

Tools and resources that support the implementation of mass dog vaccination campaigns

Dr Andre Coetzer

Technical lead for rabies, Global Alliance for Rabies Control

World Rabies Day 2020
OIE, Africa region *Webinar*



What are required for successful dog vaccination campaigns?

Vaccinating **70%** of at-risk dogs is enough to eliminate dog rabies



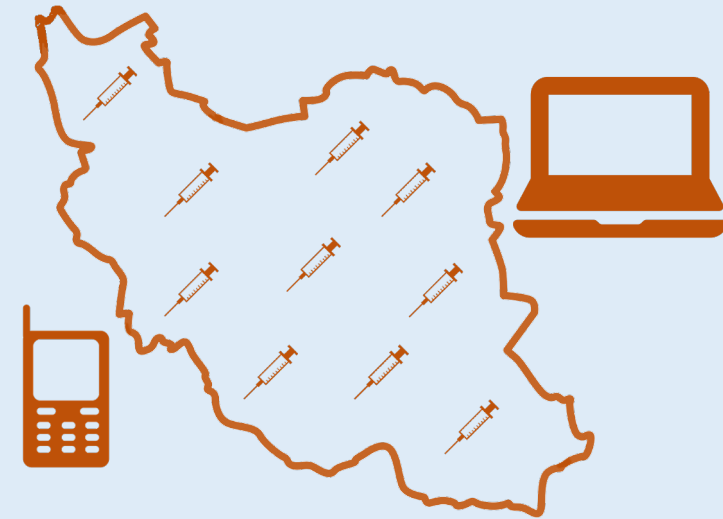
What are required for successful dog vaccination campaigns?



Training and preparedness



Community awareness



Ability to track vaccination

Training of vaccinators and support staff



Training of vaccinators and support staff

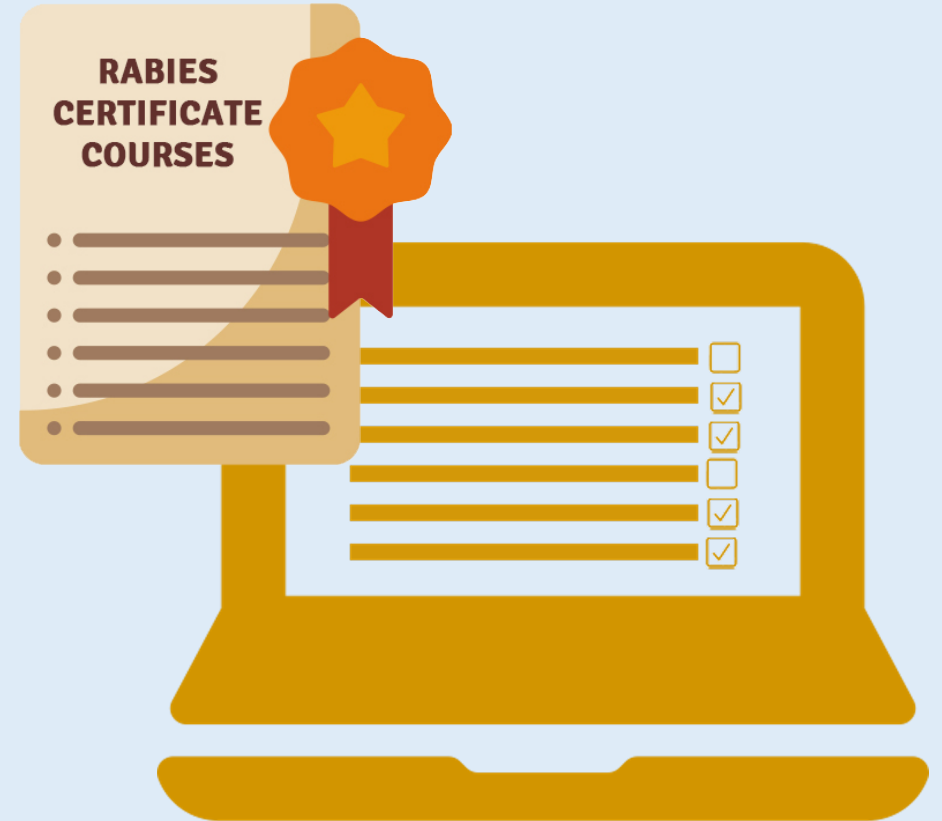
Staff need to be provided with training and educational resources on

