VALUE AGROECOLOGY FOR DRYLANDS

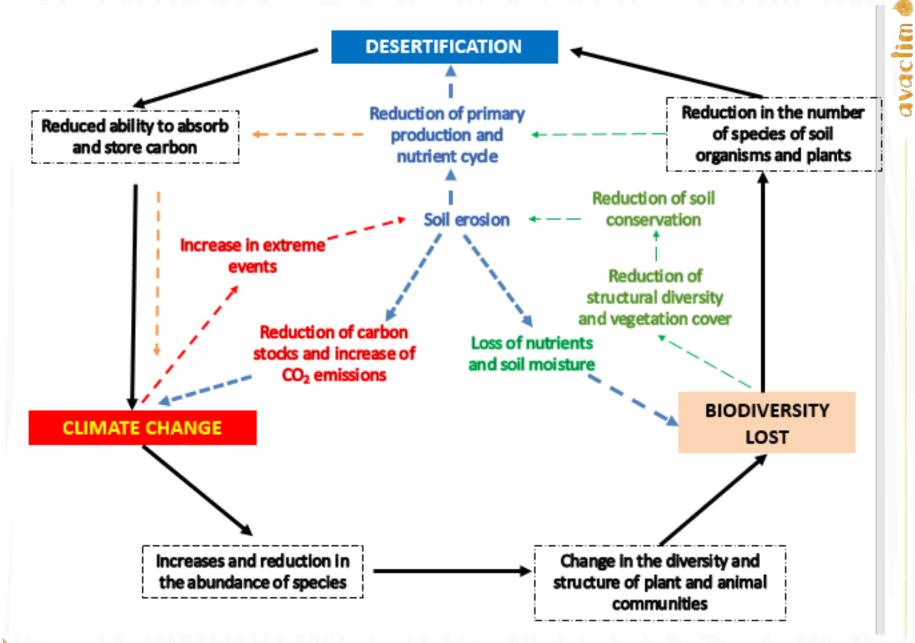
Agroecology, a way to achieve prosperity by 2030?

