



Rabies in Morocco



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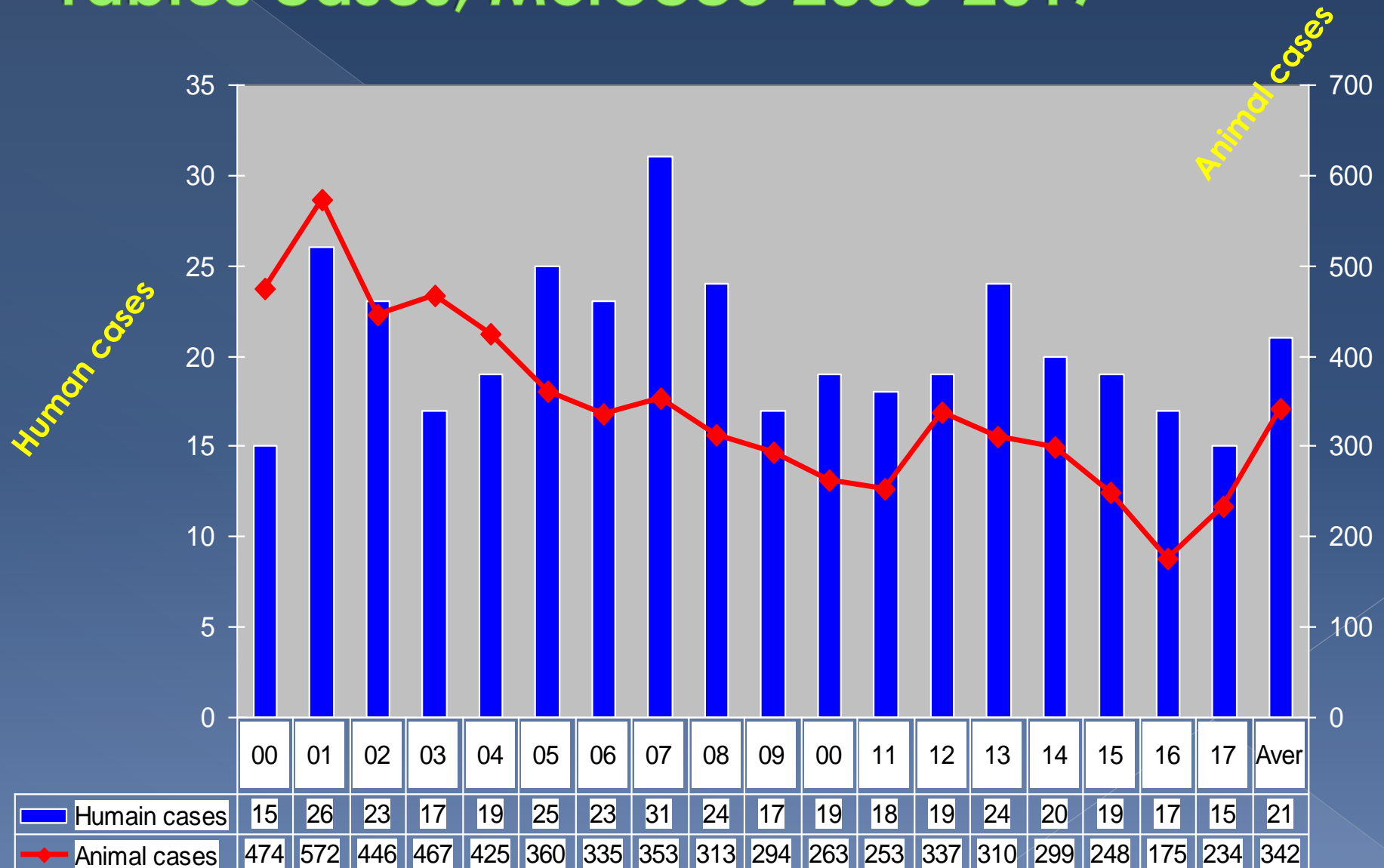
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Background

