

# The GARC Data Platform

Malawi WOH Workshop

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RABIES ALLIANCE

*Ending Rabies. Empowering Communities.*

Read more on our website: [rabiesalliance.org](https://rabiesalliance.org)

# The GARC Data Platform

Comprehensive Platform created to assist with collecting, analyzing and visualizing rabies data.

The data is collected using different tools (accessed through an App) that collect key rabies data at the community-level.



**Education Initiative Tracker (EIT)**  
Tracking education and awareness  
pertaining to rabies.



**Vaccination and Sterilization Tracker (VST)**  
Tracking vaccinated and sterilized dogs during vaccination  
outreaches.



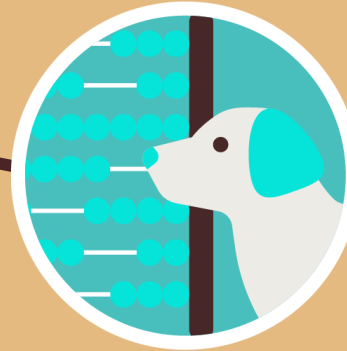
**Rabies Vaccination Tracker (RVT)**  
Tracking large-scale dog  
vaccination efforts.



**Rabies Case Surveillance (RCS)**  
Tracking animal and human  
rabies cases.



**Vaccination Coverage Estimator (VCE)**  
Estimate the dog vaccination  
coverage using a sight/resight  
approach.



**Biting Animal Quarantine (BAQ)**  
Tracking and monitoring biting animals  
being quarantined.



**Bite Case Tracker (BCT)**  
Tracking human bite  
cases.



# Vaccination tools



## Rabies Vaccination Tracker

Tracking large-scale dog vaccination efforts.



## Vaccination and Sterilization Tracker

Tracking vaccinated and sterilized dogs or dogs during vaccination outreaches.



## Vaccination coverage Estimator

Estimate the post vaccination coverage of a campaign using a sight/resight approach.



# Surveillance tools



## Bite Case Tracker

Track and monitor animal bites at a community level in real time.



## Rabies Case Surveillance

Track laboratory-confirmed and clinical rabies case in both animals and human.



## Biting Animal Quarantine

Track and monitor animals throughout their 10-14 day quarantine.

# Supporting tools

**Education Initiative Tracker**  
Tracking education and awareness  
pertaining to rabies.



**Rabies Treatment Tracker**  
Rabies bite patient management system that tracks  
exposed individuals through the entire PEP  
treatment process.



**Vaccination and Sterilization Tracker (VST)**  
Tracking vaccinated and sterilized dogs during vaccination outreaches.

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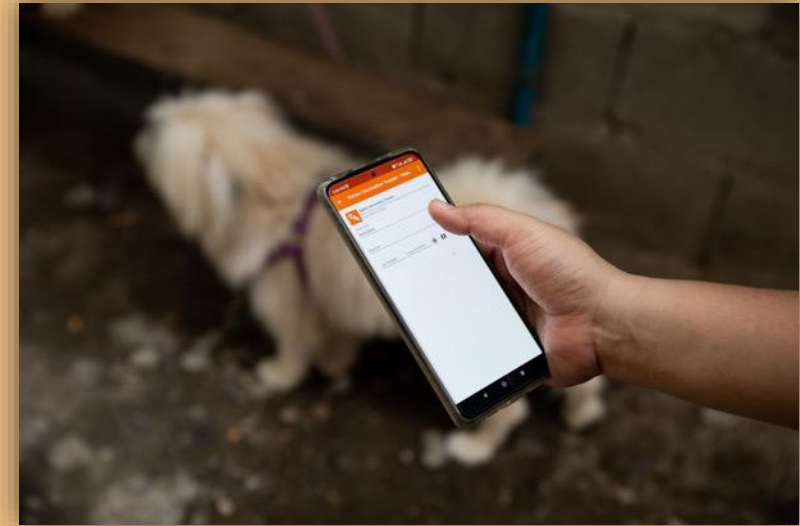
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Each tool can be implemented independently to address specific needs.

