

## POLICY BRIEF

# Increasing Incidence of Rabies in Dogs in the Philippines



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# EPIDEMIOLOGY OF RABIES

- Viral zoonotic disease causing encephalitis
- Acute infection of CNS with fatal outcome
- Rabies is a disease primarily of animals

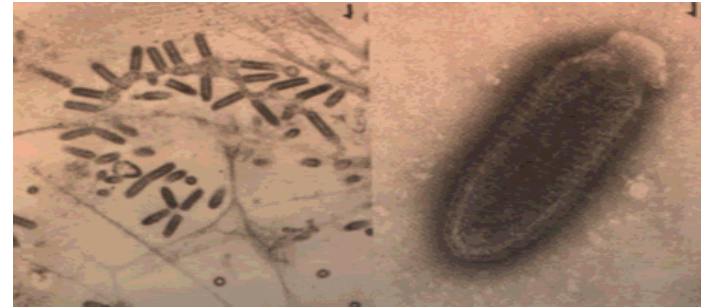


FIGURE 2—Rabid dog exhibiting aggressive behavior.

# EPIDEMIOLOGY OF RABIES

- Urban(canine)rabies –transmitted by dogs (Cats and other mammals have spill over infections)
- Sylvatic rabies –disease of wild carnivores
- Occurrence : worldwide reported to other countries.

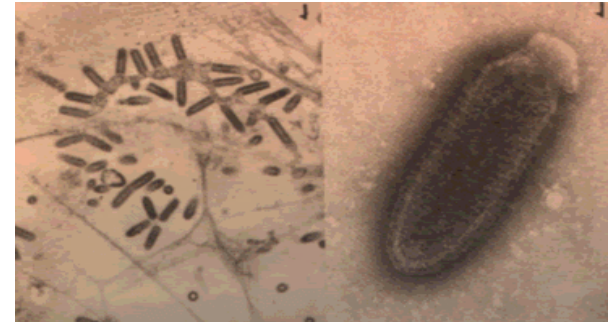
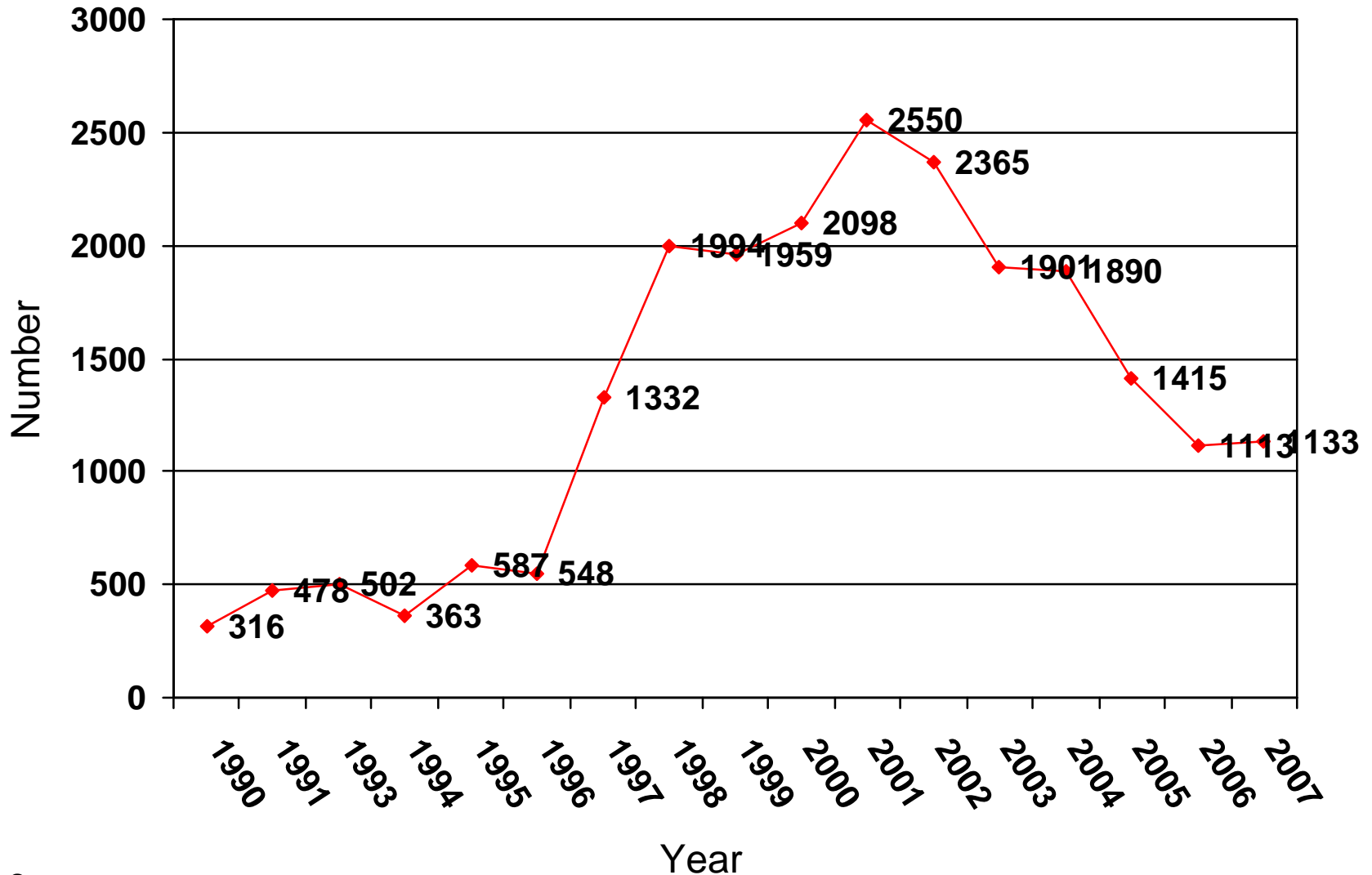


