



World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



WORLD BANK GROUP
Environment & Natural Resources



Projet régional d'appui au pastoralisme au Sahel (PRAPS-2)

Regional support project for the pastoralism in the Sahel

Regional training workshop on WOAHA procedures for official status recognition endorsement of official program and their maintenance with regard to contagious bovine pleuropneumonia (CBPP)

Presentation of PPCB-related initiatives in Africa: Case of PRAPS-2
Lusaka-Zambia (30 March-1 April 2026)

Prof. IDRIS O. ALFAROUKH, on behalf of the Technical Coordination of the « Targeted technical assistance » for the “Improvement of animal health and control of veterinary drugs” component of PRAPS-2

Function: Coordonnateur technique

1/18





World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



WORLD BANK GROUP
Environment & Natural Resources



Presentation

1. **Brief information on PRAPS-2 and WHOA Technical Coordination Mission of the OMSA Technical Coordination**
2. **Mission of the Technical Coordination of the “Targeted Technical Support” sub-component to OMSA**
3. **Objective of the fight against CBPP**
4. **Preparatory for monitoring for vaccination campaigns (national level)**
5. **Strengthening the capacities of veterinary Services**
6. **Monitoring of the implementation of vaccination campaigns against CBPP**
7. **Vaccine coverage rate**
8. **PPCB vaccination figures**
9. **Some encountered difficulties**
10. **Some lessons learned.**



1. Brief information: 1.1. Origins/Foundations of PRAPS

- Declarations and commitments made by Sahel countries, regional organizations (ECOWAS, UEMOA, CILSS, OMSA, etc.) and donors during two international forums on pastoralism:
 - **The N'Djamena conference in May 2013**
 - **The Nouakchott conference in October 2013**
- The Nouakchott declaration “**Jointly mobilize an ambitious effort to ensure pastoralism without borders**”
 - Recognizes the importance of securing this way of life and exploitation in the interest of the Sahelian populations and economies;
 - Calls for a 30% increase in animal production within 5 to 10 years;
 - Confirms the need for well-coordinated priority regional interventions to address issues related to pastoralism; etc.





World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



WORLD BANK GROUP
Environment & Natural Resources



1. Brief information: 1.2. PRAPS-2 member countries and objective

- **6 countries concerned:** Burkina Faso, Mali, Mauritania, Niger, Senegal and Chad;
- **1 regional coordination :** Interstate committee to combat drought in the Sahel (CILSS);
- **5 Components** (SA, landscape management, improvement of the value chain, social inclusion of women and young people, National coordination.
- **2 Sub-components in SA (OMSA and CRSA)**

PRAPS Objective 2: Improve the resilience of pastoralists and agropastoralists in certain targeted areas of the Sahel region (duration Six years 2022-2027); Amount of World Bank financing: 467 million USD



2. Mission of the Technical Coordination of the “Targeted Technical Support” sub-component to OMSA

1. Support for harmonized control of PRAPS-2 priority diseases (CBPP and PPR)

2. Support for the strengthening and harmonization of countries epidemiological surveillance systems

3. Support for the strengthening and harmonization of veterinary drug control systems

4. Support for the development, implementation and monitoring of national training plans

5. Management/ Administration/ supervision.

3. Objective of the national strategic CBPP control plan

The principal objective:

- Very significantly improve CBPP control over a 7/8 years horizon (2030) by aiming for a herd seroprevalence rate of less than 10%.

Intermediate objectives:

- Improve the epidemiological surveillance system (KBT system);
- Organize vaccination campaigns and their accompanying measures;
- Perform seromonitoring of vaccination campaigns
- Strengthen the diagnostic capacities of national veterinary laboratories;
- Monitor and evaluate the National Strategic CBPP, etc.



4. 1. Preparatory and monitoring framework for vaccination campaigns (national level)

- **Planning: Strategic Plan (PNS)**
- **Annual Organization of Immunization Campaigns**
- **Campaign Monitoring:**
 - ✓ **Epidemiological Surveillance**
 - ✓ **Data Collection and Analysis, and KBT Database**
 - ✓ **Health Information Management**
 - ✓ **Supervision by a Monitoring Committee**
 - ✓ **Vaccine Supply Management**
 - ✓ **Vaccine Acquisition / PANVAC Certification**

- **Vaccine quality monitoring**
- **Seromonitoring every two years and data processing**
- **Strain diagnosis and isolation**
- **Antibiotic resistance monitoring**

- **Sensibilisation/ incitation à la vaccination et mobilisations des acteurs**
- **Améliorer la participation des éleveurs**
- **Contribution au financement des campagnes**

- **Research activities**

Laoratoires



Bénéficiaires



Services Vétérinaires



4.2. Preparatory and monitoring framework for vaccination campaigns (national level)

Organisation of annual vaccination with dedicated team

Use of the T144 vaccine supplied with the diluent by the producer

Quality control of vaccine collected from the vaccination site

Correction of National strategic plan if necessary,

Control and monitoring of the cold chain with recording thermometer

Training of field agents and at the central regional levels

4.3. Preparatory and monitoring framework for vaccination campaigns (regional level)

Regional follow-up and consultation meeting on the implementation of the NSP PPCB

Entretiens Techniques du PRAPS (ETP3)

Missions périodiques de supervision dans les pays

Correction, adaptation continue des stratégies et notamment des PNS...