- rabies and its prevention
- safely and humanely administering vaccine
- bringing the community together



GARC Education Platform

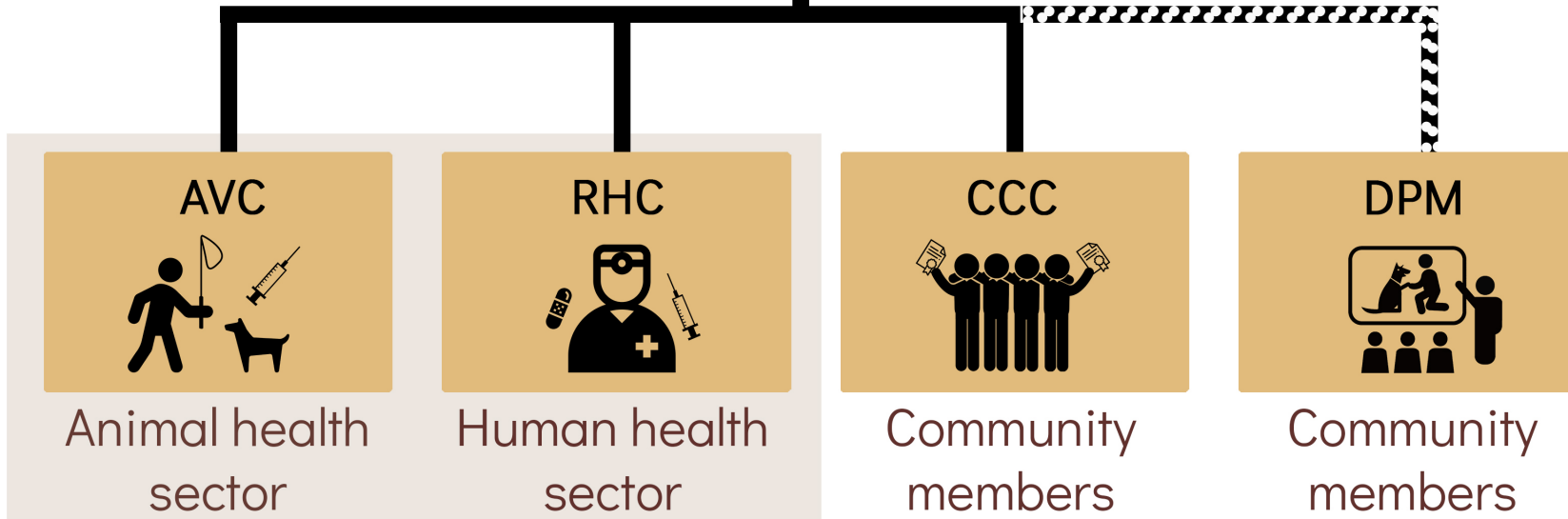
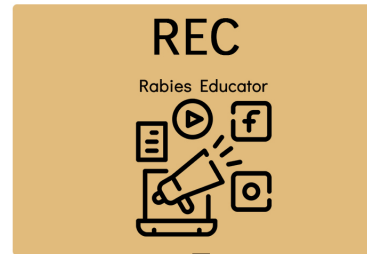
- **Online education website** with four courses that are **freely available**
- Passing a course results in a **certificate of achievement**



<https://rabiesalliance.org/capacity-building/gep>

5 essential courses from the Global Alliance for Rabies Control

All sectors



AVC



Animal health
sector

RHC



Human health
sector

CCC



Community
members

DPM



Community
members
& Stakeholders

- On we tha ava
- Pas res of

You are not logged in.

ne here?

take a minute to
b site. Each of the
"enrolment key",
e steps:
r details.
our email address.
link it contains.
u will be logged in.
rticipate in.
key" - use the one
will "enrol" you in the
rom now on you will
ame and password
access any course

GARC Education Platform



Since 2015, an estimated **5,65 million** people have been reached with information on rabies and responsible dog ownership through the GARC online courses.

