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Agroecology: Fostering improved access to land and natural resources

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Food and Agriculture Organization
of the United Nations

Agroecology: Fostering improved access to land and natural resources

Edmundo Barrios

Soil Health Agricultural Officer, FAO



20-22 May 2019

Le Corum Conference Centre
Montpellier, France



Food and Agriculture Organization
of the United Nations

Agroecology: Fostering improved access to land and natural resources

With contributions from Gora Ndiaye, Allison Loconto and Rémi Cluset



20-22 May 2019

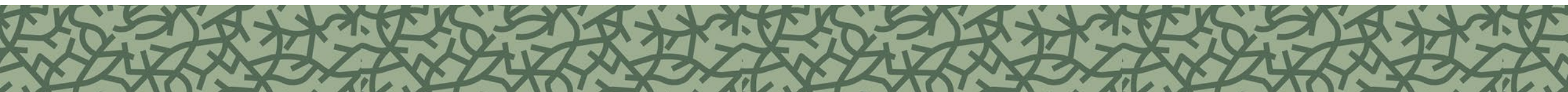
Le Corum Conference Centre
Montpellier, France



Food and Agriculture Organization
of the United Nations

Access to land and natural resources

The majority of the world's rural poor and vulnerable populations heavily rely on terrestrial and aquatic biodiversity and ecosystem services for their livelihoods, yet **lack secure access** to these resources.





Agroecology

- Agroecology is an integrated approach that simultaneously applies **ecological and social** concepts and principles to the design and management of food and agricultural systems.
- Agroecology seeks to transform food and agricultural systems, addressing the root causes of problems in an integrated way and providing **holistic** and **long-term** solutions.
- Agroecology calls for **responsible** and effective governance to support the transition to sustainable food and agricultural systems.



The 10 Elements of Agroecology



DIVERSITY



CO-CREATION AND
SHARING KNOWLEDGE



SYNERGIES



EFFICIENCY



RECYCLING



RESILIENCE



HUMAN AND
SOCIAL VALUES



CULTURE AND
FOOD TRADITIONS



RESPONSIBLE
GOVERNANCE



CIRCULAR AND
SOLIDARITY ECONOMY





Food and Agriculture Organization
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Food and Agriculture
Organization of the
United Nations

