



Addressing climate change:

Transforming food systems through agroecology

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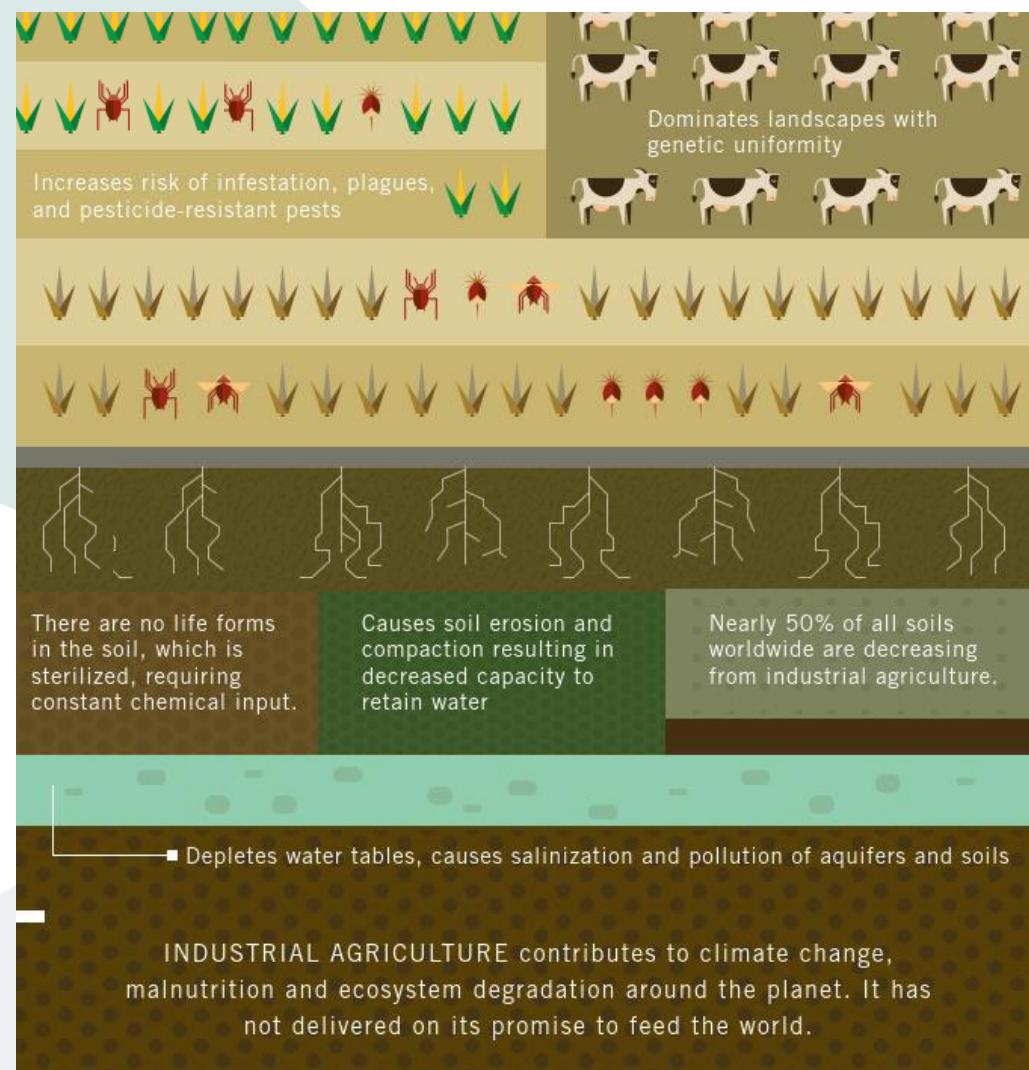
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Current food systems are not sustainable

- Produce about 1/3 of greenhouse gases
- Are responsible for 80% of biodiversity losses
- Pollute the soil, air and water
- Are vulnerable to climate change
- Do not address the triple burden of malnutrition
- Maintain social inequity and the loss of cultural values

