Policies for agroforestry, a review of four 'continental' regions: EU, U.S.A.. Brazil & India

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Transforming landscapes



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Can agroforestry (AF) transform food systems?

- AF is considered a regenerative, agroecological approach to land management – it can take many forms¹
- Depending on which objectives are prioritised, the transformative potential of AF is impacted



Can agroforestry (AF) transform food systems?

- Planetary health = human health
- Support for diverse farming systems is growing²
- Decades of policy to simplify production = AFS systems are decreasing³ and uptake remains low⁴
- Can AF meet objectives across multiple policy domains?

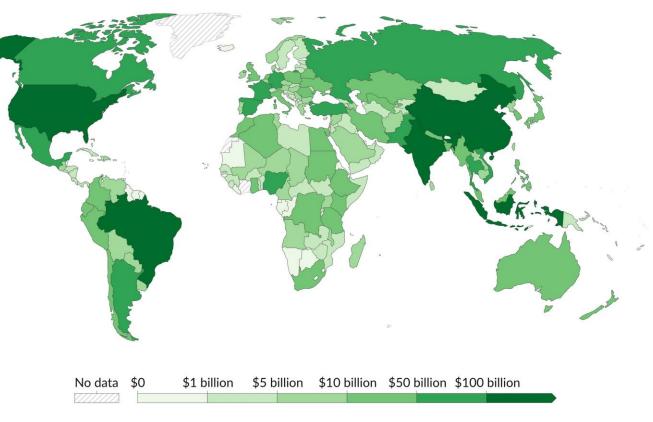


Agricultural output, 2019

Total agricultural output is the sum of crop and livestock products. It is measured in constant 2015 US\$, which means it adjusts for inflation.

What objectives are prioritised in AF policies across **four major food producing regions** of the world?

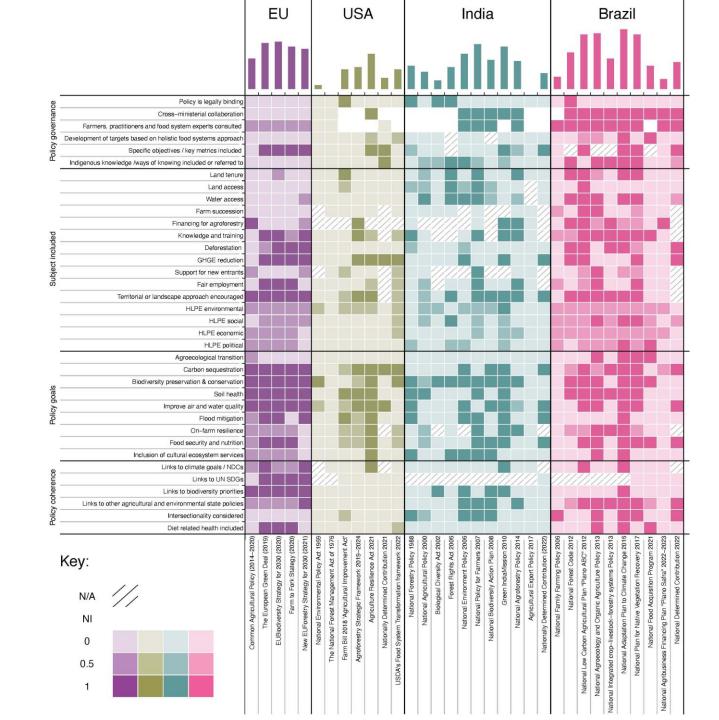
What is the scope of AF to contribute to a **fairer** and **more sustainable food system**?



Data source: United States Department for Agriculture (USDA) Economic Research Service OurWorldInData.org/agricultural-production | CC BY

Policy framework analysis

- Informed by relevant policy literature on sustainable food systems⁵ and just transition pathways⁶.
- Attributes identified and grouped into four categories: *policy governance, subject, policy goals* and *policy coherence*
- Policies were reviewed using content and thematic analysis (ATLAS.ti 23)



Policy summary matrix showing the results of the policy framework analysis.

