



# Development of a Global PPR Control Strategy

**Strengthening or developing new tools:**

I. Laboratories and Epidemiology Teams  
and Networking

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## **Development of a Global PPR Control Strategy**

**LESSONS LEARNT from the SUCCESSFUL RP GLOBAL ERADICATION:**

**THE “FLAG” of MANY PLAYERS:**

- **National Institutions,**
- **Regional Institutions,**
- **Donors**
- **International Organizations: FAO, OIE, IAEA**



## **Development of a Global PPR Control Strategy**

**LESSONS LEARNT from the SUCCESSFUL RP GLOBAL ERADICATION:**

**One of the KEYS of this SUCCESS:**

**COOPERATION Between COUNTRIES in Region and**

**TRUST**



## Development of a Global PPR Control Strategy

### **LESSONS LEARNT from the SUCCESSFUL RP GLOBAL ERADICATION:**

- **TRUST** between **CVO** and **Diagnosticians (Laboratories)** at **National Level,**
- **TRUST** between **Diagnosticians** in the **REGION**



## **Development of a Global PPR Control Strategy**

### **LESSONS LEARNT from the SUCCESSFUL RP GLOBAL ERADICATION:**

- **TRUST** between Diagnosticians in the **REGION**:
- **In Africa, this was made possible through the laboratory network created by the IAEA for the Transfer of rinderpest diagnostic tests (platform for technology transfer but also platform for sharing experiences)**



## Development of a Global PPR Control Strategy

### LESSONS LEARNT from the SUCCESSFUL RP GLOBAL ERADICATION:

- One of the **SUCCESSSES** of PARC and PACE:
- **PROMOTION of NATIONAL EPIDEMIOLOGY NETWORKS:** the First step in **DISEASE Control** is the **Diagnosis**, but no **Diagnosis** if no **SAMPLES** to be **ANALYSED**



## Development of a Global PPR Control Strategy

### LESSONS LEARNT from the SUCCESSFUL RP GLOBAL ERADICATION:

- LABORATORY Network
- EPIDEMIOLOGY Network
  
- SADC has its Networks
- OIE: Laboratory TWINNING
- FAO Fostered the Establishment of Regional Networks in AFRICA
- IAEA: CRP Programmes



## **Development of a Global PPR Control Strategy**

### **IAEA Coordinated Research Programmes (CRPs):**

**SMALL NETWORKs 10-12 Contract Holders from Developing Countries and 2-4 Agreement Holders, the advisors, from Developed Countries on a particular subject (technology, disease).**

**CRPS to be Run for about 5 Years**



# Coordinated Research Project (Diagnosis and control of PPR)



**R&D and technology transfer**

- **Harmonization of procedures**
- **Organization proficiency testing**
- **Production of reference material**
- **Promotion of laboratory network**





## **Development of a Global PPR Control Strategy**

### **Laboratory Networks Promoted by FAO:**

**West and Central Africa Lab Network and East Africa Lab Network.**

**Within this Networks, there are: FMD Sub-network, ASF Sub-network and PPR Sub-Network**

# PPR Ring Test 2012

	Positive	Negative	False Positive	False Negative	T. Samples	T. Positive	T. Negative
Lab1	100	50.0	50.0	0	8	4	4
Lab2	100	0	100	0	8	4	4
Lab3	100	0	100	0	8	4	4
Lab4	75	100	0	25	8	4	4
Lab5	0	0	0	0	8	4	4
Lab6	100	100	0	0	8	4	4
Lab7	0	0	0	0	8	4	4
Lab9	100	75	25	0	8	4	4
Lab10	100	100	0	0	8	4	4
Lab11	100	50	50	0	8	4	4
Lab12	75	75	25	25	8	4	4
Lab13	100	100	0	0	8	4	4
Lab14	50	50	50	50	8	4	4
Lab15	100	100	0	0	8	4	4
Lab16	100	75	25	0	8	4	4
Lab17	100	50	50	0	8	4	4
Lab18	100	25	75	0	8	4	4
Lab19	100	100	0	0	8	4	4
Seib Lab20	100	100	0	0	8	4	4
Lab22	100	100	0	0	8	4	4
Lab23	75	50	50	25	8	4	4



## **Development of a Global PPR Control Strategy**

**In CONCLUSION, the Global PPR Control Strategy SHOULD take into Consideration:**

- **the Development and Strengthening of PPR Diagnosis Capabilities at National Level**
- **Fostering the Collaboration between Laboratories (lab Networks), between Epidemiologists (Epi Networks) and Diagnosticians and Epidemiologists**



# **Development of a Global PPR Control Strategy**

**THANKS**