

CoPs: Community of Practices for Climate Advisory Services in Livestock



Turning climate information into coordinated action for resilient livestock systems

The Community of Practice (CoP) is an innovative multi-stakeholder platform in Senegal designed to provide a unified and formal system for delivering Climate Information Services to agro-pastoralists. It serves as a collaborative space where scientists, development experts, and local practitioners co-generate and co-disseminate harmonized and contextualized agro-climatic advice

This technology is **pre-validated**.

8-7

Scaling readiness: idea maturity 8/9; level of use 7/9

Inclusion assessment

9
 6

12

Climate impact

2

Problem

- **Fragmented CIS governance** is creating inconsistent climate messages across institutions and weakening national coordination.
- **Unequal access to climate services** is leaving livestock producers behind due to literacy, language, and connectivity barriers.
- **Weak climate risk preparedness** is increasing livestock losses and reducing national resilience to climate shocks.
- **Poor integration of climate data** is limiting evidence-based planning and coherent policy action.

Solution

- The **CoP creates a unified national climate advisory system**, reducing fragmented and conflicting messages across institutions.
- It delivers **evidence-based, 10-day agro-climatic advisories** that strengthen planning and climate risk management.
- It improves **livestock productivity and resilience** through timely, actionable guidance for key seasonal decisions.
- It ensures **inclusive year-round climate services** for pastoralists via radio, SMS, IVR, and local languages.

Key points to design your project

The Community of Practice (CoP) is a structured multi-stakeholder learning and coordination platform that brings together institutions, experts, and practitioners to co-produce, validate, and deliver actionable climate services for agro-pastoral systems. To effectively integrate a Community of Practice (CoP) into a climate services project, governments and partners need to:

- **Formally establish the CoP** through a multi-stakeholder consultative process, ensuring representation from public institutions, NGOs, private digital actors, and producer organizations, with roles and data-sharing rules defined through a Memorandum of Understanding (MoU).
- **Conduct a user-centered needs assessment** with agro-pastoralists, integrating local knowledge, gender considerations, and vulnerability factors to ensure demand-driven advisory services.
- **Organize the CoP as a regular interactive knowledge-sharing space** (e.g. monthly meetings) where scientists and practitioners jointly co-produce and validate agro-climatic advisories before dissemination.
- **Deploy a multi-channel dissemination strategy** combining rural radio, SMS, IVR, and USSD tools to ensure last-mile delivery while maintaining a single coordinated source of truth.
- **Establish a continuous monitoring and learning system** using qualitative and quantitative feedback to improve advisory relevance, performance, and impact over time.
- **Collaborate with technical resource persons (e.g. ILRI)** to support facilitation, design of coordination processes, and documentation of results for learning and scale-up.

ILRI
INTERNATIONAL
LIVESTOCK RESEARCH
INSTITUTE

**International Livestock
Research Institute (ILRI)**
Nadine WOROU

Technology from

[PRMS](#)

Commodities

Livestock

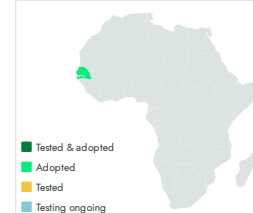
Sustainable Development Goals



Categories

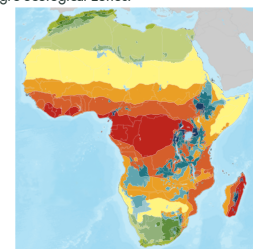
Production, Postharvest, Marketing,
Pre-production, Practices,
Pest control (excluding weeds), + -1 more

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.



Target groups

Breeders, Governments,
Veterinary Laboratories,
Advisory and Extension Services



No formal IP rights



CoPs

<https://taat.africa/hlc>

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