The tools can also be integrated seamlessly with others as they are all hosted on the same Platform.

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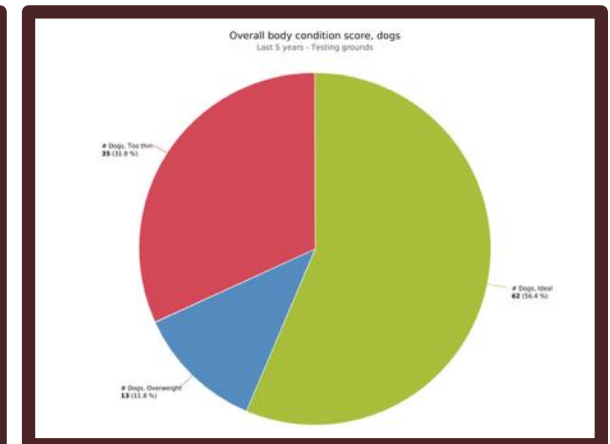
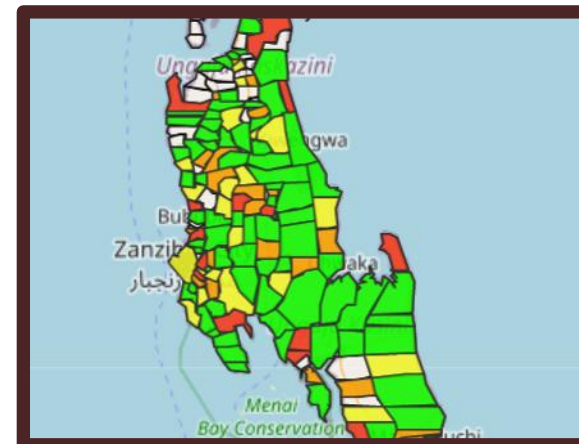
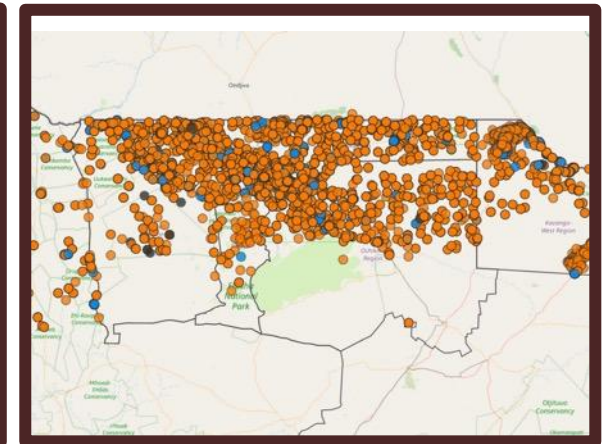
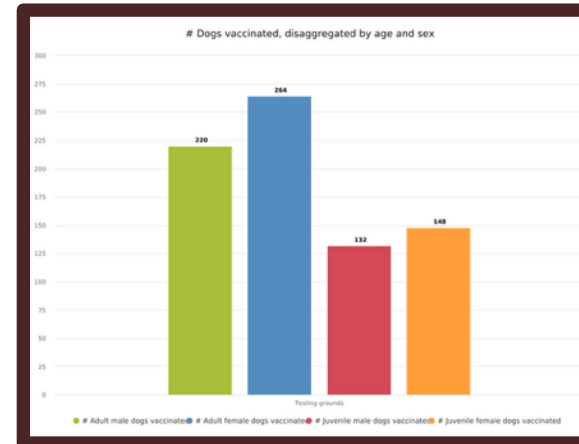
# How is the collected data visualized?