→ Directly associated with current food systems based on industrial agriculture



Impacts on soil health

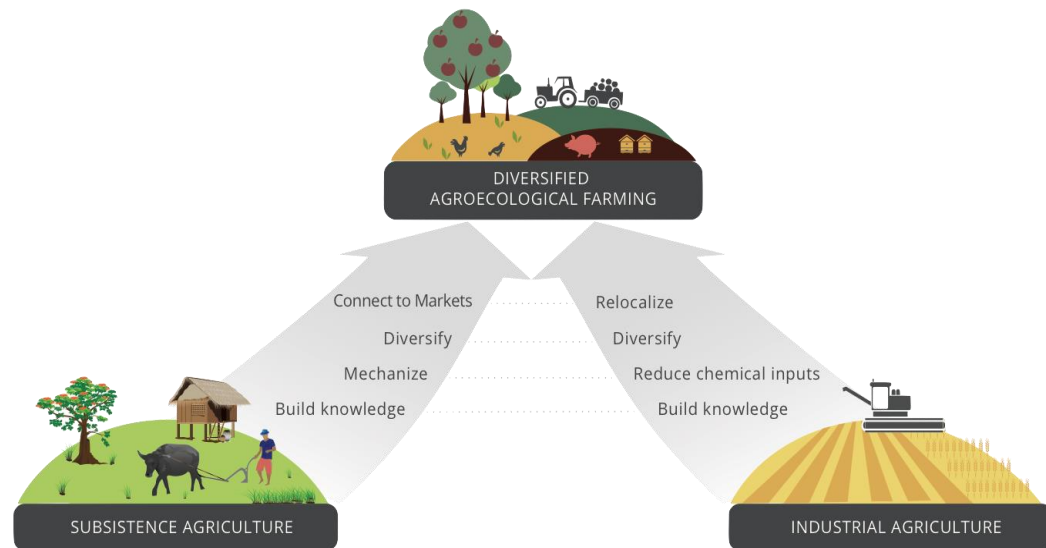
- Soil fertility depletion
- Soil carbon loss
- Greenhouse gas emissions
- Irrigation water scarcity
- Water pollution
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We need transformational change

- IPES-Food From uniformity to diversity 2016
- IPBES report on land degradation 2018
- TEEB for Agriculture and Food 2018
- IPBES report on Biodiversity 2019
- HLPE report on Agroecology 2019
- IDDRI report on Agroecology 2019
- IPCC report on CC & land 2019
- GSDR 2019
- Global comm. adaptation 2019
- GBO-5 2020
- HLPE 2020 report
- EC Mission on soil health and food 2021
- IPCC report 2022
- CBD Target 10

All mention agroecology





A different paradigm: Diversified agroecological system



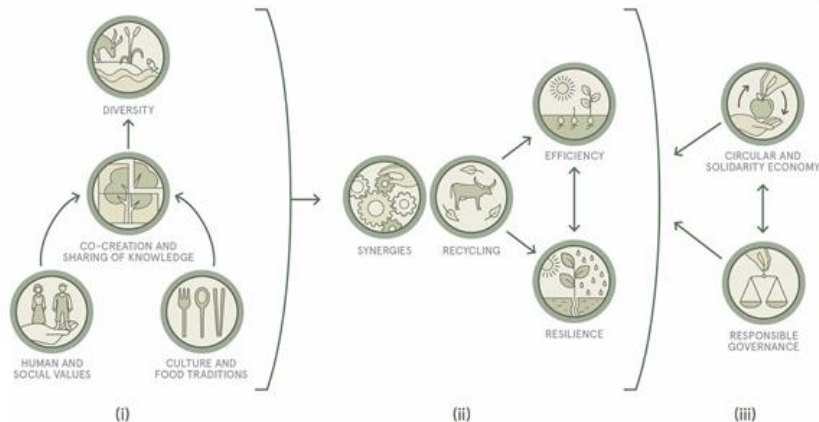
To address
different
objectives
simultaneously