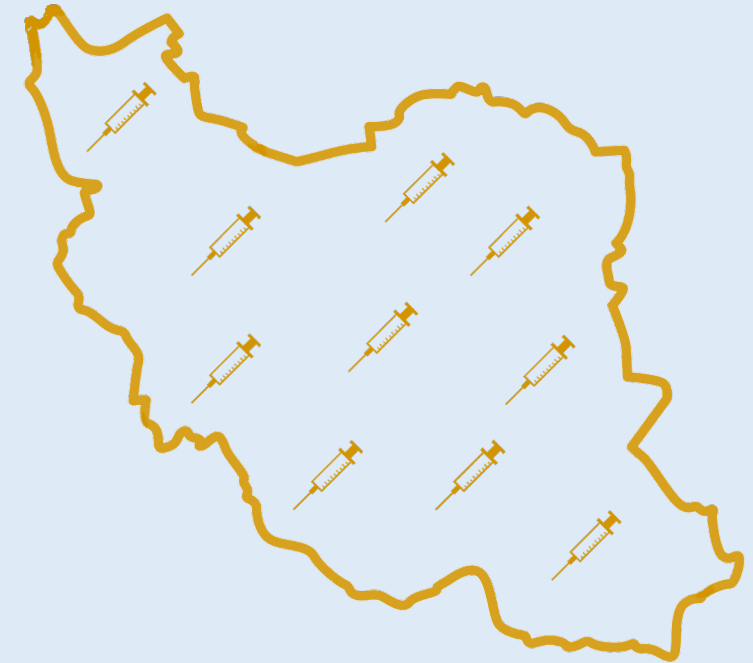
Tracking vaccination progress



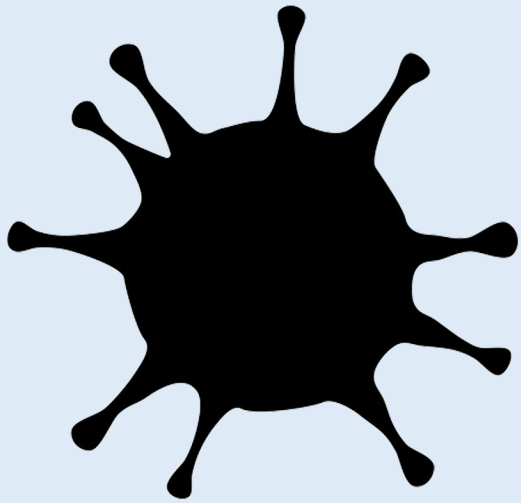
The ability to track dog vaccination events

Tracking disease intervention allows you to show:

- Where you have vaccinated
- Where you have not vaccinated
- Where more vaccination is required



Other diseases track intervention



COVID-19



Malaria



FMD

Should it be different for rabies?



