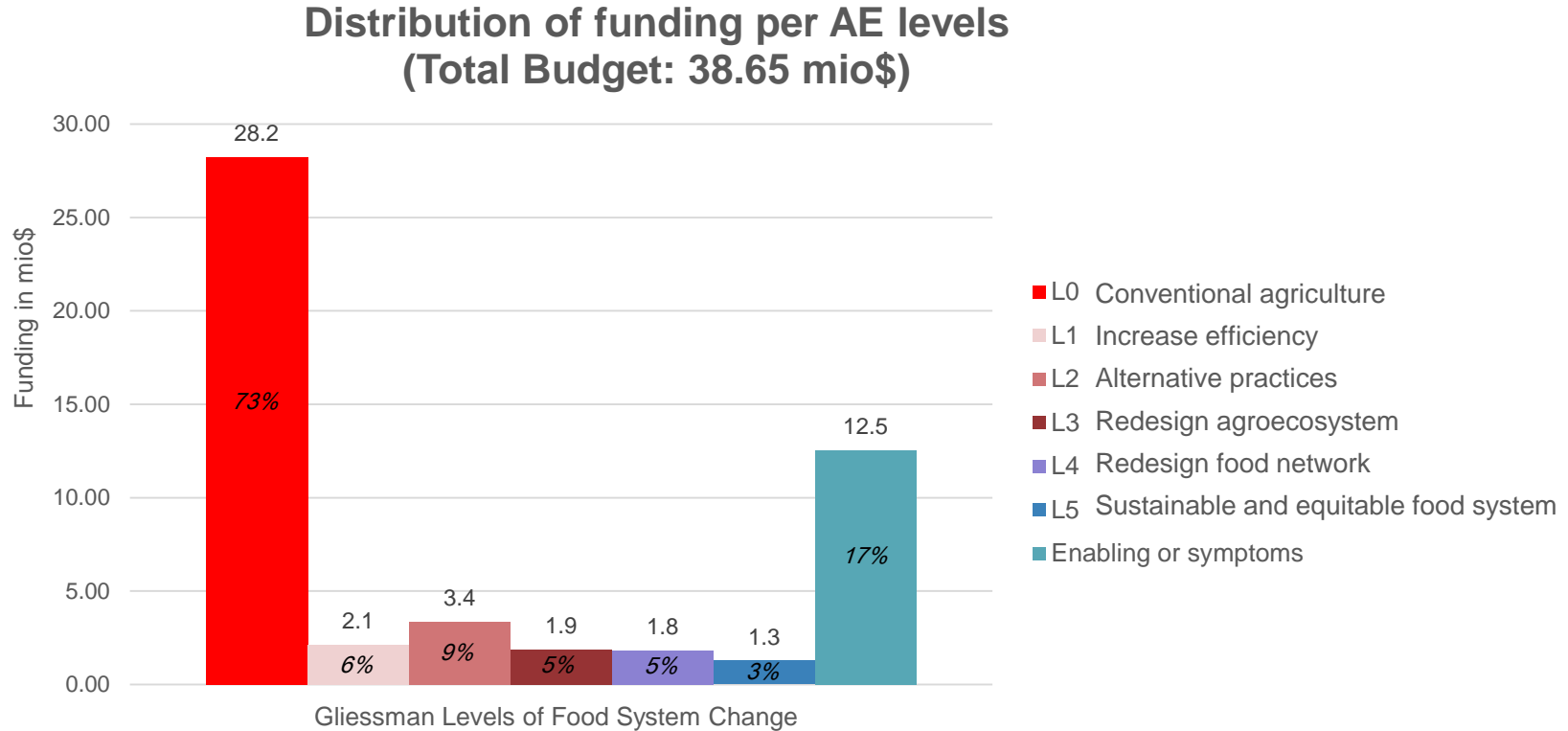


Recipient types



Source: OECD dataset for 2015-2018

Preliminary Results Kenya (Cont.)





Main trends

- Small support to agroecological research from bilateral funders
 - Similar to UK aid and USDA (Pimbert et al. 2018; Delonge et al. 2016)
- Dependence from external donors for Agri research agenda
- Growing contribution of private philanthropy to Agri Research for Development
- Decision-making process: institutional and ideological lock-ins



Next steps


- Finalize data collection from key stakeholders in Kenya and from the other case studies
- Conduct interviews with stakeholders to identify current blockages and windows for agroecological research
- Dissemination phase with key actors

Thanks!

ANY QUESTIONS?

You can find me at

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