

# 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 bringing together national and technical institutions that regularly interact to ensure coordinated governance of Climate Information Services for agro-pastoral systems. It provides a formal mechanism for consolidating expertise, sharing institutional priorities, and producing harmonized agro-climatic advisories for agro-pastoralists facing climate change.

 This technology is **pre-validated**.

 8-7

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

 IP

No formal IP rights

## Problem

- **Unreliable climate information systems** are increasing uncertainty and reducing trust in advisory services.
- **Limited climate intelligence for livestock value chains** is constraining productivity and service innovation.
- **Low accessibility of digital advisory services** is reducing adoption among rural producers.
- **High climate volatility risks** are weakening supply chains and investment stability in agro-pastoral markets.

## Solution

- The **CoP builds a trusted and harmonized climate information system**, reducing uncertainty in agri-value chains.
- It provides **actionable 10-day livestock advisories** that improve productivity and reduce operational risks.
- It supports **better resource optimization and cost efficiency** in feed, water, and grazing management.
- It enables **scalable digital and advisory service models** through multi-channel delivery (SMS, IVR, radio).

## Key points to design your business plan

### For Breeder:

The Community of Practice (CoP) is a system that brings together experts and institutions to provide simple, trusted, and timely climate and livestock advice that helps you protect your animals, manage water and pasture, and improve your income. By using the CoP advisories, you can better protect your animals, reduce losses, find water and pasture more easily, and improve your household income and food security. To benefit from the CoP,

- Listen regularly to **climate and livestock advice shared through rural radio, SMS, or voice messages** in your local language, especially before and during the rainy and dry seasons.
- Use the **10-day advisory messages** to plan key activities such as moving animals, feeding, vaccination, breeding, and searching for water and pasture.
- Follow alerts on **heat stress, drought, and grazing conditions** to protect your animals from illness, weight loss, and death.
- Participate in **local community discussions or extension meetings** where livestock officers and experts explain and validate the advice with farmers.
- Share your own observations (rainfall, pasture condition, animal health) with community leaders or extension agents so they can improve the quality of advice.
- Keep using the information consistently to make decisions throughout the year, not only during the rainy season.

**ILRI**  
INTERNATIONAL  
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INSTITUTE

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

Technology from

[PRMS](#)

Commodities

Livestock

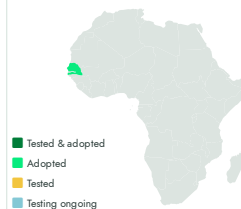
Sustainable Development Goals



Categories

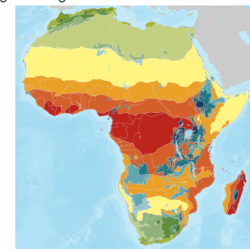
Production, Postharvest, Marketing,  
Pre-production, Practices,  
Pest control (excluding weeds), + -1 more

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

Inclusion assessment



Climate impact



## CoPs

<https://taat.africa/vwf>

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