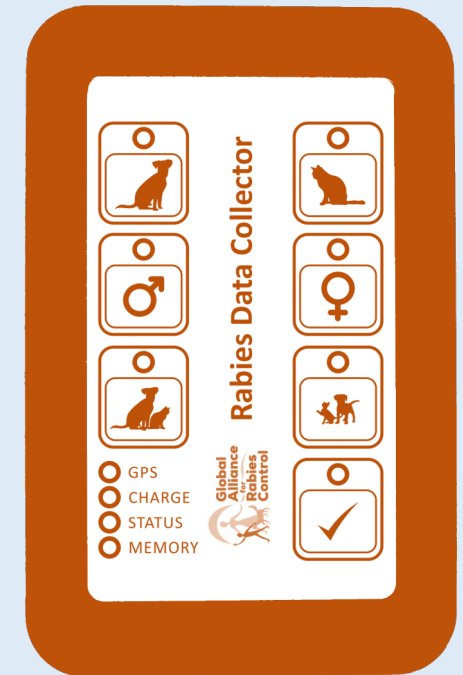
COVID-19



FMD

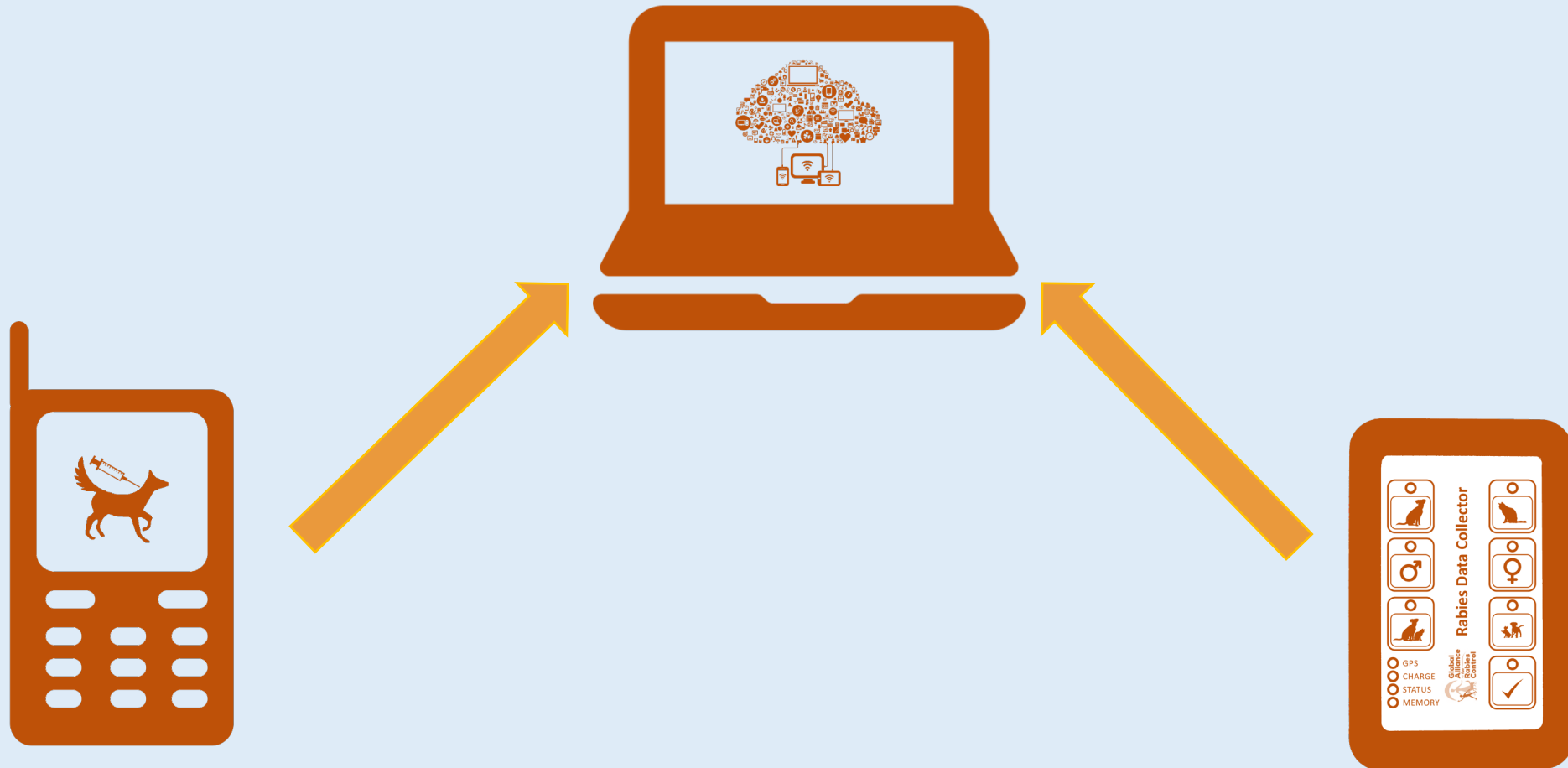
What tools or resources are available?

