



INITIATIVE ON
Livestock and Climate

Livestock and Climate: Innovations

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CGIAR week of science and practice of scaling agri-food
system innovation

Nairobi, Kenya



Initiative Overview

Livestock are an important agricultural asset that is highly vulnerable to climate change, yet livestock also contribute significant amounts of GHGe to the atmosphere.

The main objective is **to address the “double burden” that climate change poses for livestock production.**

One CGIAR Impact areas:



**CLIMATE
ADAPTATION &
MITIGATION**



**ENVIRONMENTAL
HEALTH &
BIODIVERSITY**



**GENDER EQUALITY,
YOUTH & SOCIAL
INCLUSION**



**NUTRITION, HEALTH
& FOOD SECURITY**



**POVERTY
REDUCTION,
LIVELIHOODS &
JOBS**

Initiative structure

Five work packages:



Work packages

Strengthening household capacities



Reducing climate risk with digital services



Leveraging landscapes



Financing the transition

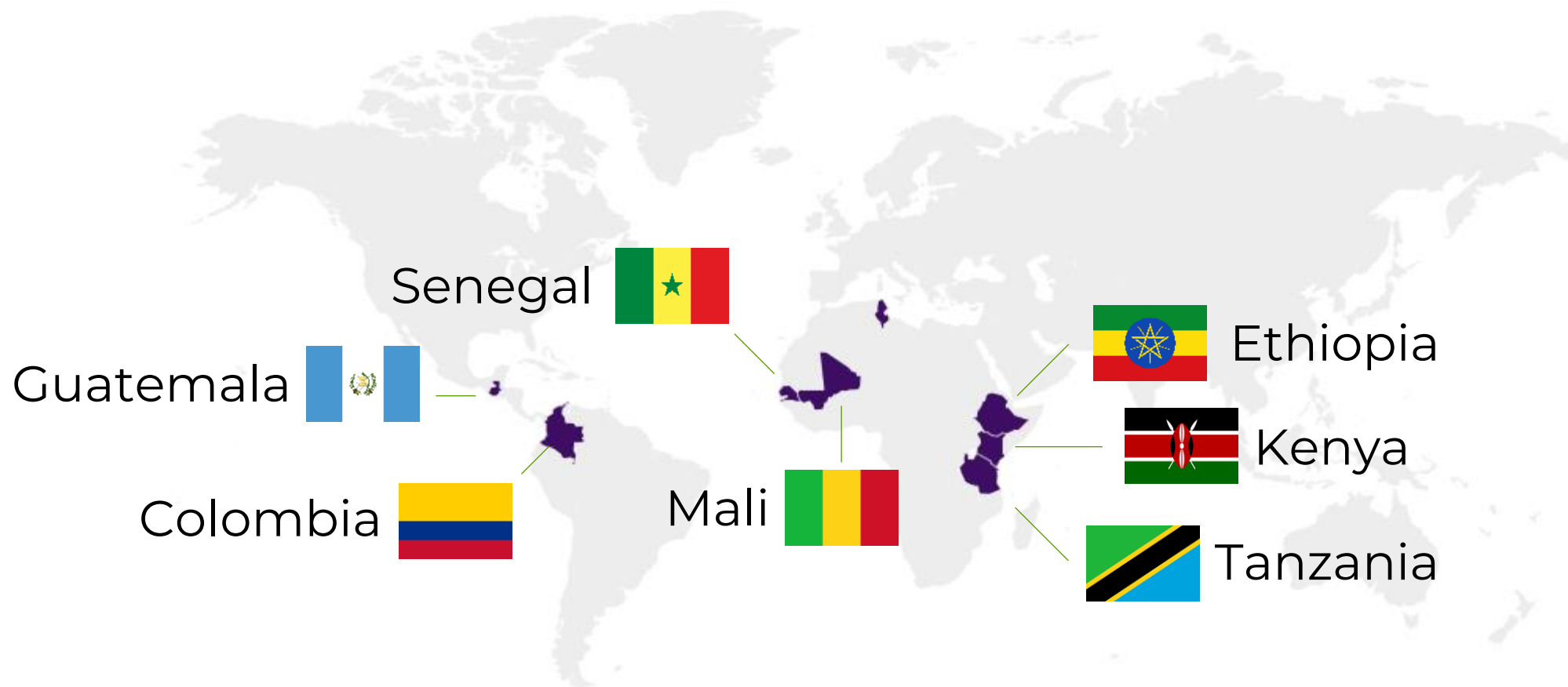


Policy environment



Target geographies

*With selected opportunities in Tunisia and Brazil



Scaling approaches and activities

Work Package 1: On farm technologies in social context

- Work with pioneer farmers (positive deviants) to co-produce technologies
- create farmer to farmer learning groups
- this should then ensure **producer-led scaling**
- **we are still learning how to best enable this**, as there are few documented experiences of the impacts of producer-led approaches

Scaling approaches and activities

Work Package 2: Climate risk and digital innovations

- Digital dissemination enables rapid distribution and collection of information
- Senegal:
 - Previous projects put climate information in the hands of more than 1 million farmers
- Kenya:
 - Digital tools to crowd-source data
 - Insurance experience
- New agenda is bundling of services and information

Scaling approaches and activities

Work Package 3: Landscapes for resilience and mitigation

- Well documented success with Participatory Rangeland Management
 - Establish governance along with resource management and restoration
- Landscape approach requires “scaling” up, but we have less experience in mixed systems



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