## FTA HIGHLIGHTS OF A DECADE 2011-2011



10 YEARS OF FTA RESEARCH FOR PEOPLE AND THE PLANET

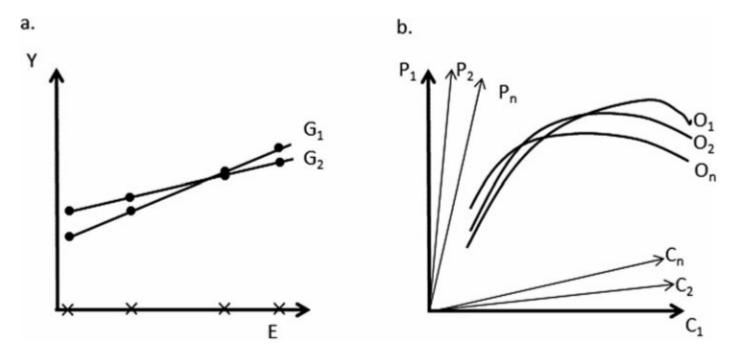
Improving Rural Livelihoods through Supporting Local Innovation at Scale

Fergus Sinclair

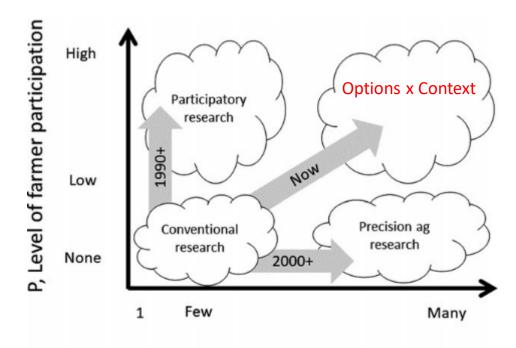


## **Options by Context**

Sinclair F., and Coe, R. (2019). <u>The options by context</u> <u>approach: a paradigm shift in agronomy</u>. *Experimental Agriculture* 55 (S1), 1-13.



Coe, R., Sinclair, F. and Barrios, E. (2014). <u>Scaling up agroforestry requires research 'in' rather than 'for' development</u>. *Current Opinion in Environmental Sustainability* **6**:73–77



N, number of contexts or participants

## Three steps to living beyond our means

- 1. Diverse and inclusive options
- **2. Planned comparisons** embedded in development programmes
- **3. Tools** that match options to

contexts



## **Impact**

Profound change in policy and practice in Governments and NGOs. More diverse and inclusive agroforestry adopted in 14 countries across three continents impact food

security, farm income and environmental resilience

Asia

### west

**Africa** 

east

Crossland, M., A. M. Paez Valencia, T. Pagella, C. Magaju, E. Kiura, L. Winowiecki and F. Sinclair 2021. Onto the farm, into the home: how intrahousehold gender dynamics shape land restoration in eastern Kenya. *Ecological Restoration* **39** (1&2): 90-107. https://muse.jhu.edu/article/793663



CUIDE TECHNIQUE D'ACROFORESTERIE
POURLA SELECTION FILA GESTION
DES ARBRES AU NORD-KIVU

Republique Edmocratique de Geogo (REC)





Minister of Agriculture in Ethiopia – national strategy; tree tomato and climbing beans Rwanda; restoration options Kenya

### Latin America





OxC implemented national agroforestry policy in Peru. Restoration in Brazil uses OxC across the Cerrado and Caatinga ecoregions.

Provincial policy in NW Vietnam changed to create incentives for farmers to adopt agroforestry in response to OxC trials. Exemplar landscapes.