There are effective tools and resources available



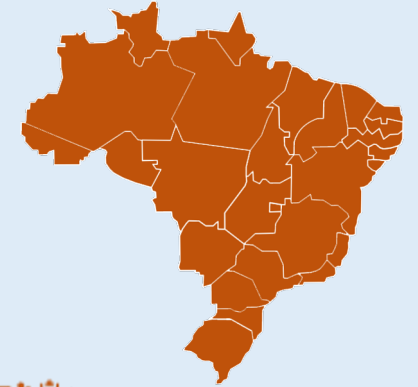
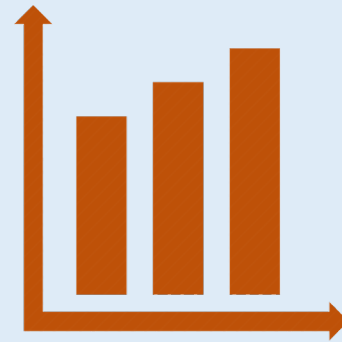
What tools or resources are available?

The ability to track dog vaccination events is available to anyone who uses
GARC's Rabies Epidemiological Bulletin



The GARC Rabies Epidemiological Bulletin

- **Comprehensive** rabies surveillance system
- **Integrated, intersectoral** data sharing
- **Government owned** and driven
- Facilitates **accurate** data reporting



Rabies Vaccination Tracker

- **Individual tracking** of every vaccinated animal
- **Maps** automatically created and updated
- **Real-time** campaign **monitoring**
- All data **stored on the REB** and belongs to the government