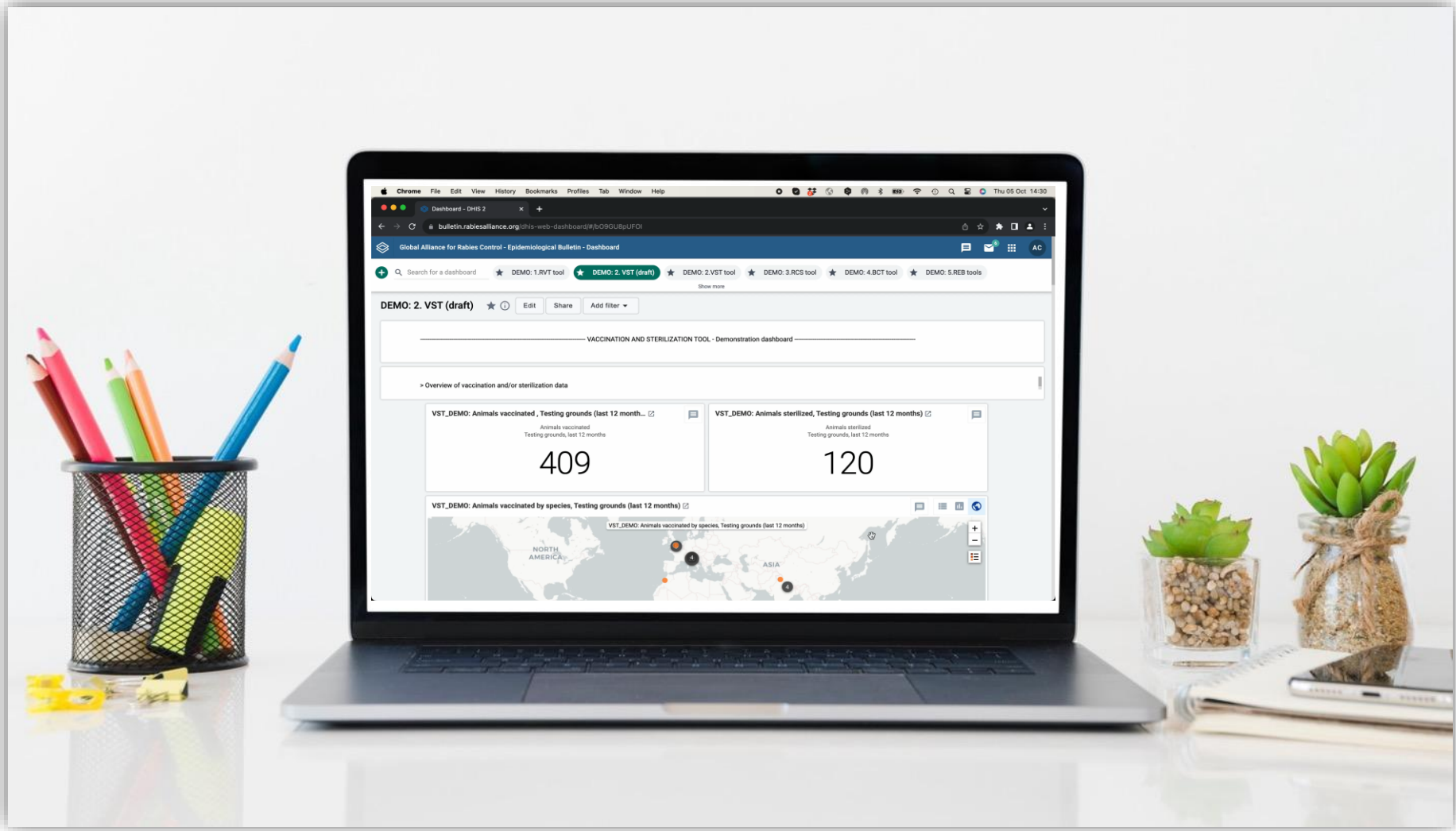
# Data outputs

The following outputs are automatically generated and updated in real-time!