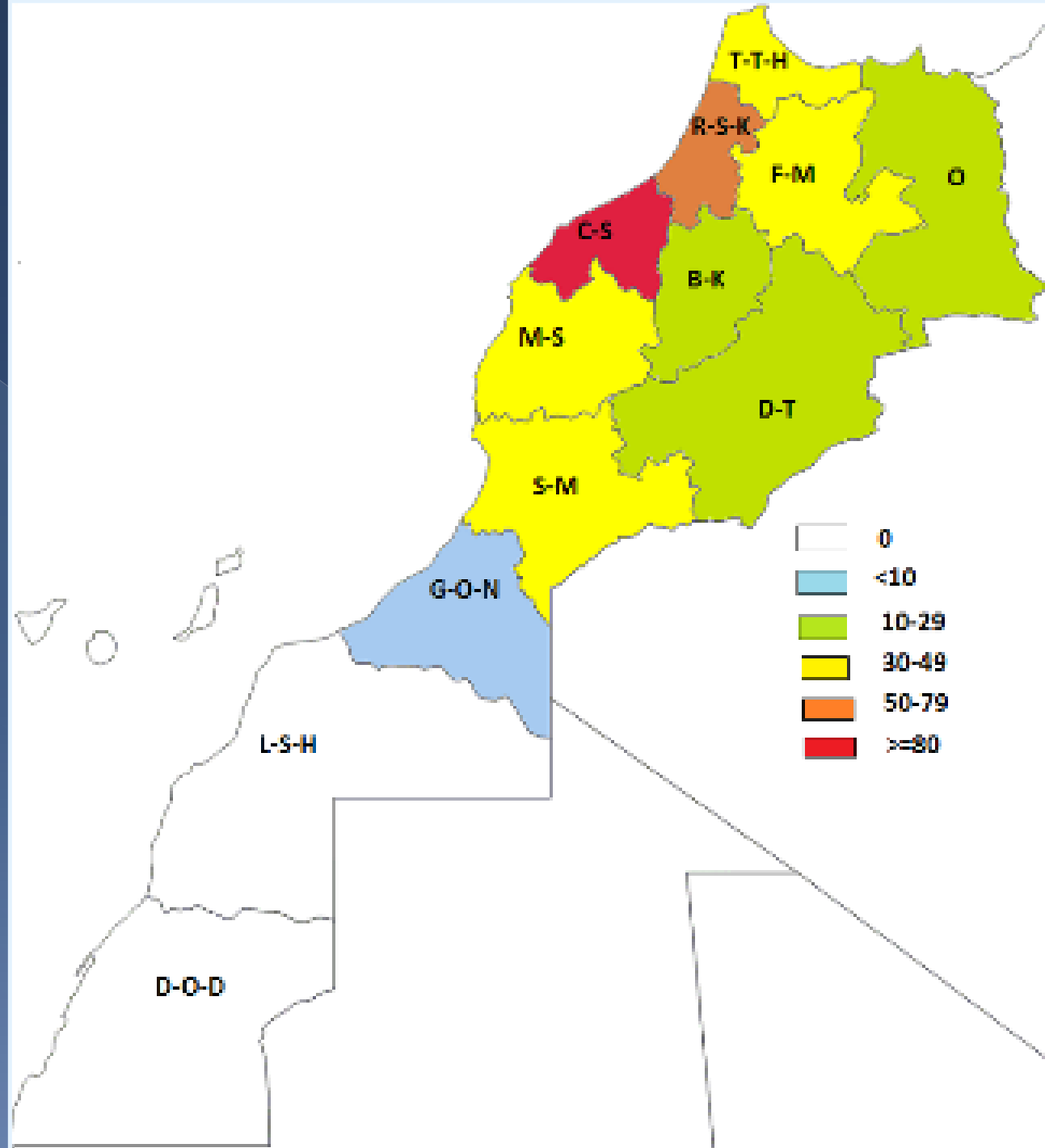
- ◉ Long history of rabies and the fight against rabies in Morocco
- ◉ Control efforts deployed have failed to achieve the goal of eliminating the disease
- ◉ Low coverage by Dog vaccination
- ◉ So far, animal and Human cases still occur in the country