FIGURE 2—Rabid dog exhibiting aggressive behavior.

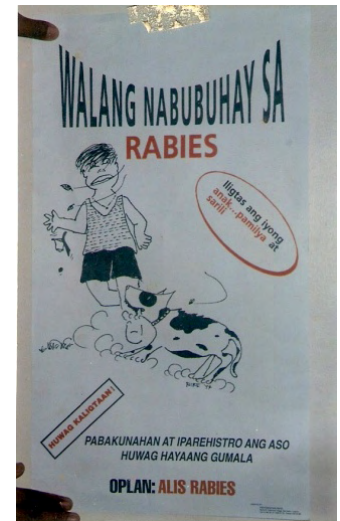
# Number of Animal Rabies in the Philippines, 1990-2007



Source:  
Phil Animal Health Center, BAI

# Solutions

- Capacity Building / Advocacy
  - Regional Animal Diagnostic Laboratories and the stakeholders
  - Production and Distribution of IEC Materials
  - Responsible Pet Ownership
- Save money for the family



# What Issues / problems

- RADDL equipment lacking /Reagents/
- Vaccines not tested by Phil. Animal Health Center as vet. Regulatory body
- High cost of vaccination for the patient
- Animal Rabies Lab. Diagnosis form is incomplete
- Laboratory sample (dog head) is unfit for testing





**RITM in 1981**



**RITM in 1989**



# Research Groups

## 1981 Research Projects

Acute respiratory  
infections  
Diarrhea  
Schistosomiasis

## 2008 Multidisciplinary Research Groups

Acute respiratory  
infections  
Diarrhea  
Schistosomiasis  
Dengue  
Filariasis  
Filovirus  
Hepatitis  
HIV/AIDS  
Leprosy  
Malaria  
Rabies  
TB  
Emerging Diseases