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Abdijan, CM 3032022





230

3.0

2.5

2.0

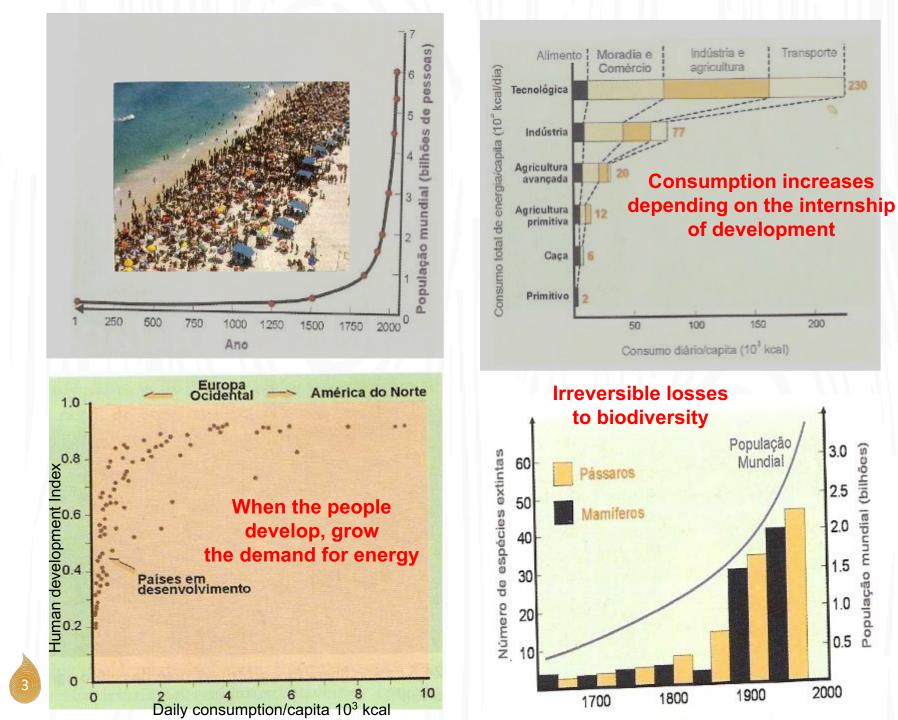
1.5

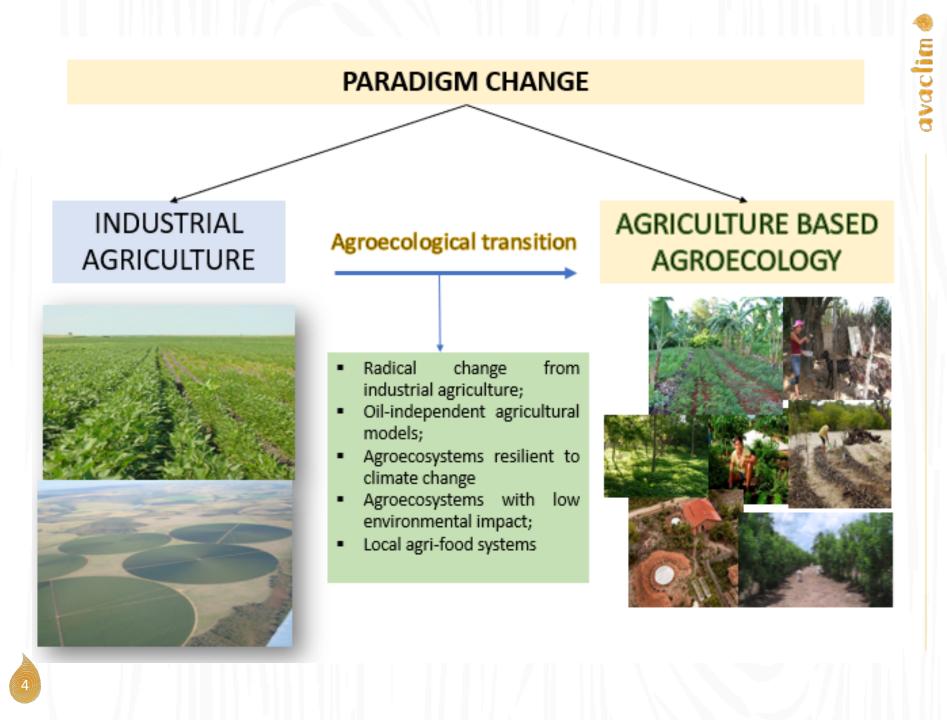
0

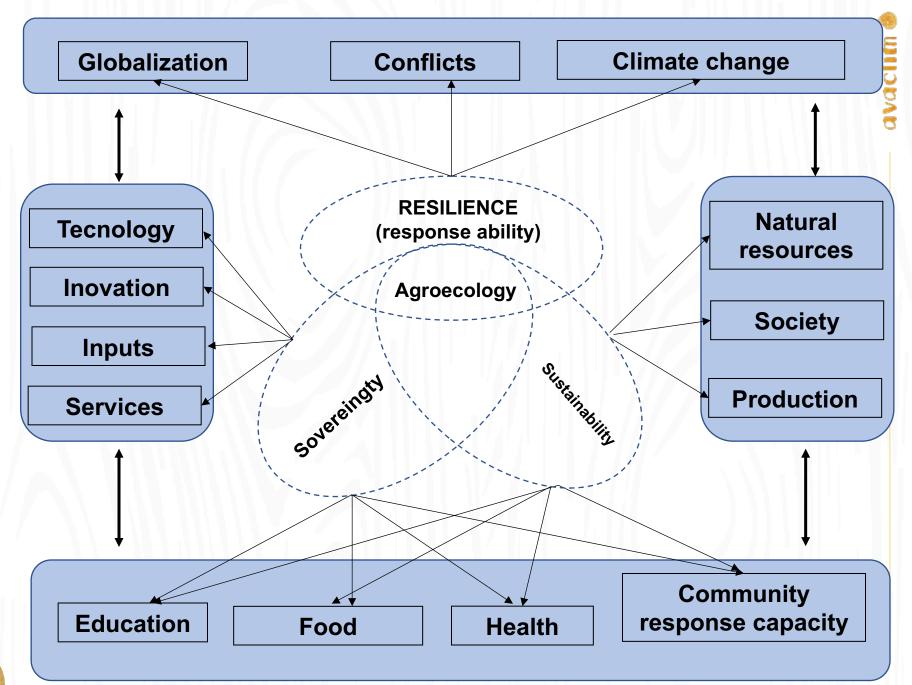
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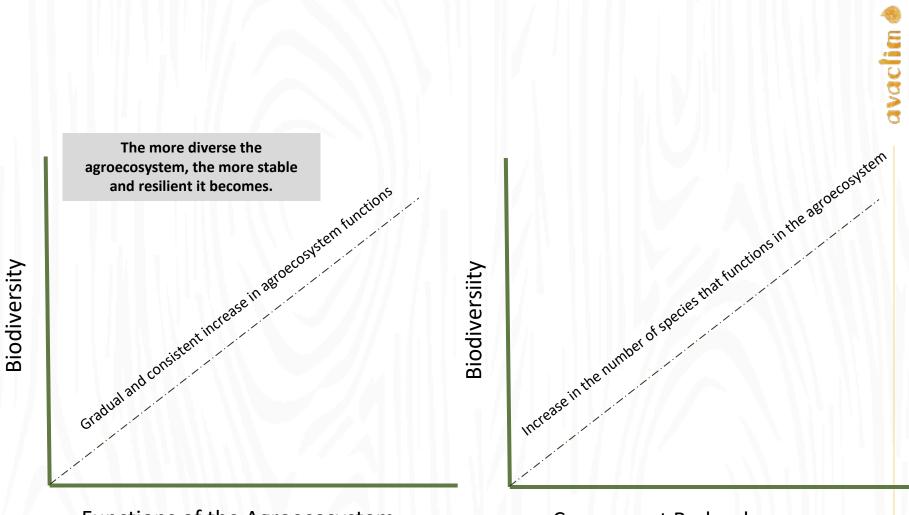
2000