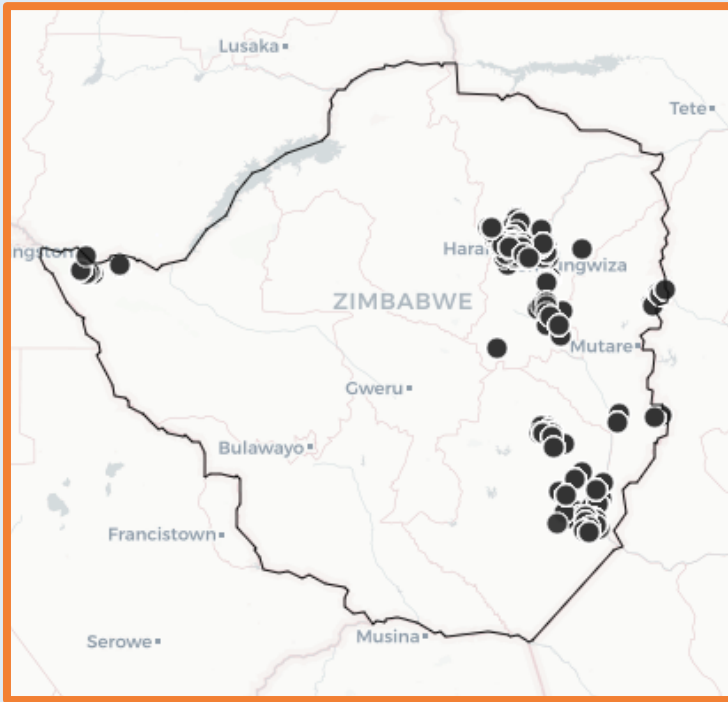
Mobile app



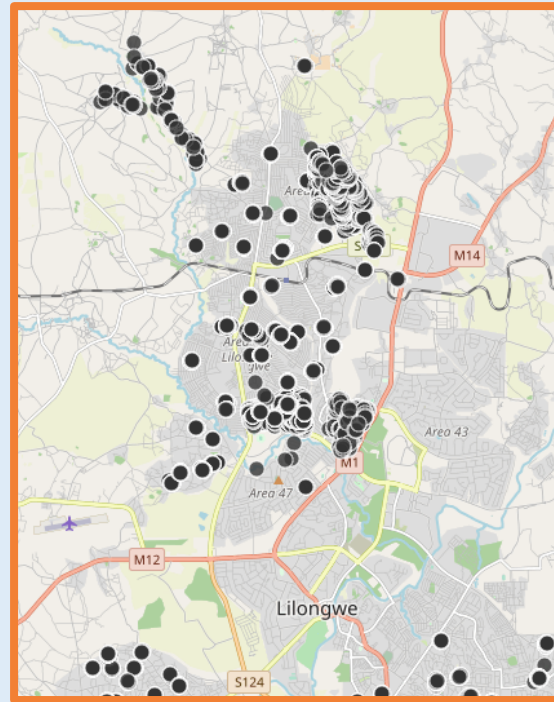
GARC Data Logger

Rabies Vaccination Tracker

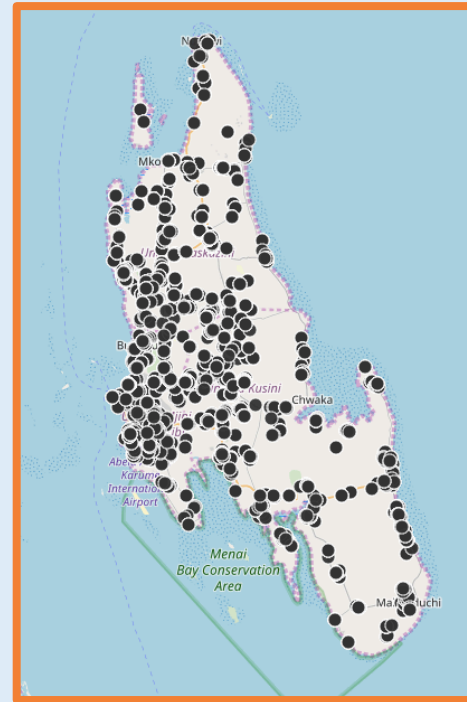
Some examples from Africa



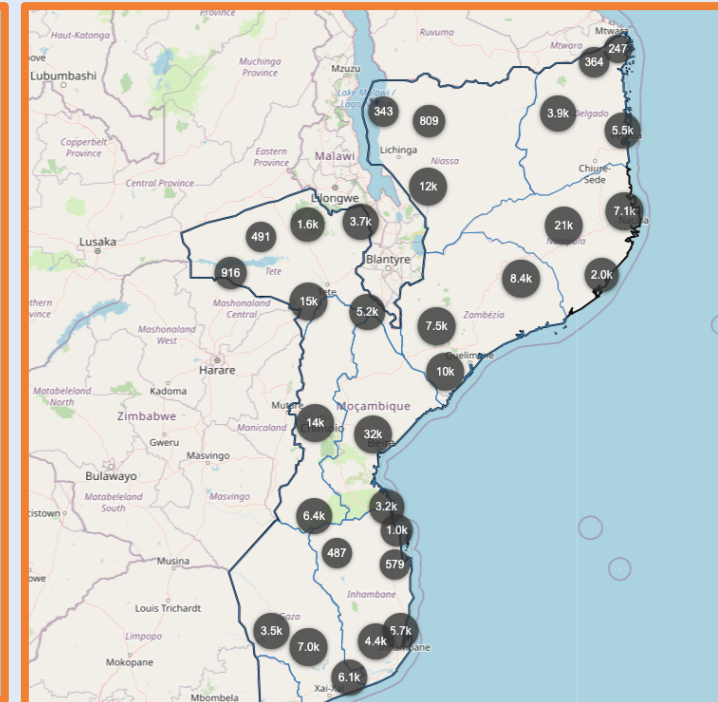
Zimbabwe



Malawi



Zanzibar



Mozambique

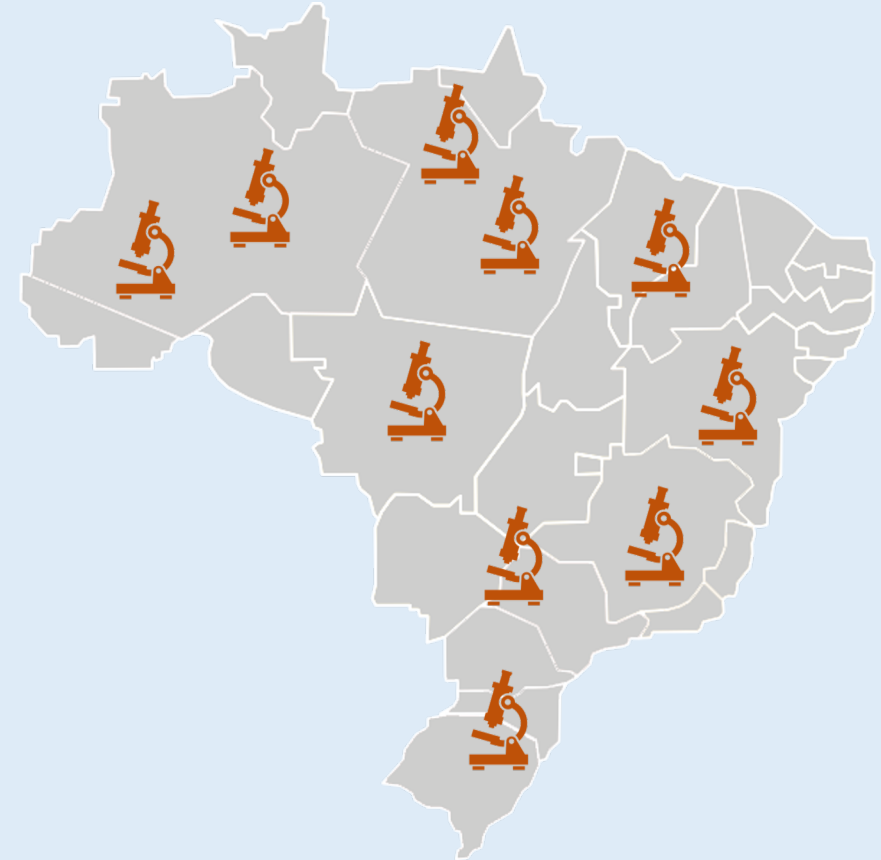
Rabies Vaccination Tracker

Since 2018, more than **350,000** vaccinated animals have been tracked using the REB.



Measuring the impact of dog vaccination events

- **Successful dog vaccination campaigns** result in a decline in rabies cases
- **Good real-time surveillance** relies on rapid and up-to-date reporting and notification



Rabies Case Surveillance

- Facilitates **mapping and analysis** of all field and/or laboratory-diagnosed cases
- Identifies **rabies hotspots**
- Accurate **record-keeping** and tracking
- All data **stored on the REB** and belongs to the government