- Economic
- Environmental
- Climate M & A
- Health
- Social
- Cultural



13 Principles of Agroecology

AGROECOLOGICAL TRANSITION TOWARDS SUSTAINABLE AGRICULTURE AND FOOD SYSTEMS



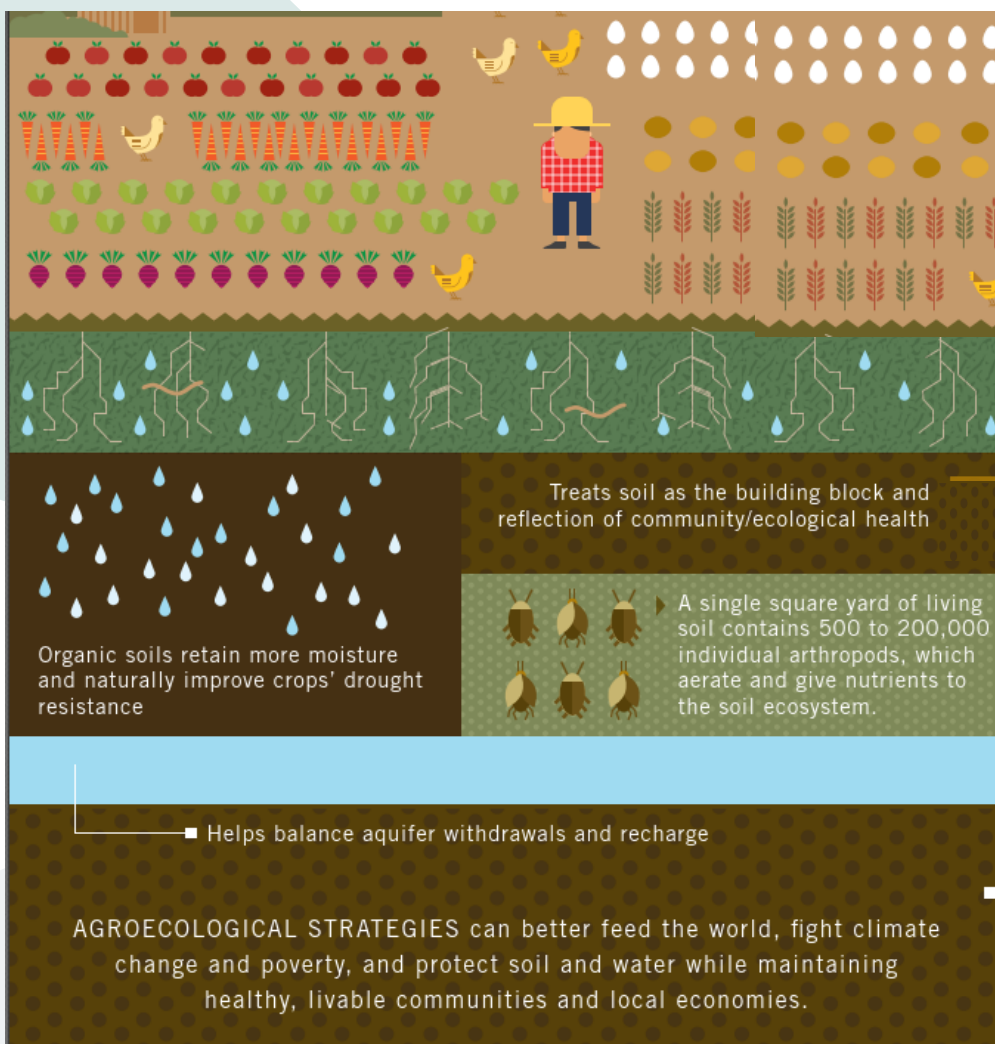
10 Elements of Agroecology





Soil is central in agroecology

- Reversing soil degradation
- Restoring soils and ecosystem stability
-





Agroecology: A different paradigm

- Not just a set of agricultural practices
- Addresses the entire food system (production to consumption)
- Takes the best of all innovations that are compatible with the 13 principles of agroecology, combined with traditional and farmer knowledge
- Changing social relations, empowering farmers, adding value locally and privileging short value chains that link consumers and producers
- Holistic, integrated approach to reach economic, environmental, climate, health, social and cultural objectives
- Aims to achieve the sustainable development goals in an integrated manner.