Farmer managed natural regeneration across the Sahel – Mali, Niger, Senegal, Ghana

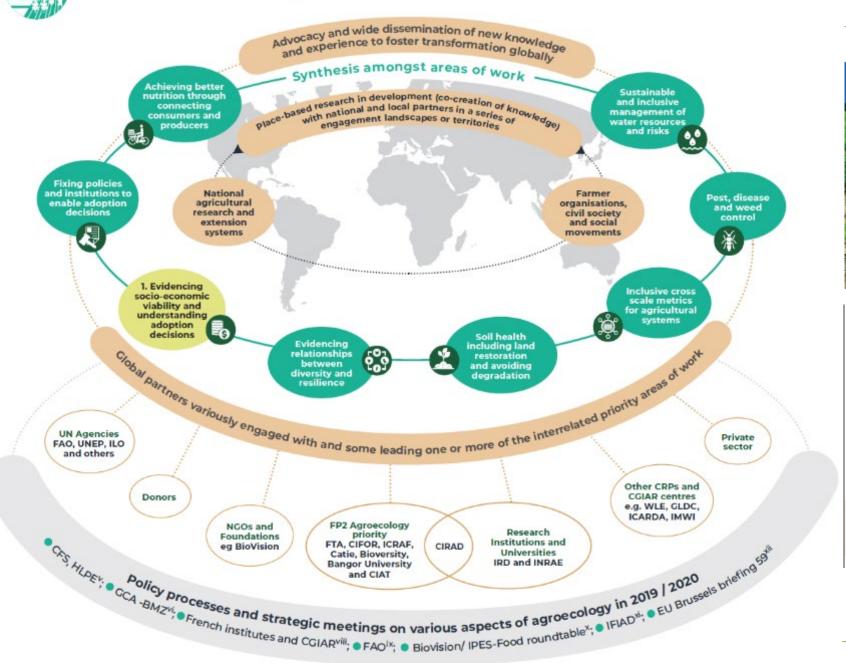
Derero, A., Coe, R., Muthuri, C., Hadgu, K.M. and Sinclair F. (2020). Farmer-led approaches to increasing tree diversity in fields and farmed landscapes in Ethiopia. *Agroforestry Systems* (2020). https://doi.org/10.1007/s10457-020-00520-7





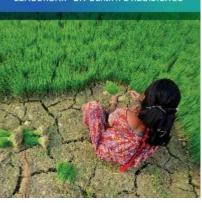


### Transformative Partnership Platform on agroecological approaches to building resilience of livelihoods and landscapes https://www.foreststreesagroforestry.org/wp-content/uploads/pdf/TPP-Agroecological-approaches-to-building-resilience-of-livelihoods-and-landscapes.pdf





### ADAPT NOW: A GLOBAL CALL FOR LEADERSHIP ON CLIMATE RESILIENCE



BACKGROUND PAPER







### Executive Summary

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# ansformationa

## cremental

## Principles and transition levels

### LEVEL 5

Build a new global food system based on participation, localness, fairness and justice

### LEVEL 4

Reconnect consumers and producers through the development of alternative food networks

### LEVEL 3

Redesign agroecosystems

### LEVEL 2

Substitute conventional inputs and practices with agroecological alternatives groecosystem

