

Regional multi-actor research network on agroecology in East Africa (RMRN-EA)

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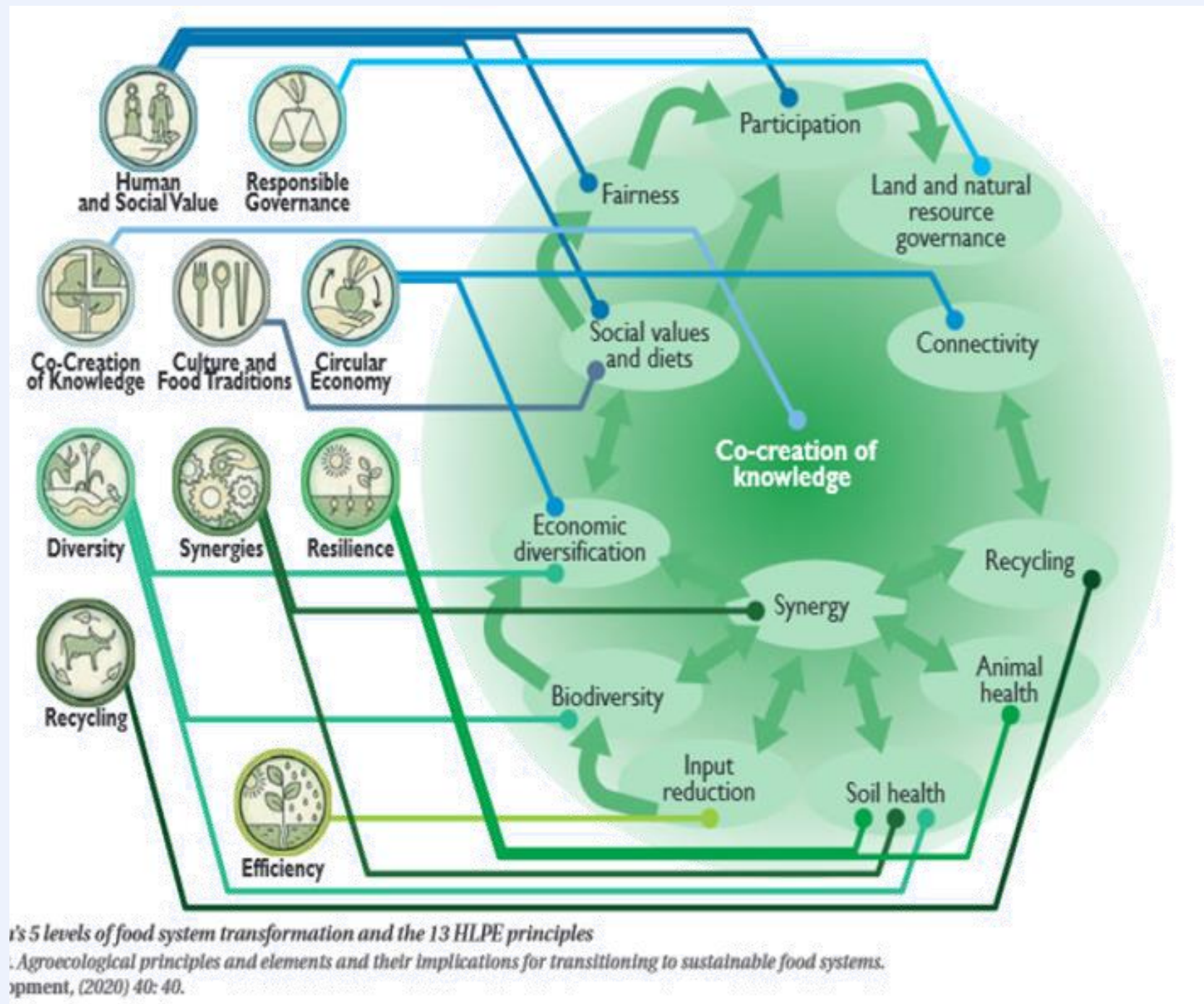
***Boosting agrifood research and innovation
cooperation for impact at scale***