**Agroecology
Coalition**

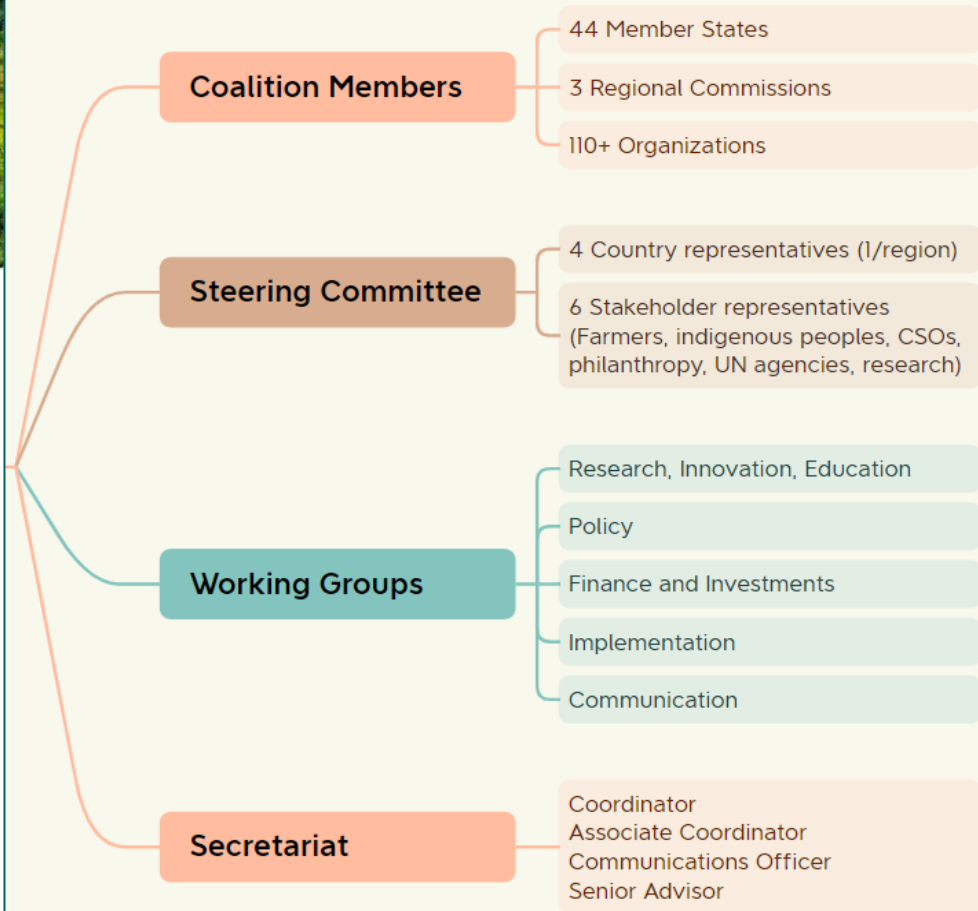
47 member countries and more than 100 organizations, including farmers organizations, research institutions, indigenous peoples organizations, UN agencies, private foundations, civil society groups and others

STRIVING FOR FOOD SYSTEMS TRANSFORMATION THROUGH AGROECOLOGY:

 FACILITATING CO-CREATION AND EXCHANGE OF KNOWLEDGE



 PROMOTING INCREASED INVESTMENT IN AGROECOLOGY

 SEEKING POLITICAL ENGAGEMENT AND COMMITMENT TO AGROECOLOGY



THANK YOU for your attention



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