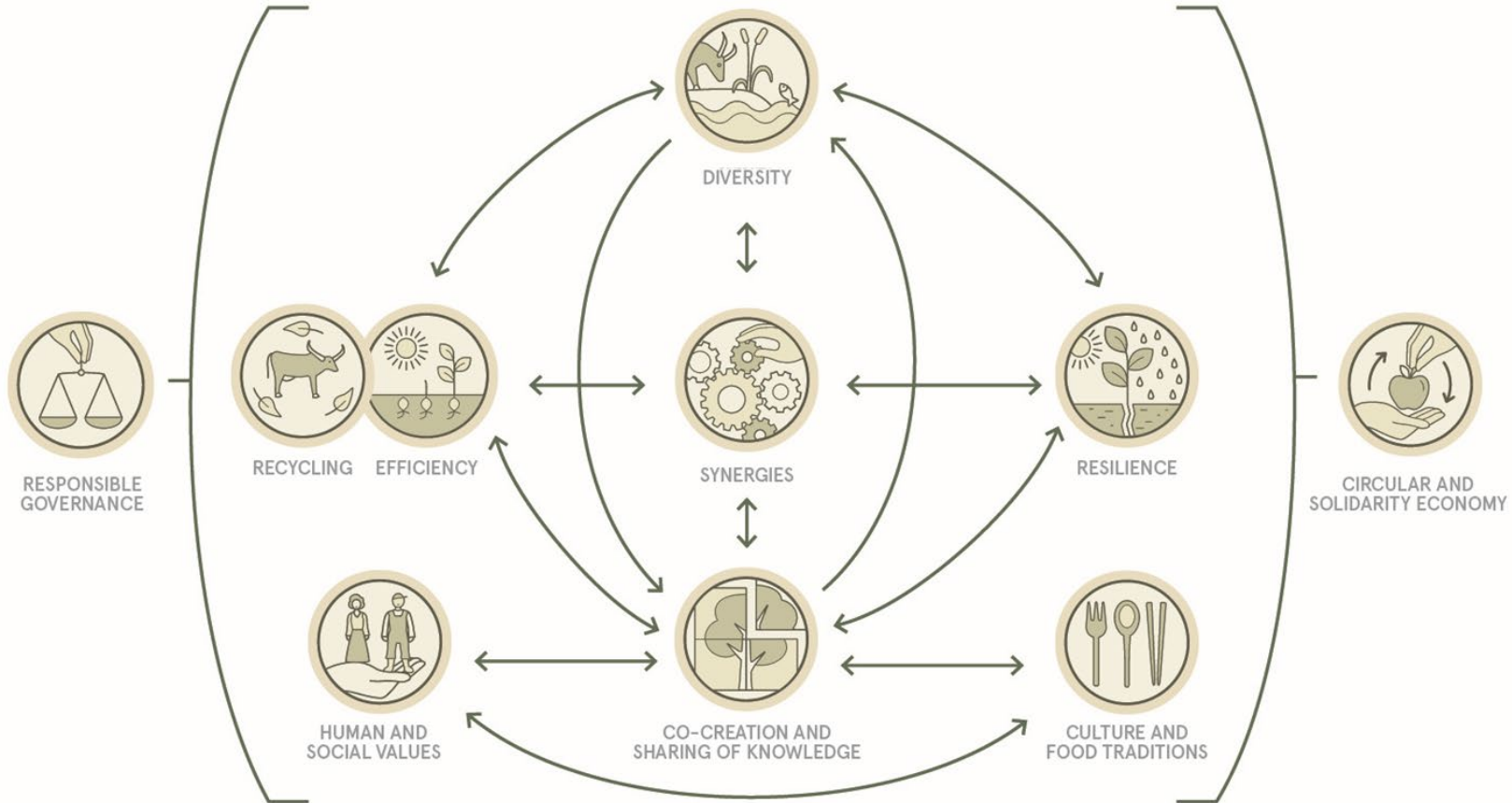
THE 10 ELEMENTS OF AGROECOLOGY

GUIDING THE TRANSITION
TO SUSTAINABLE FOOD AND
AGRICULTURAL SYSTEMS

The 10 Elements of Agroecology framework identifies important **components**, **principles** and **properties** of agroecological systems, as well as developing an **enabling environment** for agroecology, and helps guiding policymakers, practitioners and stakeholders to operationalize agroecology.



The 10 Elements of Agroecology





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The Kaydara Agroecology School Farm

Fimela municipality, Fatick Dpt - Senegal





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The Kaydara Agroecology School Farm

Fimela municipality, Fatick Dpt - Senegal

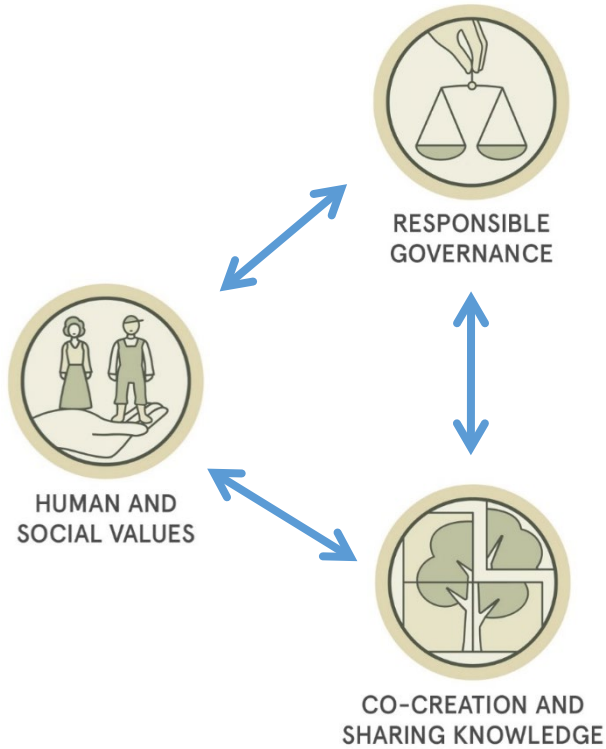


Location of the Saloum Delta
and the Kaydara Agroecology School Farm





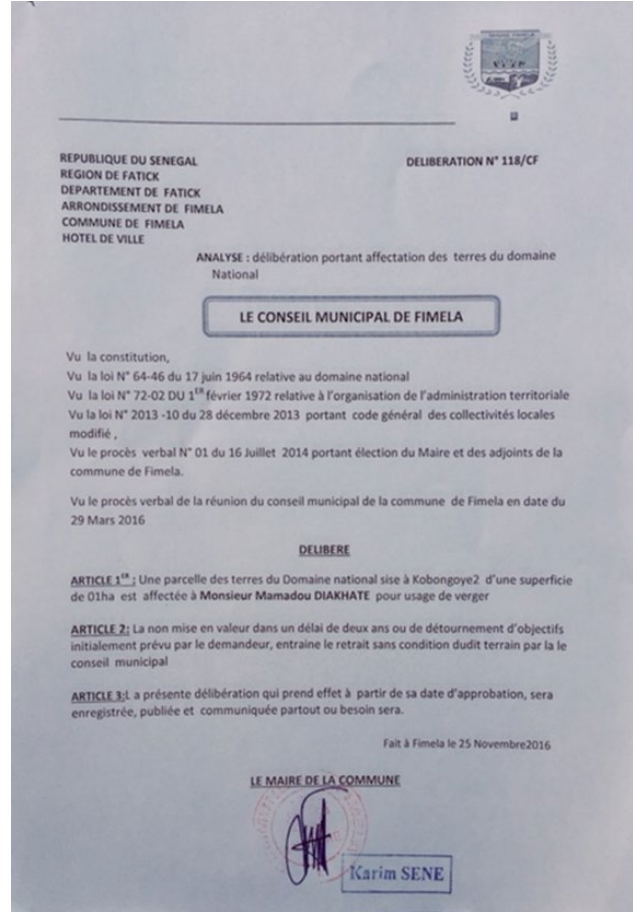
INNOVATIVE GOVERNANCE/EDUCATION PARTNERSHIP