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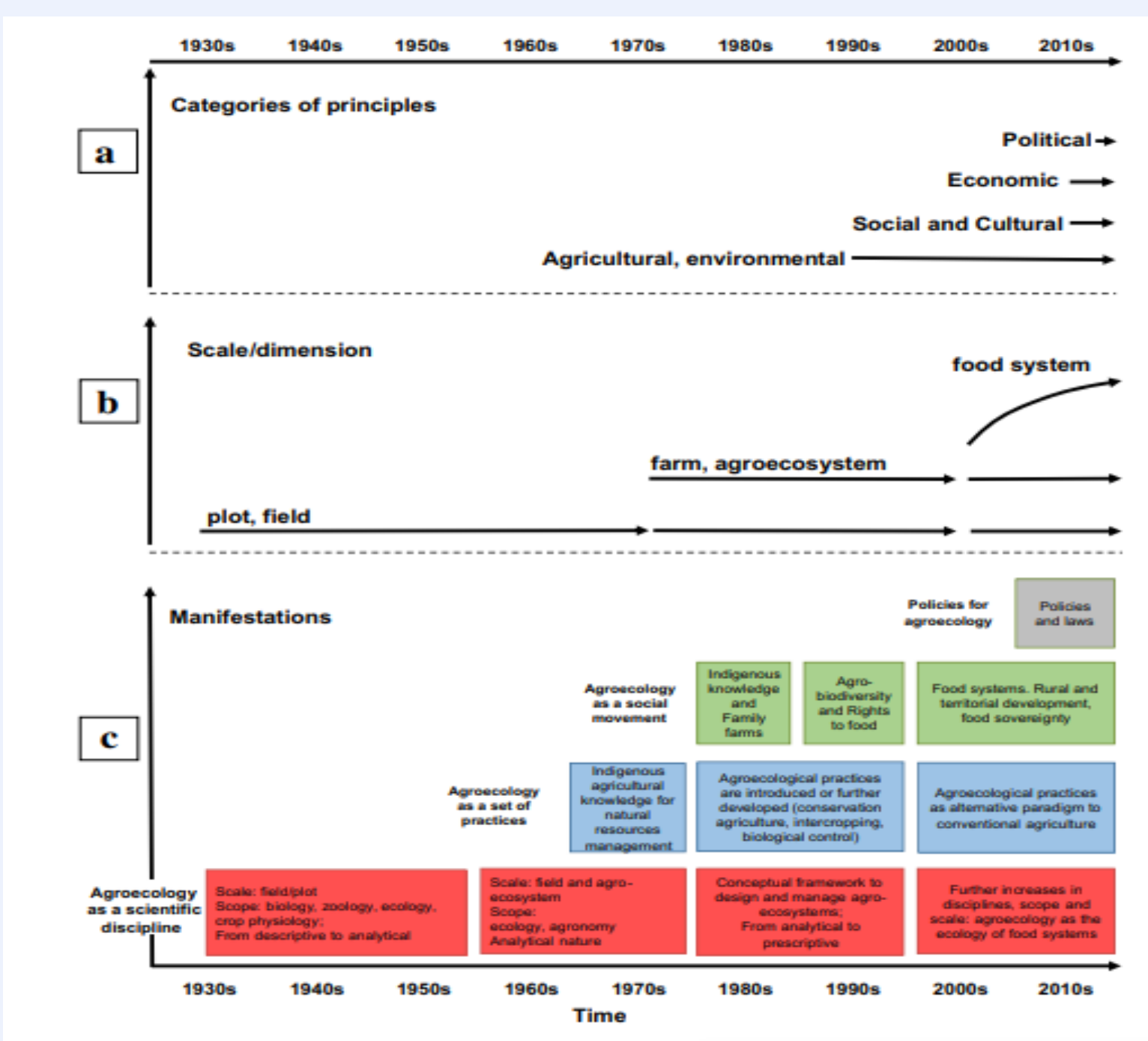


agroecology



FAO 2018: 10 elements

High Level of Experts of UN Committee on World Food Security (HLPE 2019): 13 principles