População mundial (bilhões)



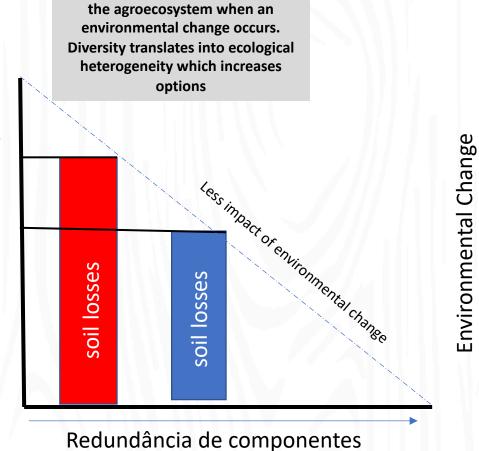






Functions of the Agroecosystem

Component Redundancy

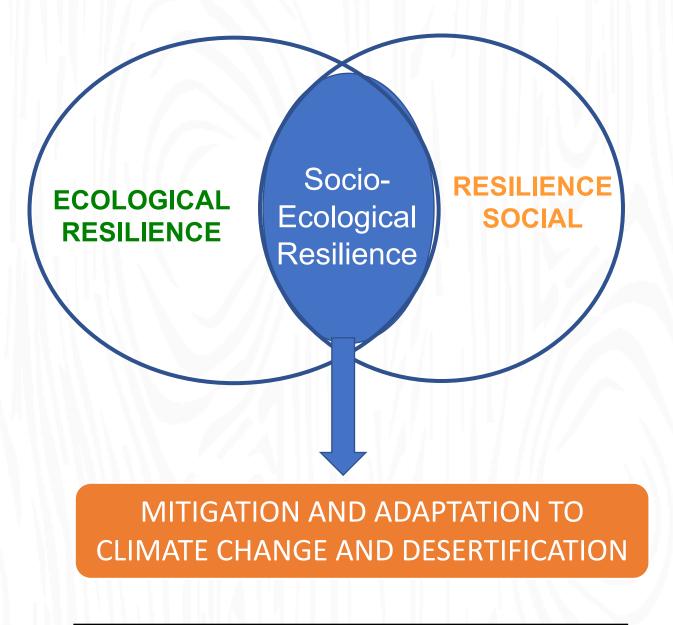


The redundancy of components

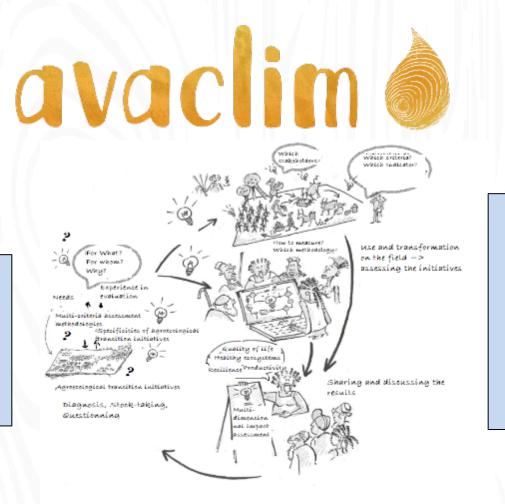
allows a continuous functioning of

avacli Structural, agroecological, social transformations in combination with the strengthening of mechanisms of community reciprocity, originated by the implementation of public Better adaptation to environmental social and political change