Karim Sene
Mayor of Fimela



Gora Ndiaye
Director Kaydara
Agroecology School



- Land titles to Kaydara graduates
- 1ha municipal land
- Lifetime use if respecting agroecology
- Cannot sell the land
- Installation package

27 farms created since 2016

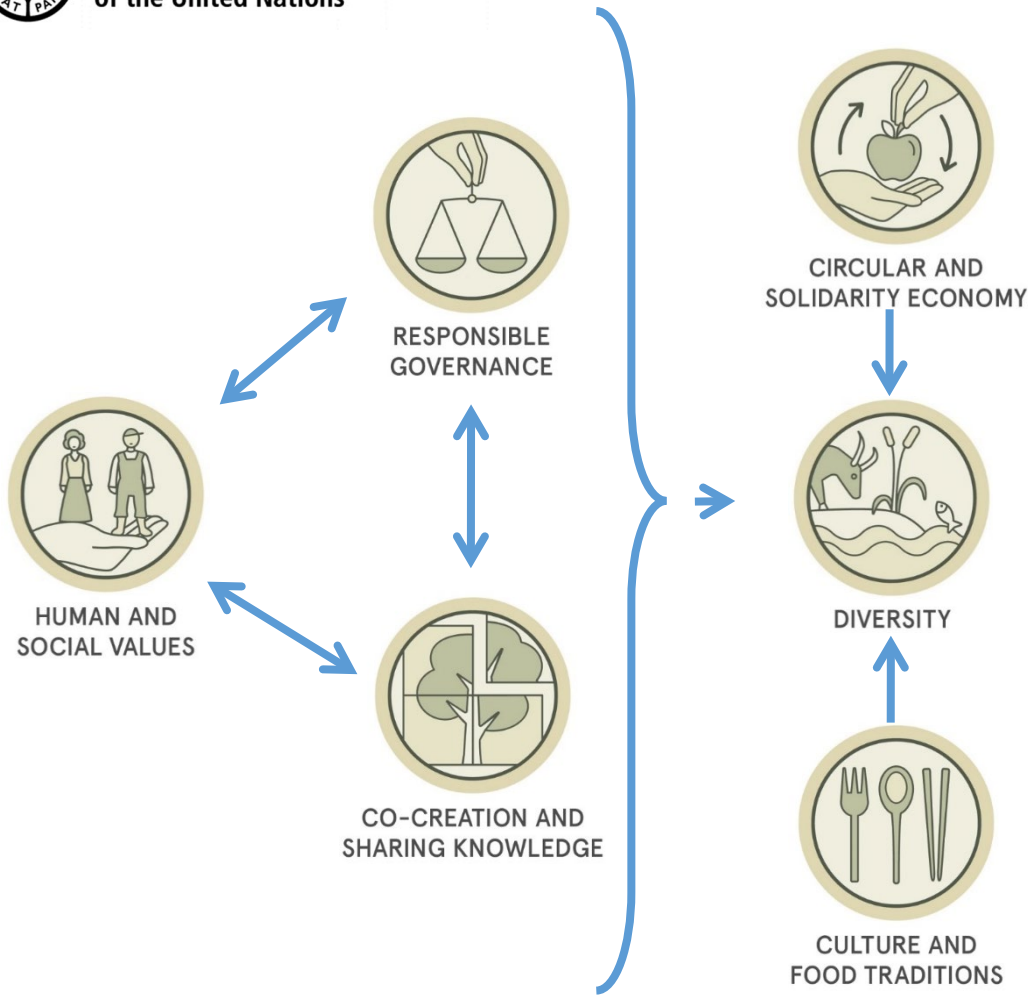
Agroecological transition to SFA





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INNOVATIVE GOVERNANCE/EDUCATION PARTNERSHIP

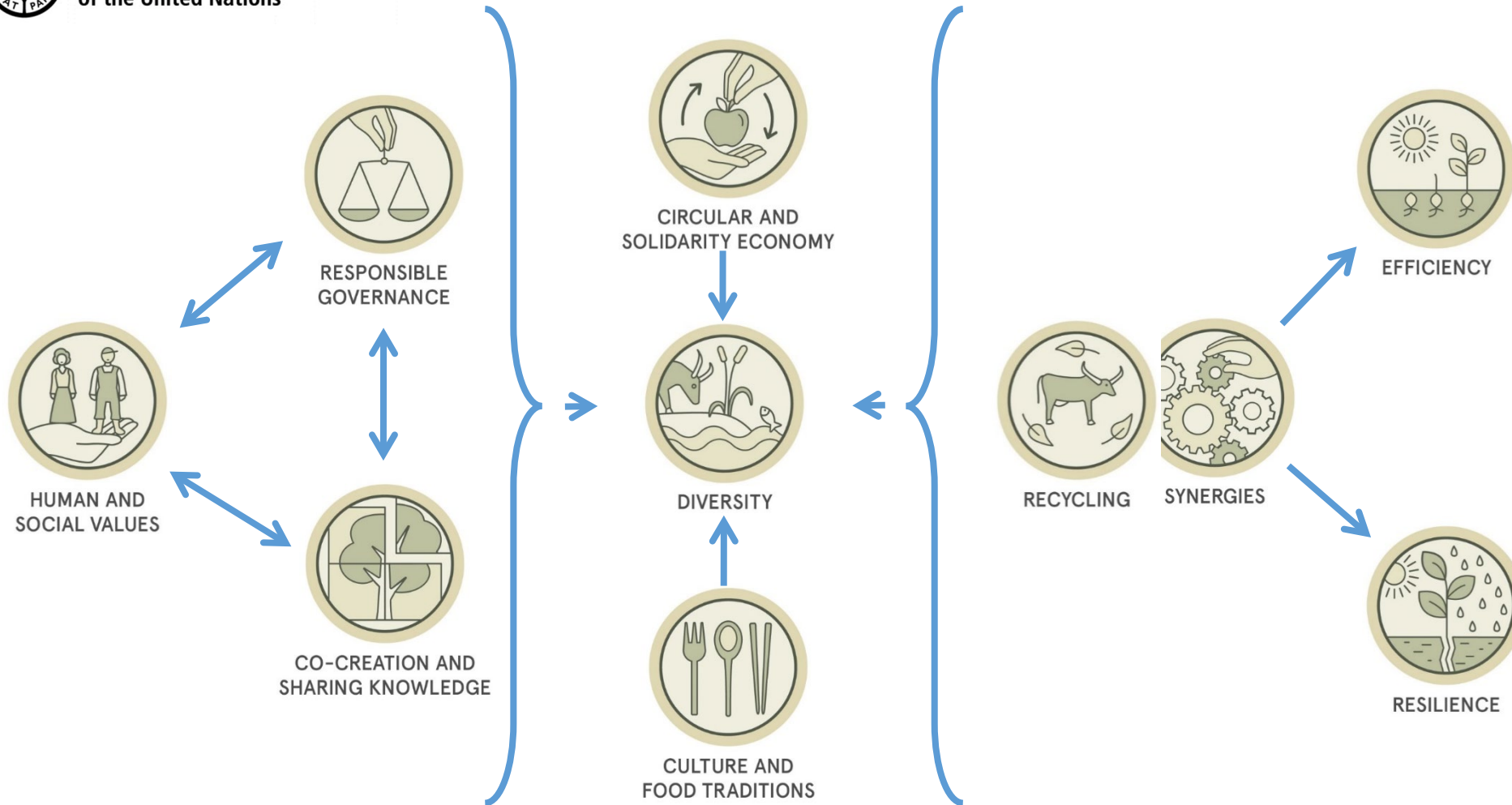


Agroecological transition to SFA



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Agroecological transition to SFA



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The Kaydara Agroecology School Farm

VIDEO

https://www.youtube.com/watch?v=m9y_ZMTZdxE



The Kaydara Agroecology School Farm

- Agroecology depends on equitable access to land and natural resources – a key to **social justice**, placing a strong focus on the rights of women, youth and indigenous peoples.



**Youth
migration**

1/3 of rural households have at least 1 migrant
60% migrate to cities due to rural unemployment
82% migrants are males largely looking for work
60% are young migrants age 15-34 yrs old



The Kaydara Agroecology School Farm

- Agroecology seeks to optimize the interactions between plants, animals, humans and the environment while taking into consideration the social aspects enable sustainable and fair food systems.



Coconut-based agroforestry



Enhanced food security
and nutrition



Greater resilience





Food and Agriculture
Organization of the
United Nations

Thank You

<http://www.fao.org/agroecology>