Annual evolution of human and animal rabies cases, Morocco 2000-2017

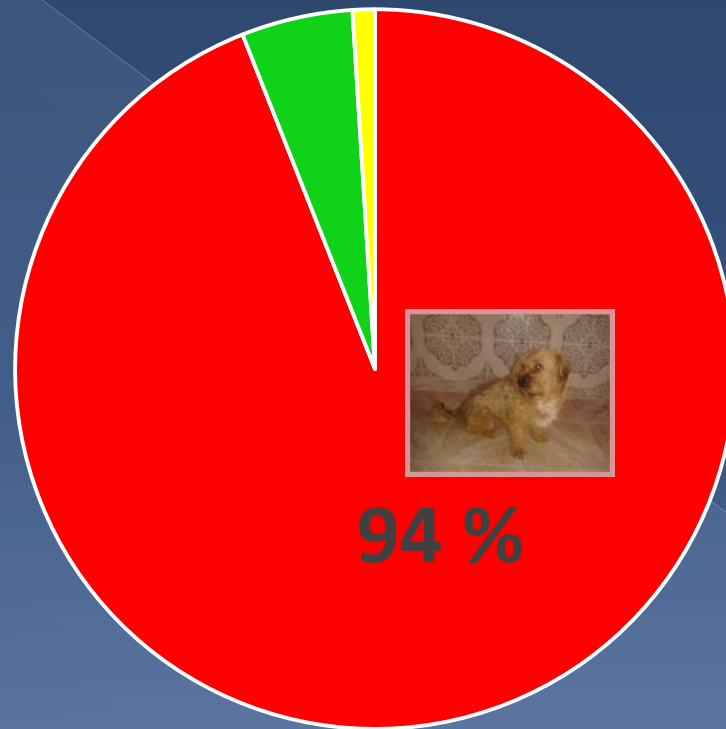


Cumulative of Rabies Human cases by region, Morocco, 2000-2017

N= 371



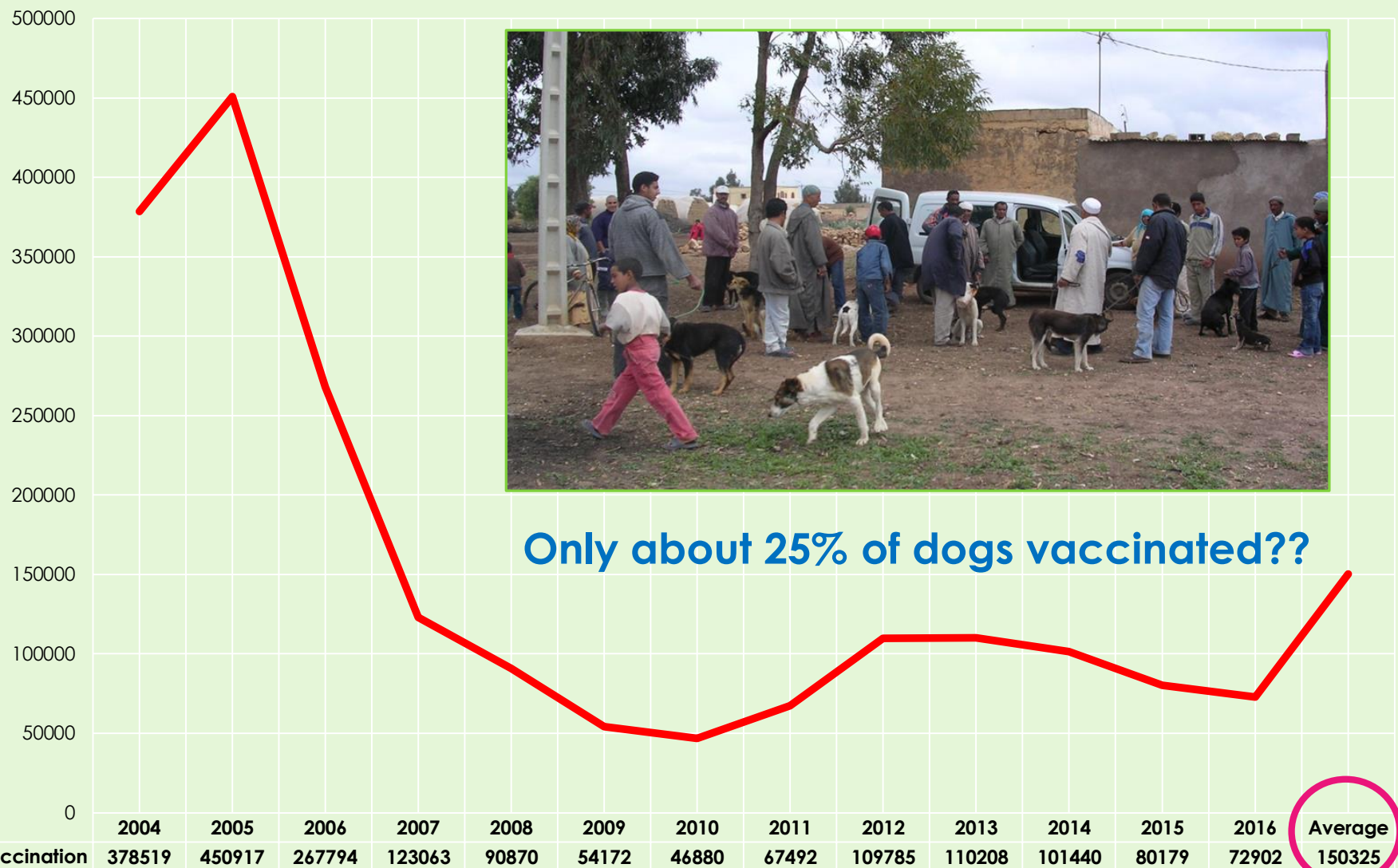
Distribution of human rabies cases by biting animal, Morocco, 2000-2017



N= 371

■ Dogs ■ Cats ■ Others

Annual evolution of dogs vaccination against rabies, Morocco 2004-2016



Post exposure Prophylaxis

- **Vaccination schedule:** 4-dose IM Zagreb Regimen (**2-1-1**): D0 – 2 injections and 1 injection at D7 and D21.
- **Vaccine used:** Verorab
- **65 000 people received PEP** in 2017.
- The vaccination is given free of charge in **265 rabies centers** in the country.
- The acquisition of the vaccine is provided by the municipalities.