Transformations of ecological and social infrastructure



What evidence can we illustrate?



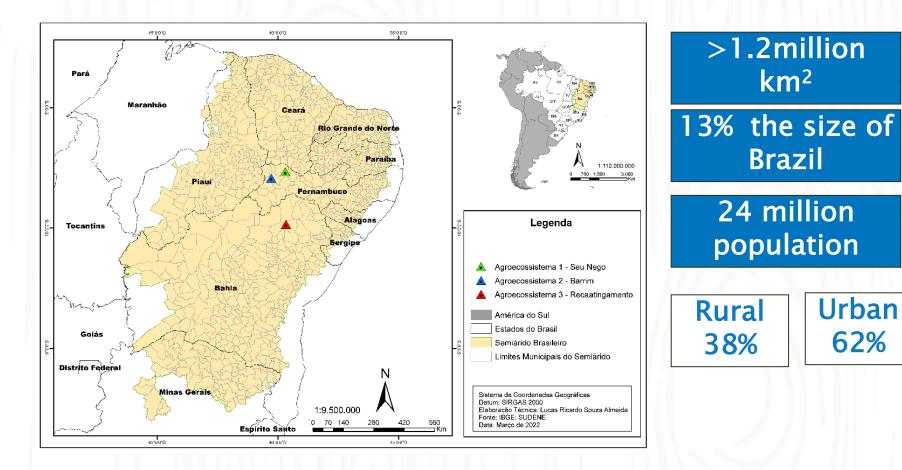
India Brazil Senegal Ethiopia Morroco South Africa Burkina Faso

vaclim

Multi-criteria evaluation of initiatives in agroecological transition

CARI (France) IRD (France) Both ENDS (The Netherland) EMG (South Africa)

BRAZILIAN SEMI-ARID REGION



Very high climate variability

- ✓ <u>Regional variability</u>: Annual average precipitation ranges from 300 to 1000 mm in different localities of the region.
- ✓ <u>Annual variability</u>: On average 60% of total annual rainfall occurs in one month and 30% in one day
- ✓ **Droughts:** Severe droughts have occurred every 10 or 15 years
- ✓ For the future: Most of the estimated scenarios show reductions in rainfall and increased variability