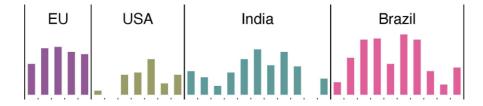
1 = included
0.5 = partially
0 = no
NI = not enough
information
NA = not applicable



3 Highlights

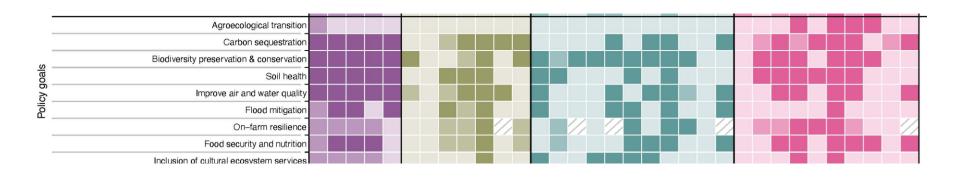
1 - Brazilian policies are most 'agroecology-friendly'

- Brazil scored the highest for *policy governance*, with strong crossministerial collaboration and stakeholder consultation. It is the only region that fulfils the **agroecological transition** attribute, and the only region with at least one policy addressing each *policy goals* attribute.
- Intersectionality, diet-related health and food security and nutrition are considered in Brazilian policies.
- Brazil is the **highest contributor across attributes**, followed by India and the EU with the U.S.A the lowest contributor across attributes.



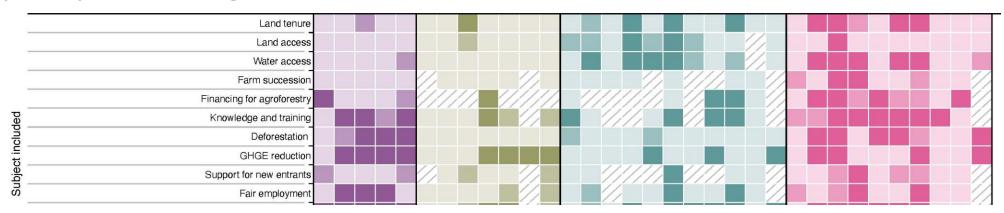
2 - Recent policies include a greater diversity of goals

- Agronomic and environmental attributes such as carbon sequestration, biodiversity and air and water quality are more frequently included.
- Food security and nutrition scores higher than flood mitigation and on-farm resilience across the regions.



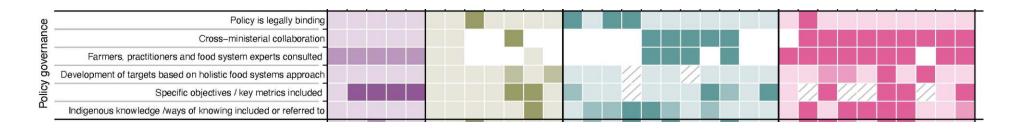
2 - Recent policies include a greater diversity of goals

- Socio-political attributes are not included to the same extent, with the majority of policies omitting to address land tenure, employment, food security and nutrition or diet related health.
- Financing for agroforestry was addressed in full in at least one policy for all regions.



3 - Low public consultation in policy development

- In the U.S.A, consultation with stakeholders is minimal.
- Policies in the EU appear to have specific objectives and key metrics included, but only partially consult with key actors.
- Collaboration with stakeholders appears to improve policy coherence, as seen in Brazil.



Key challenges

- Policies for AF lean towards agronomic reading limiting its transformative potential?
- People and practitioners are largely **absent in policy development**
- Link between **agriculture and climate** is not sufficiently reflected in policies
- Land tenure and access rights remain unaddressed despite being a well-known barrier to scaling AF

Recommendations

- Foster collaboration and consultation with stakeholders to improve policy coherence
- Embed broad range of socio-ecological objectives in policies
- Land tenure and access rights must be considered
- AF should be **integrated into interconnected societal goals**, in particular NDCs and UN SDGs
- Foresters and farmers and supporting networks must find common ground



- Policy analysis framework applicable to other agroecological approaches to land management & nature-based solutions
- Funding, training and knowledge exchange for AF is critical for rapid upscaling
- EU Agroforestry Strategy to incorporate learnings from i.e Brazil (AGROMIX white paper, Oct 2024)
- Link between agriculture and climate must be reflected in policies

Thank you for listening

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