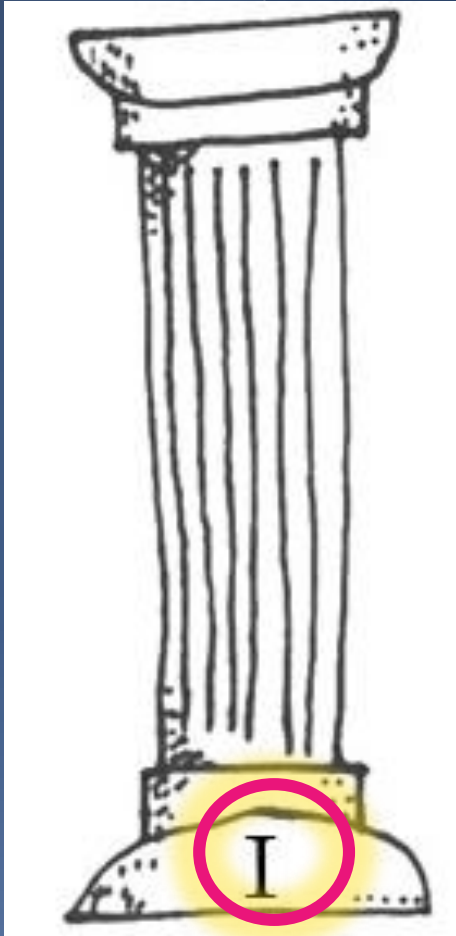


Governance of the program

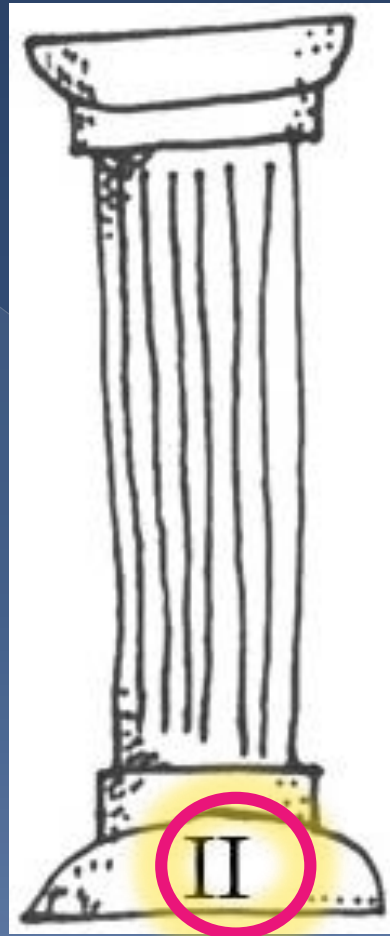
- **National Program since 1986**, revised in 2003 (interministerial circular)
- **Multisectoral** aspect of the governance and management:
 - > Role of each department well defined (MoH, Agriculture, Interior)
 - > interministerial Committee (national level)
 - > Provincial (local) committees



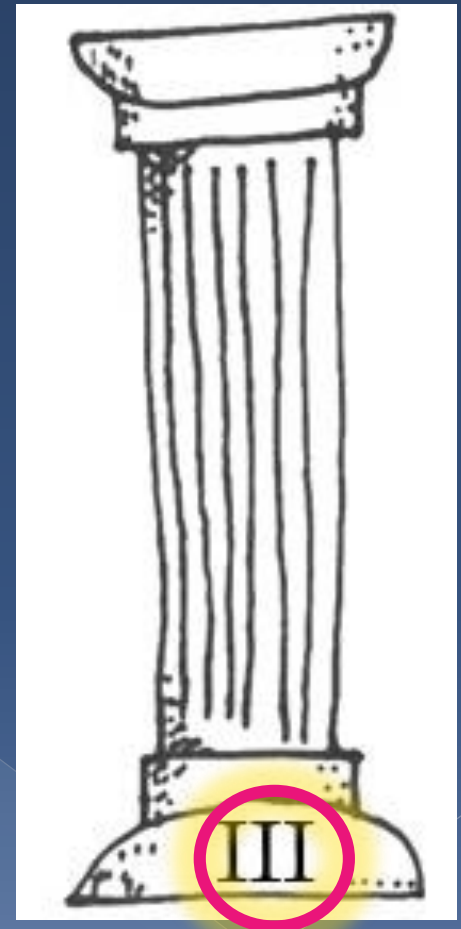
KEY ACTION POINTS



Revision of the program



Increase Dogs vaccination



**new training/
learning methods**

Main Future actions



- Development of a national plan for the elimination of the disease covering the period 2019-2030
- Conduct socio-ecological surveys on canine populations and Implement oral vaccination for inaccessible dogs (complement to parenteral vaccination)
- carry out awareness campaigns on dogs vaccination against rabies.
- Development and implementation of a training plan in support of the national plan to eliminate rabies.

Conclusion

- ⦿ Increasing the vaccination coverage rate remains one of the major challenges of the national rabies control program
- ⦿ Many other measures are also important:
 - > More Political Commitment
 - > Education/communication/Public awareness
 - > Regular Training
 - > Involvement of different partners (NGO +++)
 - > To seriously embark on an elimination program

Thank you for your attention.