### LEVEL 1

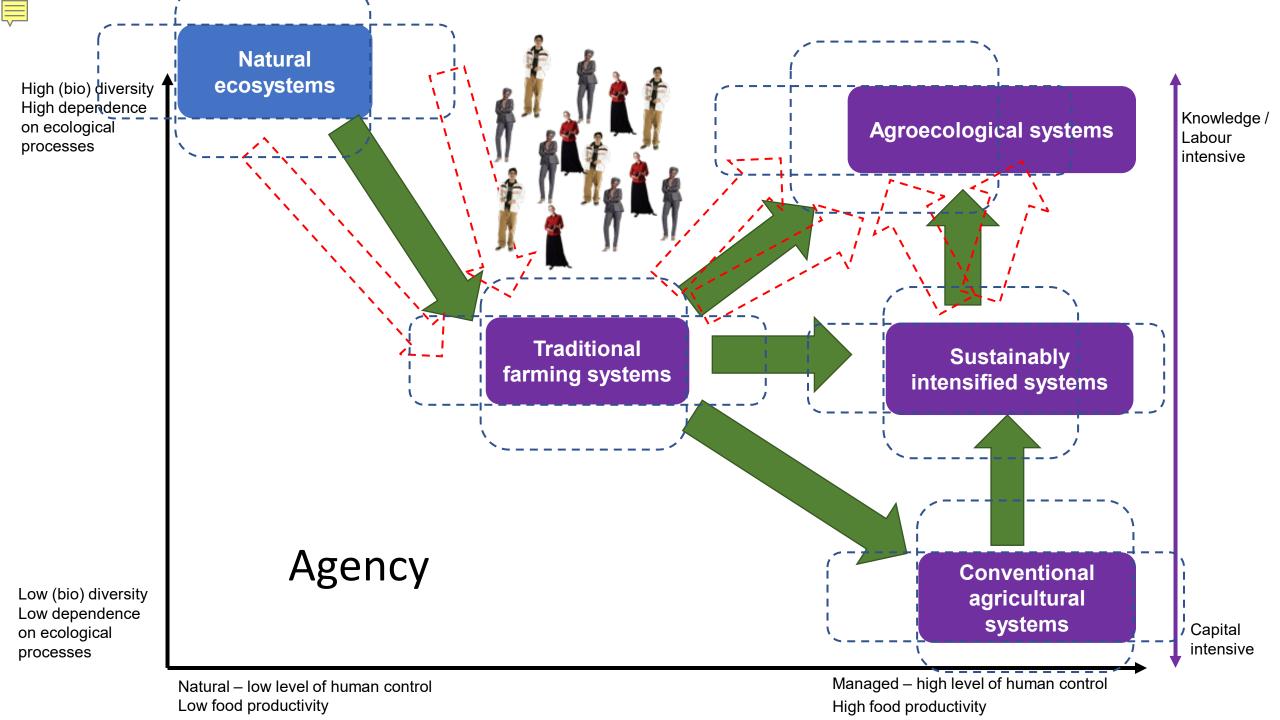
Increase efficiency of input use and reduce use of costly, scarce or environmentally damaging inputs

PARTICIPATION LAND AND **FAIRNESS** NATURAL RESOURCE GOVERNANCE SOCIAL VALUES AND DIETS CONNECTIVITY **CO-CREATION** OF KNOWLEDGE **ECONOMIC** DIVERSIFICATION RECYCLING SYNERGY ANIMAL BIODIVERSITY **HEALTH** SOIL INPUT HEATH REDUCTION

**FAO Elements** – rich concepts mutliple interpretations, good to define entry points

**HLPE Principles** – explicit, normative and causative statements to guide decisions and action

Wezel A, Gemmill Herren B, Bezner Kerr R, Barrios E, Gonçalves ALR and Sinclair F (2020). Agroecological principles and elements and their implications for transitioning to sustainable food systems. A review. *Agronomy for Sustainable Development* 40: 40 13pp. <a href="https://doi.org/10.1007/s13593-020-00646-z">https://doi.org/10.1007/s13593-020-00646-z</a>



**HLPE (2019) agroecology report** adoped at CFS46 start of policy convergence process.

Transformative partnership platform

(TPP) on agroecology formed

**Paper on HLPE principles** and FAO elements published

**Critique of HLPE report** consultation process published

**UNEA5** build back better and greener with agroecology event, TPP GLFx web platform goes live

**IFAD highlight HLPE** 

agroecology report as

key reference to achieve

**SDGs** (33.48-33.26)

CFS48 adopt policy recommendations, **TPP launched with presidential** announcement of Sri Lankan national agroecological transition.

> Wind of change ...

Call for UNFSS to adopt HLPE principles signed by >800 organisations and incividuals

Agroecology-conducive policies event engages policy makers, position paper put out for open consultation

**EU-INTPA** webinars on metrics and agrocological transitions

Pressure from member states yields UNFSS presummit plenary session on agroecology, parallel session highly acclaimed

> TPP event on Agroecological control of fall army worm

Million voices citizen science initiative launched at UNFSS

Coalition to transform food systems through agroecology strongest outcome from UNFSS (>25 countries, >30 organisations)

**OneCGIAR select agroecology** 

initiative for proposal

development



## Key messages

- Do research IN development (co-creation)
- Match options to context (address complexity)
- Gender transformative (change outcomes)
- Apply generic agroecological principles locally
- Diversity of practice resilience
- Multiple transition pathways scale
- Convene partnerships rather than compete