Our reality



Rainy season

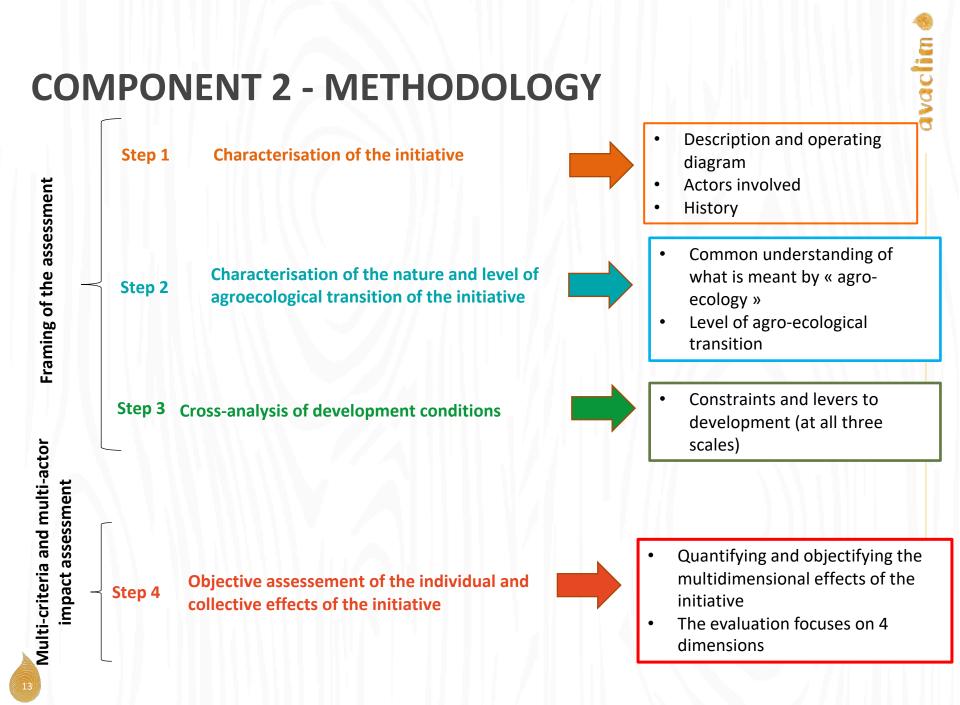


Natural Cycle of Caatinga

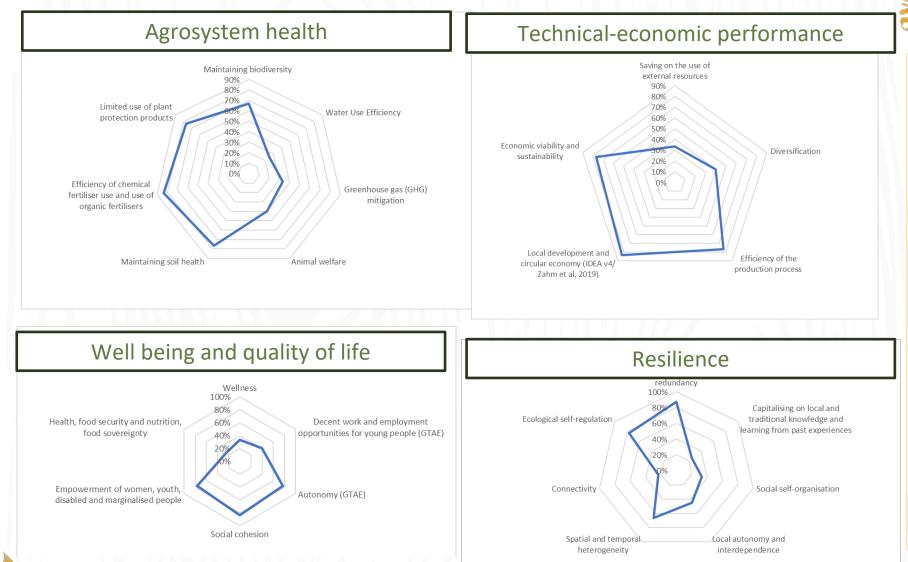
Climate

avaclim

Dry season



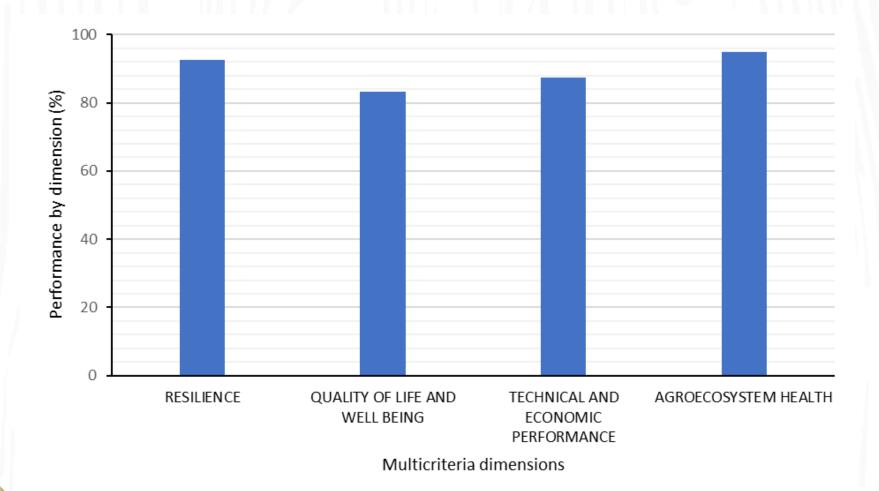
COMPONENT 2 - METHODOLOGY



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Preliminary findings : agreocology improves different dimensions of production systems

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Obrigado Gracias Thank You ! VALUE AGROECOLOGY FOR DRYLANDS

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