# Problem Tree Analysis

Tourism

Animal Health

Public Health

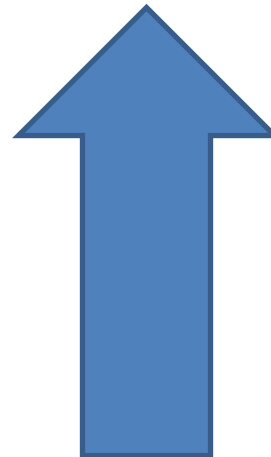
Vision

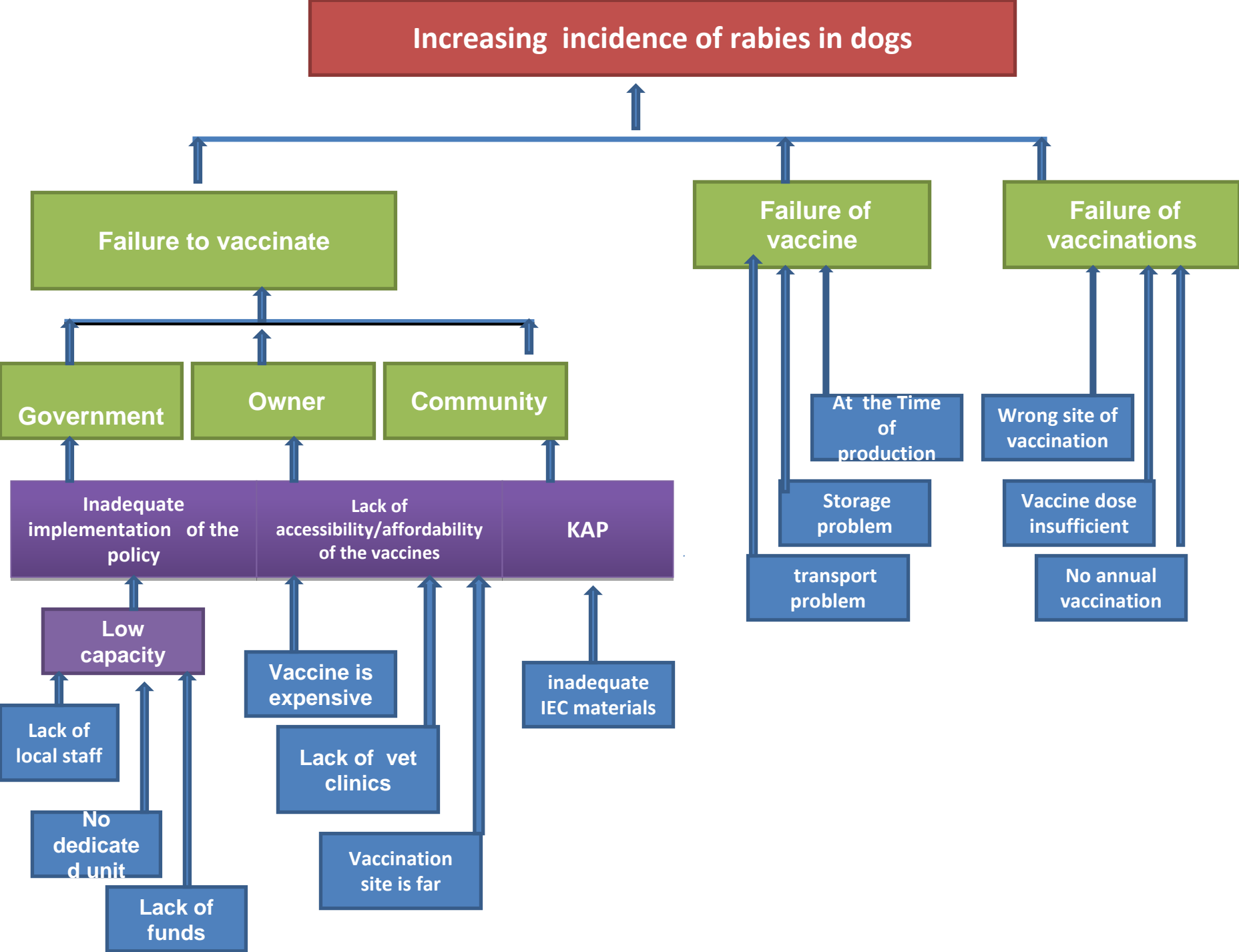
Problem

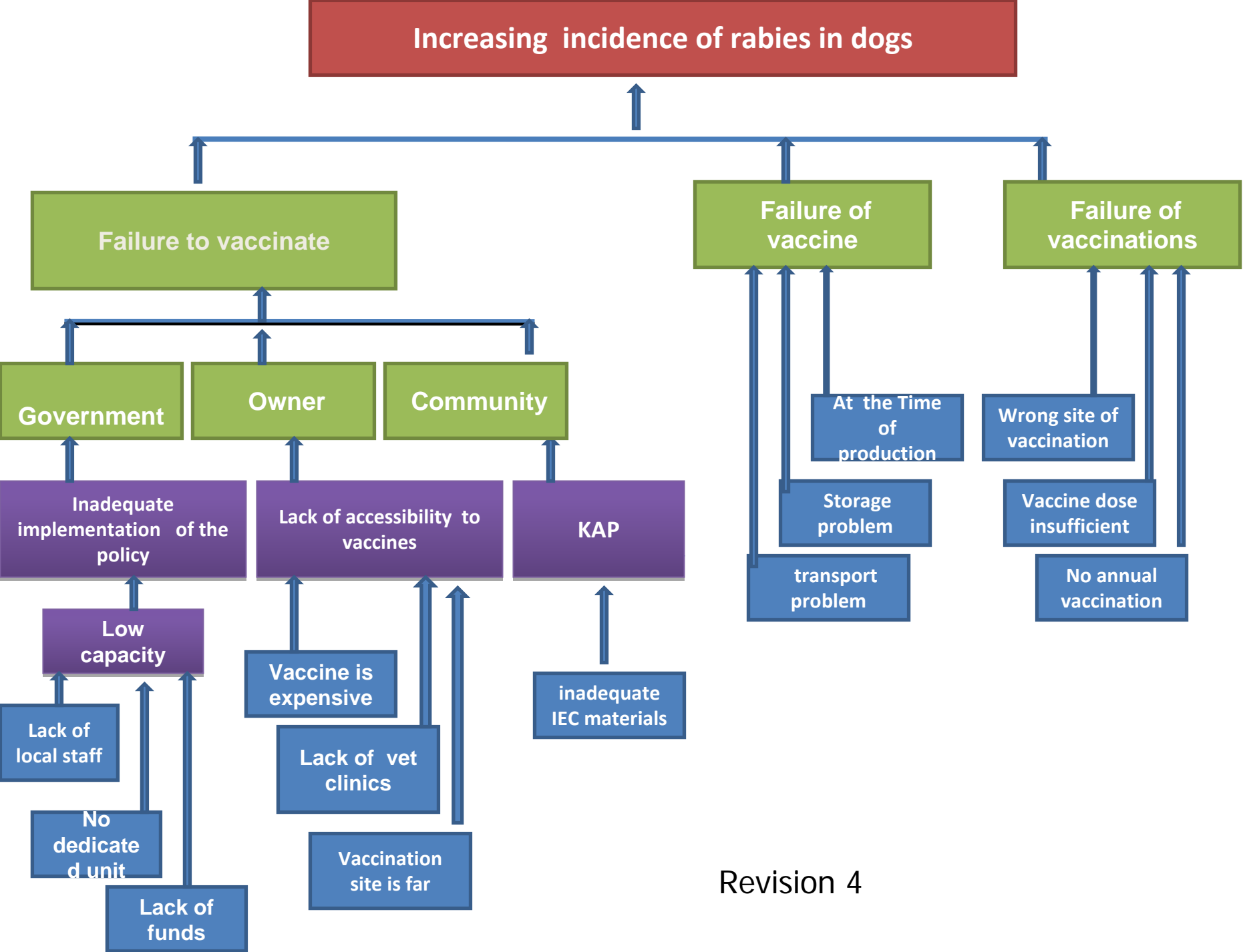
Increasing Incidence of Rabies in Dogs

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Revision 4

**Causes**

**Subcauses**

**Root Causes**

**Solutions**

**Stakeholders**

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**Government level**

Inadequate implementation of the policy

Strict implementation of the policy

BAI Director , AHD Chief, Governor Mayor and staff / Vet. Org. NACADCE

additional local staff

Mayor, Budget Officer Accountant

Low Capacity

Creation of the local organizational structure

Mayor , AHD

Funds Sourcing

BAI Director , AHD Chief/ Prof. Org/Government Partners

**Individual level**

Lack of accessibility/affordability of vaccine

Ensure that vac. site is near the local brgy, centers

Dog Owners/ Brgy. Leaders /

Regulated price of vaccine

Private Vet Clinics /Vet. Companies and Suppliers/

**Community Level**

KAP

Develop IEC Materials

BAI AHD Chief / Surveillance Officer / Mayor, Information officer

## Causes

## Subcauses

## Solutions

## Stakeholders

**Failure of the vaccines**



At the time of Production	Conduct testing of vaccine
Storage Problem of the vaccine	Provide Proper Storage
Problem After the Transport	Provide Transport system



BAI Dir., PAHC Chief ,RITM ,RADDL
BAI Dir.,AHD Chief, , Biomed Engr. ,Warehouse Head ,Lab Staff
Biomed Engr. Warehouse Head , Lab Staff