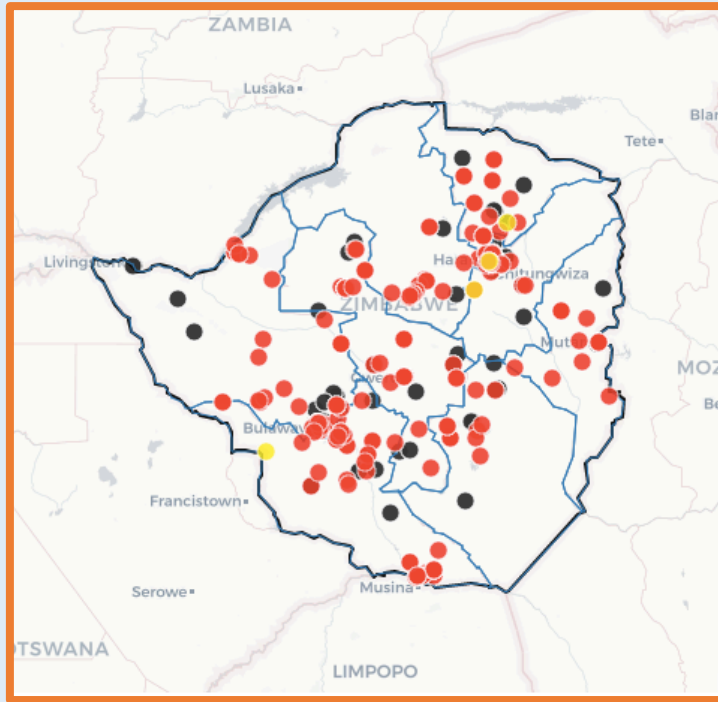
Mobile app



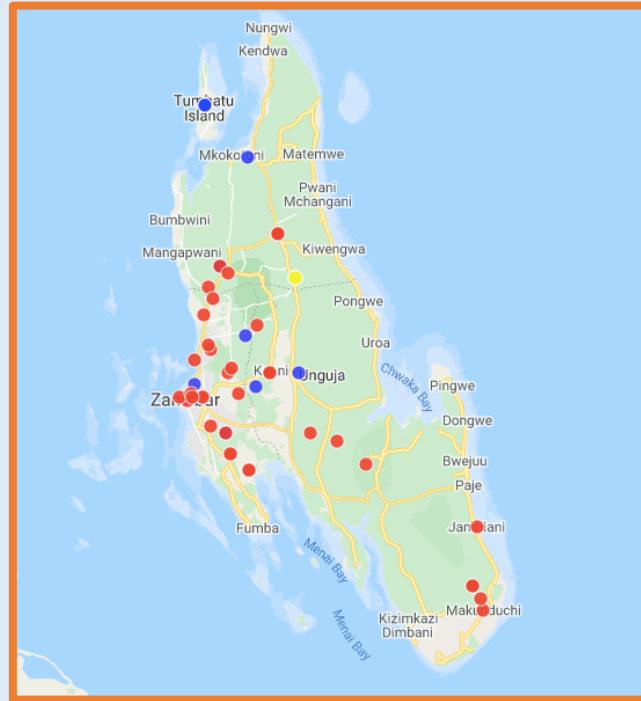
Computer with internet

Rabies Case Surveillance

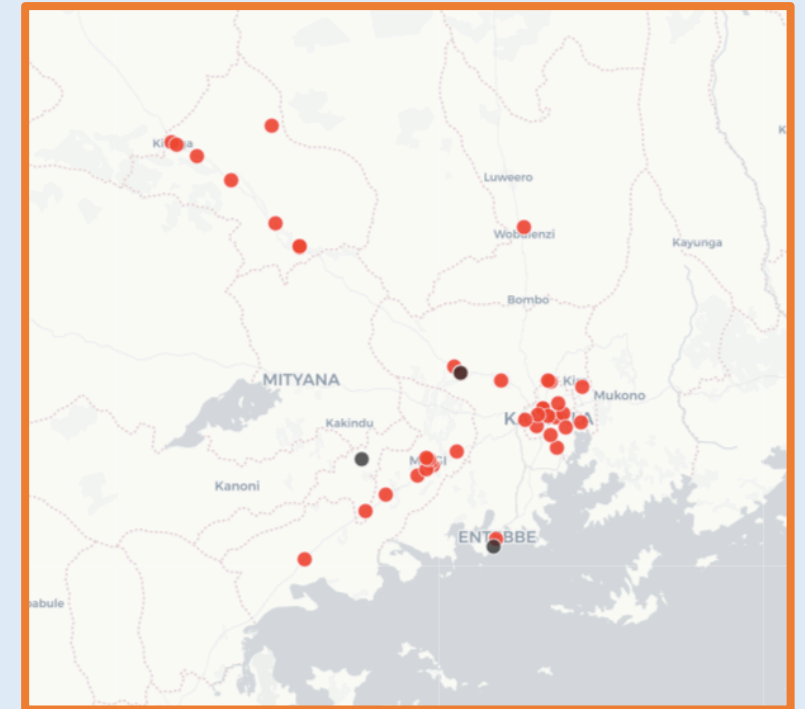
Some examples from Africa



Zimbabwe



Zanzibar



Uganda

Conclusion

- **Rabies elimination is a complex task.**
- **There is no need to complicate things further.**
- **We have the resources available to ensure that:**
 - Staff are properly trained
 - Communities are sensitized
 - Rabies vaccinations are tracked and monitored
 - Impact is measured with real-time surveillance

Thank you

- More information on the various tools and resources
 - GARC's Rabies Epidemiological Bulletin
<https://rabiesalliance.org/capacity-building/reb>
 - GARC Data Logger
<https://rabiesalliance.org/capacity-building/gdl>
 - GARC Education Platform
<https://rabiesalliance.org/capacity-building/gep>
- Email us to discuss your needs: reb@rabiesalliance.org