# Economic and societal benefits through agroecological soil practices

# Evidence by ProSoil\*

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\*As part of the German special initiative "Transformation of Agricultural and Food Systems", the Global Programme "Soil protection and rehabilitation for food security" (ProSoil), supports and advises smallholder farmers in Ethiopia, Benin, Burkina Faso, India, Kenya, Madagascar and Tunisia on agroecological and climate-smart agricultural practices and transformation processes focusing on sustainable land management. The Global Programme is commissioned by Germany's Federal Ministry for Economic Cooperation and Development (BMZ) and cofunded by the European Union (EU). It is implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) mbH.

## **Objective**

To create evidence on the economic viability and broader benefits of agroecological practices for smallholder farmers and society.

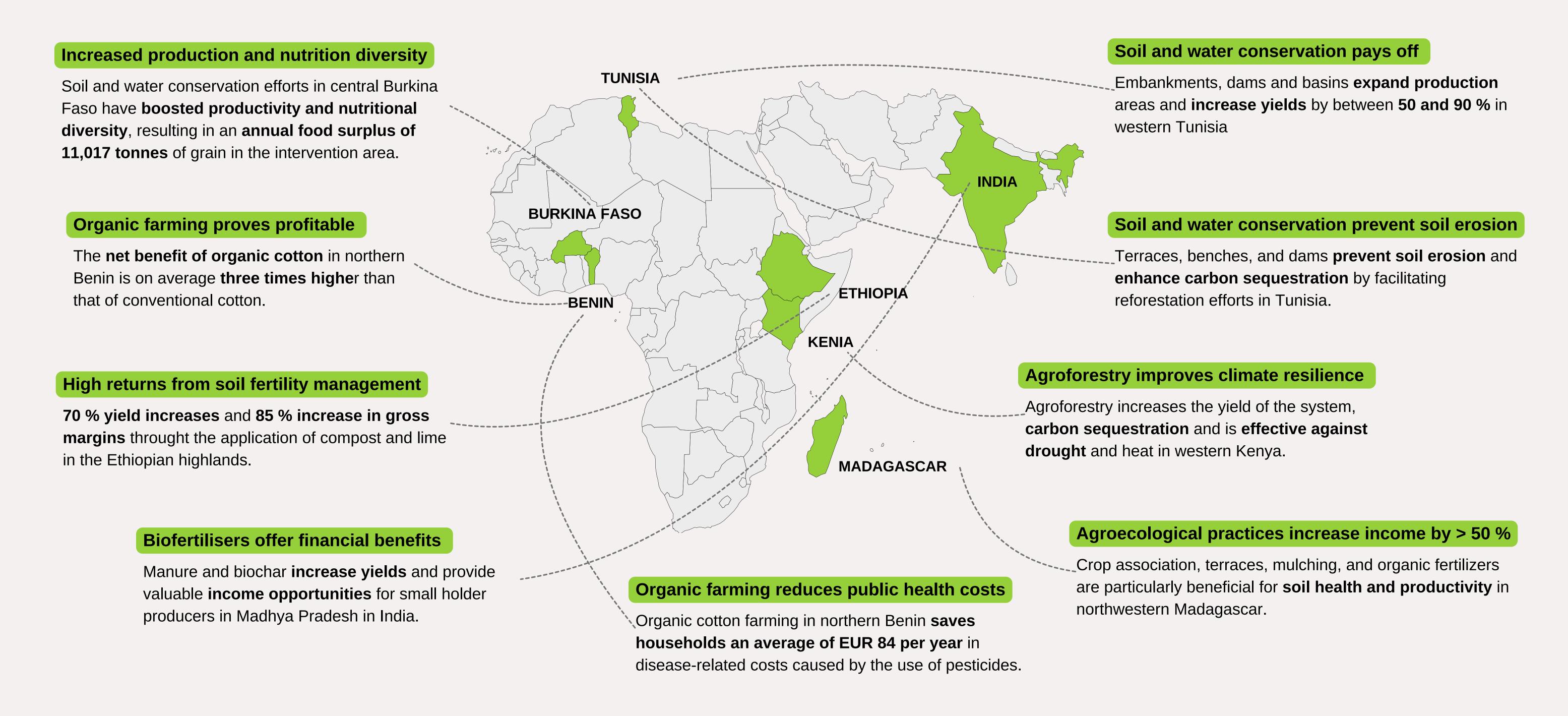
# Research questions

- 1. Are agroecological practices economically viable for smallholder farmers?
- 2. What are the wider economic and social benefits of agroecological practices?

## Method

Review of **15 studies** conducted between 2014 and 2024 analysing the impact of ProSoil interventions on smallholder farmers, the environment and society in seven countries in Africa and Asia.

## Results (selected)



#### Agroecological practices usually offer economic benefits to farmers and consistently benefit the environment and society.

#### Discussion

- 1. Differences in data, assumptions and currencies used for monetary valuation make it difficult to compare agroecological practices in monetary terms.
- 2. Labour costs in agroecology are often underestimated, posing challenges for smallholder farmers.
- 3. Externalities such as the various improvements in living conditions are often overlooked, leading to gaps in assessing the true long-term impacts.

#### Recommendations

- Policymakers: Prioritise long-term soil protection by funding and incentivising agroecological practices among smallholder farmers.
- **Donours:** Combine financial support with ecosystem service payments to encourage adoption of beneficial but initially costly agroecological practices.
- Practitioners: Tailor studies to local contexts, ensure clear results, and standardise methods for reliable comparisons.