**Failure of vaccinations**

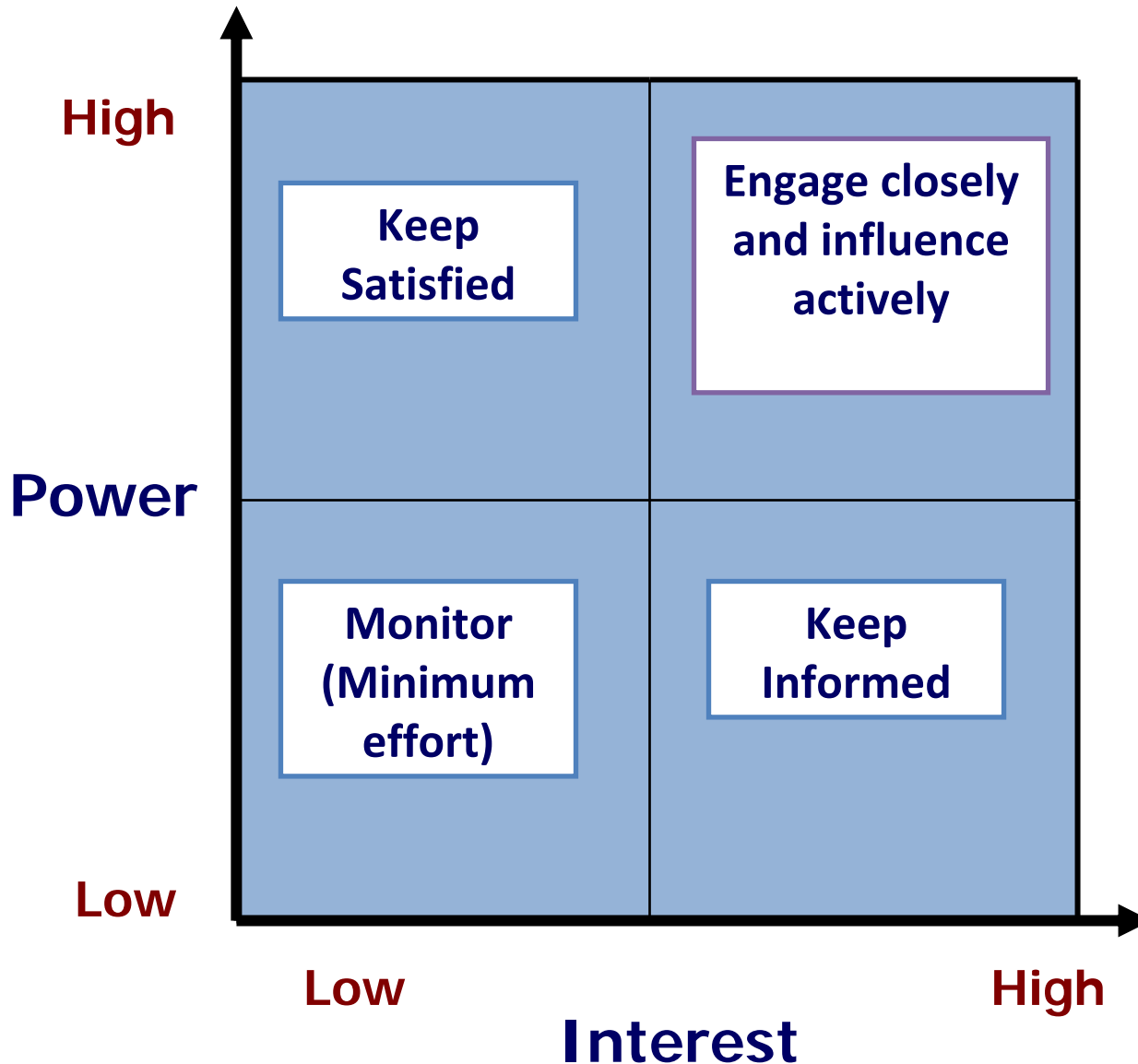


Wrong Injection site	Conduct proper training
Insufficient Dose	Provide correct /proper dose of vaccine
No annual vaccination	Conduct yearly vaccination(annual vaccination)