Training of field agents and at the central level

Suivi de l'indicateur de résultat sur la PPCB.



World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



WORLD BANK GROUP
Environment & Natural Resources

5. Strengthening the capacities of veterinary Services

- 1. CBPP control strategy and implementation of national strategic plans for this disease (Nouakchott, Mauritania, from August 5 to 9, 2019)**
- 2. Organization and harmonization of seromonitoring survey protocols: Montpellier, N'Djamena and Dakar (2015, 2017 and 2021);**
- 3. Role of diagnostic and vaccine production laboratories in the implementation of PRAPS activities (Ouagadougou, Burkina Faso from January 14 to 18, 2019)**
- 4. Regional training on Diagnosis and isolation of mycoplasma strains (Bamako-Mali 2016)**
- 5. Titration of the PPCB vaccine (Bamako-Mali 2020), seromonitoring (Montpellier, Dakar); epidemiological database under Kobotoolbox (Dakar 2017, 2029, 2022), etc.**
- 6. Training at national level (on vaccine production) and use of smartphones for kobotoolbox, etc.**



6.1. Indicators of the level of implementation of the PPCB National Health Plans

	Spécifique PPCB criticals points
CBPP1	Monitoring and updating of the PNS CBPP
CBPP2	PANVAC certification of CBPP vaccines and diluents
CBPP3	Control of the supply of CBPP vaccines
CBPP4	Monitoring the quality of CBPP vaccines Monitoring the Quality of CBPP vaccines
CBPP5	CBPP Séromonitoring
CBPP6	Slaughterhouse CBPP monitoring program
CBPP7	Antibiotic Resistance Monitoring Program (CBPP)

6. 2. Indicators of the level of implementation of the PPCB National Health Plans

		Global criticals Points
Global	Glob1	Stakeholder awareness program
	Glob2	Campaign organization methodology
	Glob3	Database under KoBoToolbox system
	Glob4	PRAPS-2 training program (national and régional)
	Glob5	Supervision by the DGSV of vaccination campaigns

8.Vaccination PPCB							14/18
Année /Pays	I	O	A	X	Y	Z	Total général
2014/2015	2,643,865						2,643,865
2015/2016	3,363,949	4,769,625	1,500,802	5,079,049	1,498,006	-	16,211,431
2016/2017	3,640,734	5,283,941	1,963,480	4,430,767	1,734,404	3,366,018	20,419,344
2017/2018	2,754,721	5,360,685	1,931,686	3,321,698	1,751,982	3,972,987	19,093,759
2018/2019	2,695,661	5,650,915	1,480,866	8,589,835	1,406,045	2,716,962	22,540,284
2019/2020	2,784,443	5,125,561	1,505,567	9,193,989	1,345,154	1,572,736	21,527,450
2020/2021	2,119,036	4,988,186	1,633,218	8,066,983	1,687,153	787,591	19,282,167
2021/2022	2,794,798	4,642,056	2,215,120	8,647,353	1,732,549	250,000	20,281,876
2022/2023	1,964,683	5,383,678	2,188,365	5,859,090	2,041,084	1,570,780	19,007,680
2023/2024	1,882,433	6,435,712	2,287,840	6,853,959	2,226,099	1,835,943	21,521,986
2024/2025	2,093,864	7,659,777	2,898,120	7,007,037	2,366,580	2,454,584	24,479,962
Total général	28,738,187	55,300,136	19,605,064	67,049,760	17,789,056	18,527,601	207,009,804