Agroecology for Sustainable Development (2020) 40: 40
<https://doi.org/10.1007/s13593-020-00646-z>

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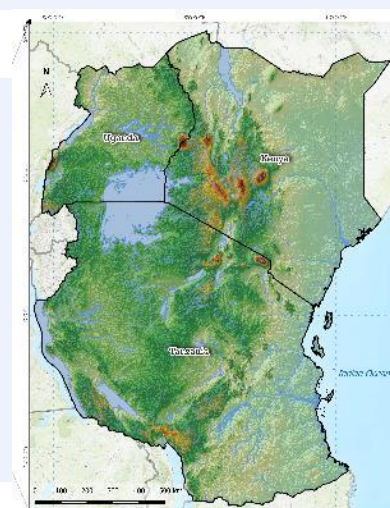
Agroecological principles and elements and their implications for transitioning to sustainable food systems. A review

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RMRN-EA

to contribute to a **sustainable agri-food system transition based on agroecological principles and practices in sub-Saharan Africa** through the **establishment and operationalisation of a regional multi-actor research network for agroecology in East Africa (RMRN-EA)**

duration: 1 Dec 2024 – 30 Nov 2028
countries: Kenya, Tanzania, Uganda
budget: 5,030,000 EURO



- applicants: *icipe* | NARO, Makerere University | KALRO, UoN | TARI, SUA | CIRAD
- contracts: BvAT, IITA, Alliance of Bioversity International and CIAT (ABC), CIFOR-ICRAF, East African Science and Technology Commission (EASTECO)
- develop and implement **curricula on agroecology**
- strengthen the **capacities of research organizations**
- participatory **validation and scaling** of agroecological innovations
- implement **networks**

objective 1: curricula on agroecology

curricula on agroecology developed, validated and accredited with universities

3 curricula on agroecology developed, validated and accredited with universities

stakeholder meetings conducted for sensitization, promotion, review and adaption of curricula on agroecology

6 stakeholder meetings conducted for sensitization, promotion, review and adoption of curricula on agroecology

agroecology curricula in selected target countries in East Africa adopted

3 curricula on agroecology adopted by universities

60 students (30% F) enrolled in agroecology



University of Nairobi



objective 2: capacities of NARES

capacity and knowledge enhanced of scientists on agroecological principles, research and benefits

120 scientists (30% F) trained on agroecology

agroecology knowledge management systems developed and supported for scientists

1 database and knowledge exchange hub

capacity and knowledge of research organizations to produce, collect, access, process and share data/information strengthened

6 NARS publications on agroecology

9 agroecological practices/ technologies promoted by NARS: 9

50% of NARS scientists demonstrate increased knowledge and understanding of agroecological principles



objective 3: validation and scaling

best-bet agroecological innovations scaled in innovation hubs through farmer organizations

12,000 farmers (30% women) trained on agroecological innovations
9 agroecological innovation hubs/learning sites

research capacity on agroecological intensification of MSc and PhD students enhanced

6 MSc students (50% F) trained
3 PhD students (50% F) trained

agroecological innovations used by farmers based on scientific knowledge and evidence

60,000 farmers (30% F) adopting best-bet contextualized agroecological bundles

4 publications on socio-economic and environmental impacts of agroecological innovations

20 publications produced by students on agroecology



objective 4: implement networks

regional networks on agroecological principles, practices and experiences established and operationalized

1 regional agroecology policy working group

3,000 practitioners, scientists, policymakers, private sector and farmers networked

1 partnership platform for research and training

policy engagement and advocacy on agroecology conducted

6 policy documents created and disseminated to inform national and regional agroecological policies

3 media campaigns on agroecology conducted

gender-inclusive RMRN-EA on agroecology functional and active

1,000,000 practitioners, scientists, policymakers and farmer representatives (30% F) with changed public awareness and attitudes towards agroecology

3 policies on agroecology informed due to project recommendations



Thank you!

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