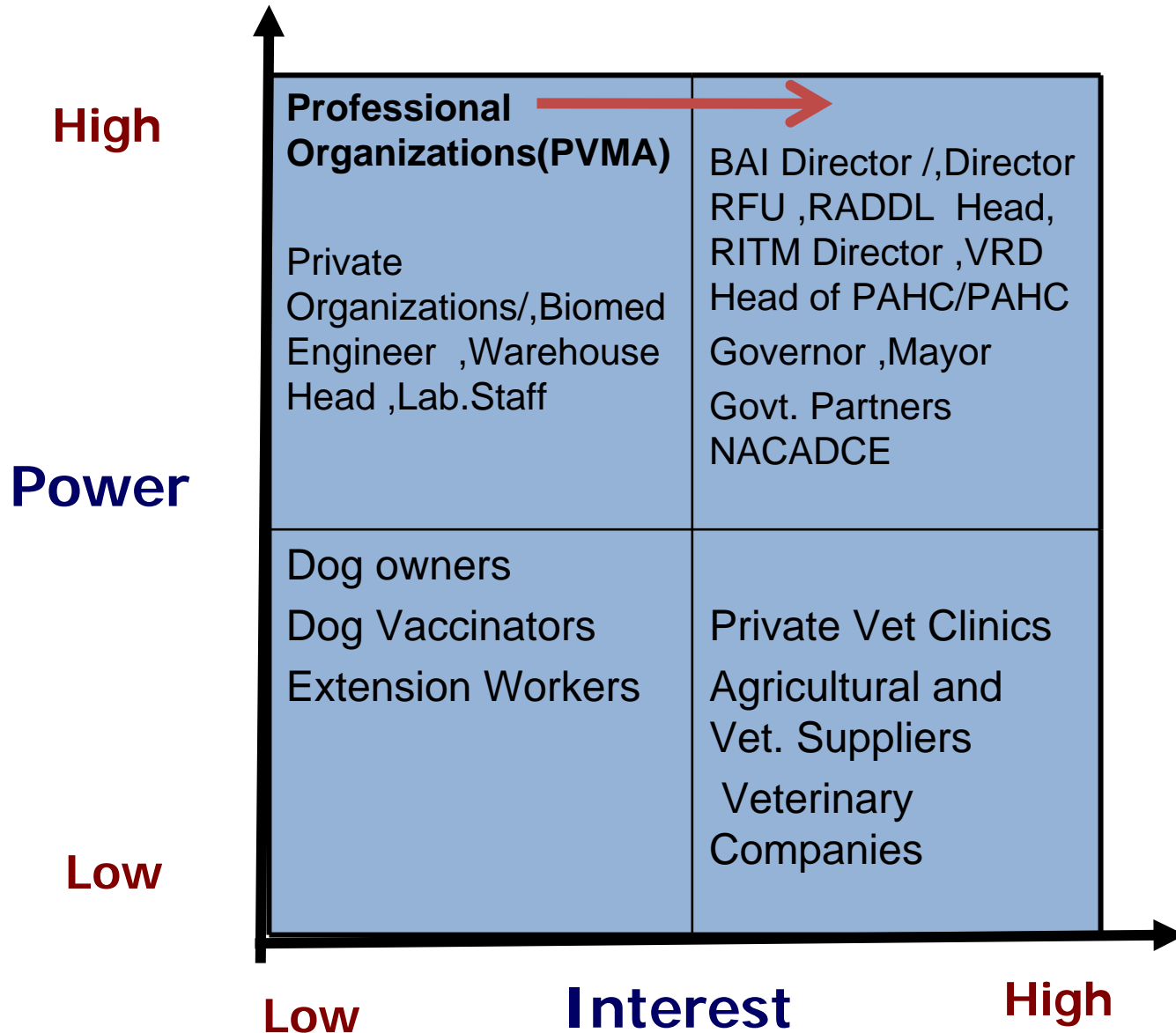


BAI Animal Health Chief, RADDL Chief,PAHC Head,Vets, Governor ,Mayor, Dog owners, vaccinators,
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# Stakeholder Analysis