World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



WORLD BANK GROUP
Environment & Natural Resources



9. Some major difficulties

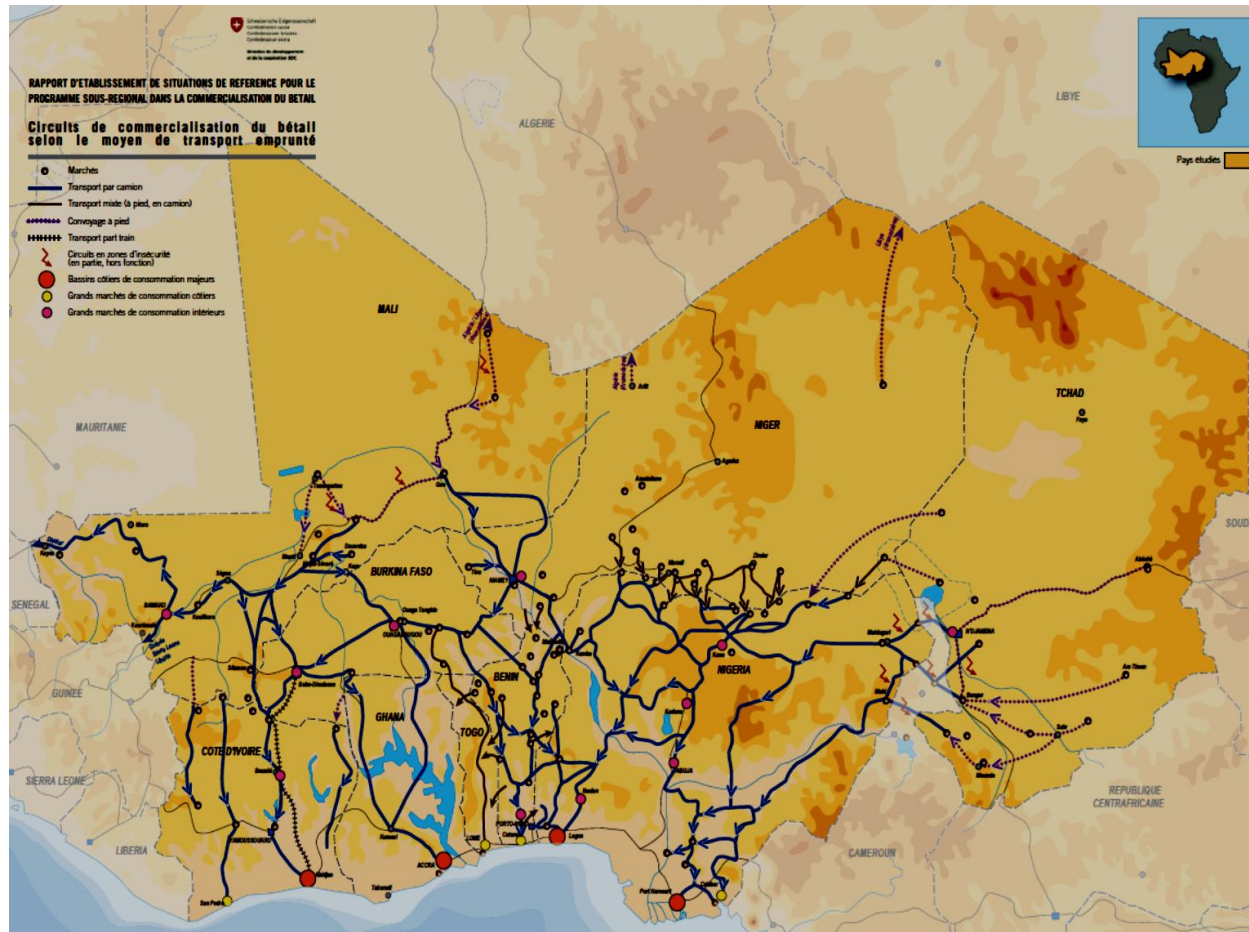
Livestock mobility;

The low/absence of the level of funding of the NSP to cover vaccine needs

Difficulties in reconciling NSP PPCB forecasts and vaccination figures

The low level of some systematic application of good practices

Insecurity





World
Organisation
for Animal
Health

Organisation
mondiale
de la santé
animale

Organización
Mundial
de Sanidad
Animal



WORLD BANK GROUP
Environment & Natural Resources



10. Some lessons learned :

- **The harmonization of planning through the PPCB NSP in the 6 member countries of PRAPS-2;**
- **The adoption of good practices in the activities of the SV (use of certified vaccines, quality control of vaccines, marking of animals, seromonitoring, databases under KBT, etc.;**
- **Synchronization of the vaccination period has become a reality between PRAPS-2 countries with the support of SC1.2. PRAPS-2, etc.;**
- **Notorious difficulties exist in reconciling vaccination figures with PNS programming;**
- **Poor mobilization of additional financial resources for the NSP CBPP.**





World Organisation for Animal Health

Organisation mondiale de la santé animale

Organización Mundial de Sanidad Animal



WORLD BANK GROUP
Environment & Natural Resources



17/18





World Organisation for Animal Health

Organisation mondiale de la santé animale

Organización Mundial de Sanidad Animal



WORLD BANK GROUP
Environment & Natural Resources



LA CARAVANE DU PRAPS-2 VOUS REMERCIE

