FAO AND OIE INTERNATIONAL
CONFERENCE FOR THE
CONTROL AND ERADICATION OF
PESTE DES PETITS RUMINANTS (PPR)
ABIDJAN, CÔTE D’IVOIRE
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INDEPENDENT CERTIFICATION OF PPR VACCINES: LESSONS LEARNED FROM THE RINDERPEST ERADICATION CAMPAIGN IN AFRICA
RINDERPEST SITUATION IN THE EARLY 80s

- Rinderpest and other major diseases almost controlled by early 60s
- The 1980’s witnessed a general decline in the quality of vaccines produced in the continent
- Lack of effectiveness of disease diagnostic laboratories and non-existence or inefficient National Quality control Authorities
This led to a major resurgence and spread of Rinderpest in many African countries in the early 1980’s

This prompted the establishment of two independent quality control centers

PANVAC played a critical role in the eventual eradication of Rinderpest from the African continent
ACTIVITIES OF AU-PANVAC

• The contributions of Quality Control to the success of GREP acknowledged
• Mandate of PANVAC expanded to include all vaccines against TADs and Production of basic animal disease diagnosis reagent
• Participation in animal disease control initiatives and projects
INTERNATIONAL RECOGNITION OF AU-PANVAC

PAN AFRICAN VETERINARY VACCINE CENTRE (AU-PANVAC)

Collaborating Center for Quality Control of Veterinary Vaccines
Debre-Zeit, ETHIOPIA  P. O. Box 1746
ERADICATION OF RINDERPEST

- RP Eradication accomplished: Celebration in May 2011 (OIE) and June 2011 (FAO)

- WHAT NEXT?:
  1. Eradication of other TADs: Lessons from Rinderpest Eradication
     - PPR strong Candidate
OIE PROGRAMME FOR PPR CONTROL IN AFRICA
Vaccine Standards and Pilot Approach to PPR Control in Africa (VSPA) funded by the Bill and Melinda Gates Foundation

1. Strengthen the capacities of AU/PANVAC to ensure the Quality of PPR vaccines
2. Develop of a pilot strategy to progressively control/eradicate PPR in 2-3 countries
3. Establishment of a PPR Vaccine Bank
PREPAREDNESS OF AFRICA FOR PPR ERADICATION …

AU-PANVAC COMPONENT- VSPA

I. Strengthen AU/PANVAC: For PPR vaccine Quality Control: HR, Equipment and Training.

II. Strengthen PPR Vaccine producers: To produce high quality of PPR vaccine

III. Monitor PPR vaccines quality: Producing countries and importing countries

IV. Define with the OIE a quality control strategy for PPR vaccines produced in Africa

V. Design a Pilot PPR reduction programme
1. Strengthen AU/PANVAC: To ensure accurate PPR vaccine Quality Control provided timely: HR, FACILITIES AND EQUIPMENT, Training.

Water Distiller installed and operational

Stand-by Electric Generating Set
1. Strengthen AU/PANVAC: To ensure accurate PPR vaccine Quality Control provided timely: HR, FACILITIES AND EQUIPMENT, Training.
1. Strengthen AU/PANVAC: To ensure accurate PPR vaccine Quality Control provided timely: HR, Facilities and Equipment, **TRAINING**.
At the End of the implementation of the sub-grant activities:

1. AU/PANVAC is now capacitated to provide better quality services in PPR vaccine certification to PPR vaccine producers

2. A Pilot PPR reduction program in Africa was proposed

3. A List of essential equipment required to improve the capacity of PPR vaccine production in Africa provided.
4. PPR vaccine Cold Chain in the field was monitored.
5. A Pan African Quality Control strategy was developed in collaboration of all major stakeholders.
6. Capacities for Quality Control and Good Manufacturing Practices were built in all PPR vaccine producing laboratories.
7. A Strategy for Quality Control of PPR vaccines was developed.
8. Document on PPR vaccine production was developed to support the regional and continental initiatives for the control/eradication of PPR in Africa.
1. Independent QC of all PPR vaccines is now more important than ever

2. All conditions for ensuring the availability of good Quality PPR vaccines are in place at AU-PANVAC

3. Capacity for the production of Good Quality PPR vaccines are in place in the vaccine production laboratories

4. AU/PANVAC will support all global initiatives for the control and eradication PPR taking account of the lessons learned from the Global Rinderpest Eradication Campaign.
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   - WRL for PPR (CIRAD)
   - Joint Division FAO/IAEA laboratory
THANK YOU

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