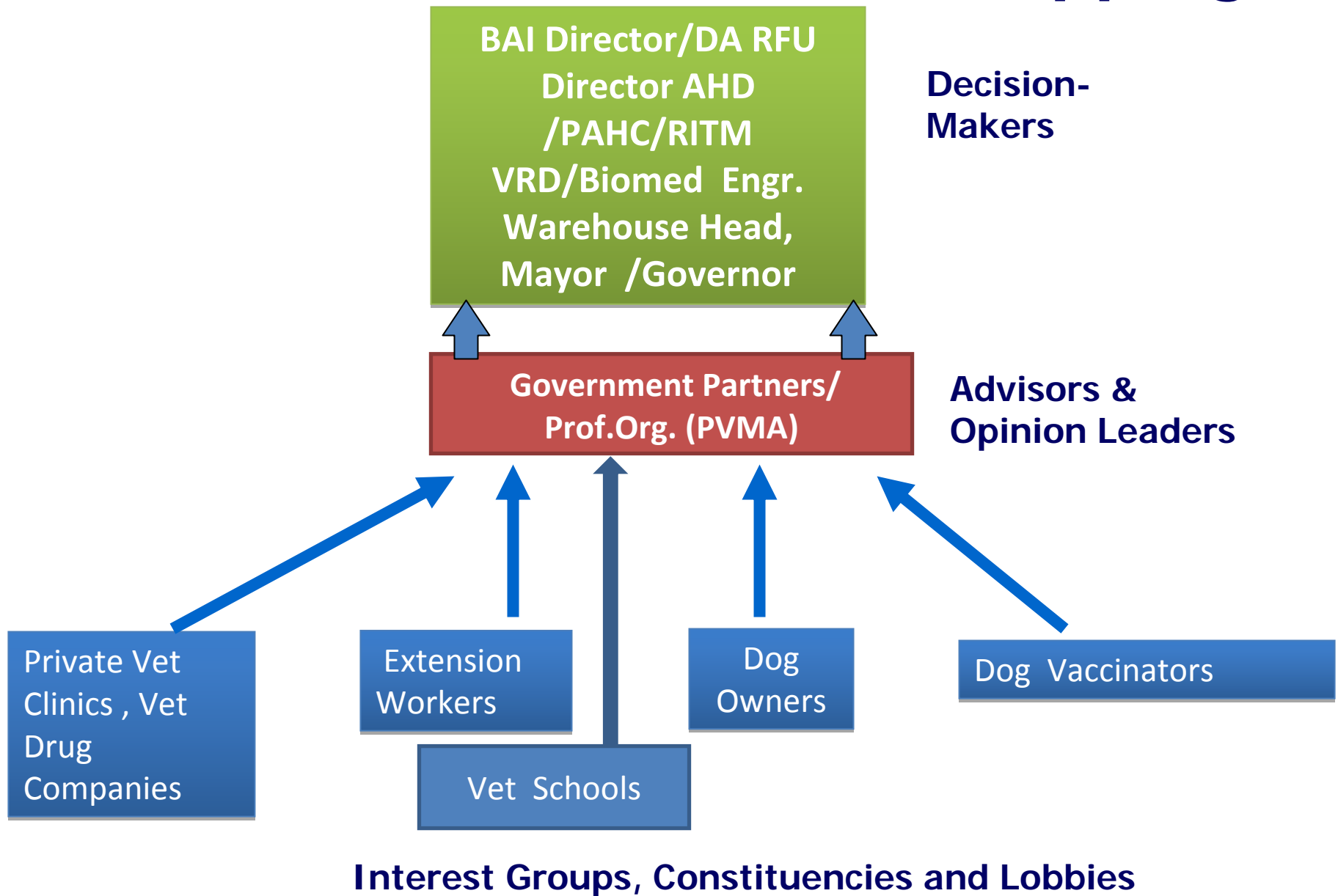


# Stakeholder Analysis





# Stakeholder Influence Mapping



# Goal 1

Submission of Policy Brief to RITM Director for Approval by the end of October 2010.

## ACTION PLAN

Objective 1	Activities	Process Indicators	Output Indicator
To assure internal consensus and agreement on policy brief	Discuss policy brief to Vet. Research Dept. (VRD) Staff for inputs on problem solution - evidence	Dialogue conducted for support	Policy Brief consensus
	Face to face discussions with RITM Director for endorsement Policy Brief to BAI	Meeting conducted and received feedback for the RITM director	Policy Brief Endorsement

## ACTION PLAN

<b>Objective 2</b>	<b>Activities</b>	<b>Process Indicator</b>	<b>Output Indicator</b>
To advocate the policy idea to the Bureau of Animal Industry (BAI)	Meeting with BAI Director regarding policy idea Include additional input from BAI director suggestions/recommendation	Proceeding of the minutes of the meeting produced	Policy brief approved by the BAI director

## ACTION PLAN

<b>Objective 3</b>	<b>Activities</b>	<b>Process Indicators</b>	<b>Output Indicator</b>
To promote policy brief with other stakeholders	Stakeholders meeting to get interest and inputs on policy idea	Proceedings of the minutes of the meeting be provided/produced	Policy Brief supported by other stakeholders

Thank You !!!!!