- Detailed maps (points for each record)
- Various types of column and bar graphs
- Pie charts and pivot tables
- Raster maps (e.g., vaccination coverage)



# Data outputs



# Data outputs

These outputs provide various advantages.

- Enhanced data-driven decisions.
- Improved donor reporting and engagement.
- Simplified data sharing with other stakeholders.
- Enhanced coordination and collaboration.



# User Experience



## Data collection



One application allows the user to access different data collection tools that operate in a similar manner.

Data collection is a quick and easy process – does not interfere with daily duties of user.

## Data visualization



Data automatically analyzed and visualized via the web browser in real-time.

As multiple data sources can be viewed together, users simply need to log in and view the data.

# Use in LMICs



Used in 35+ countries around the world



## Features for enhanced usability in LMICs

1. Data collected **offline** using the mobile phone application.
2. Tools **can be translated** into any language.
  - English
  - French
  - Spanish
  - Hindi
  - Swahili
  - Amharic

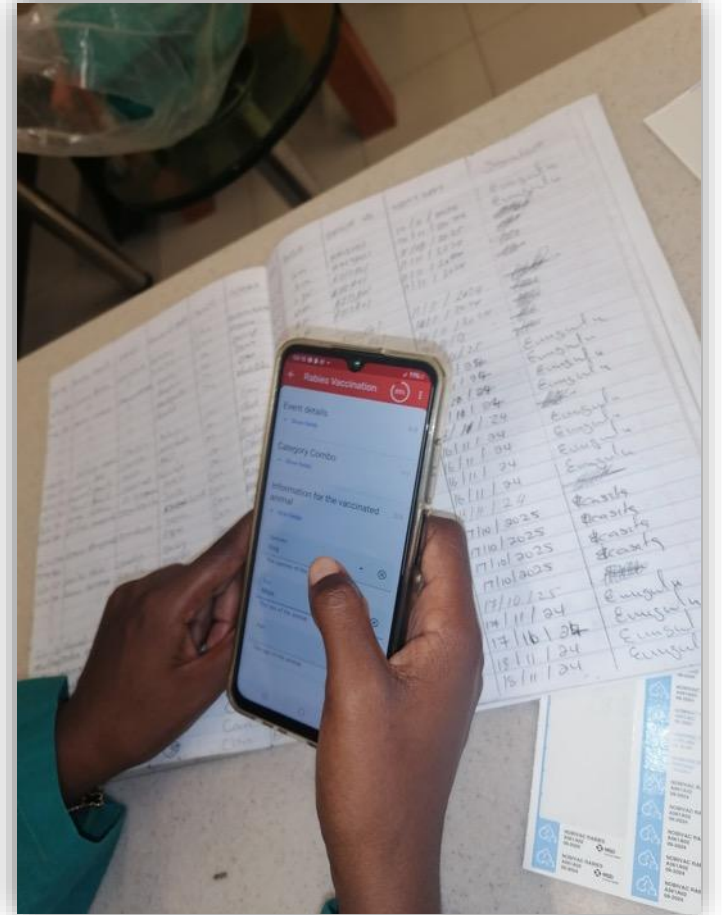




# Data security, ownership and usage.

# Data security and ownership

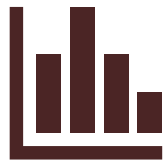
- All data belongs 100% to the user.
- **Users have full control over all their data.**
  - They can delete it, edit it, or add new data.
  - They can log in and view or download their data at any point in time.
- Nobody else can view a user's data (without permission)
- GARC cannot share or use any data without written permission.
- All data protected by full encryption and firewalls.



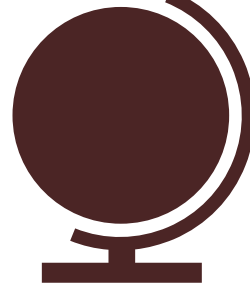
# Where is the GARC Data Platform used?



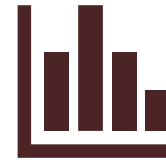
11+ governments



Used in 35+ countries



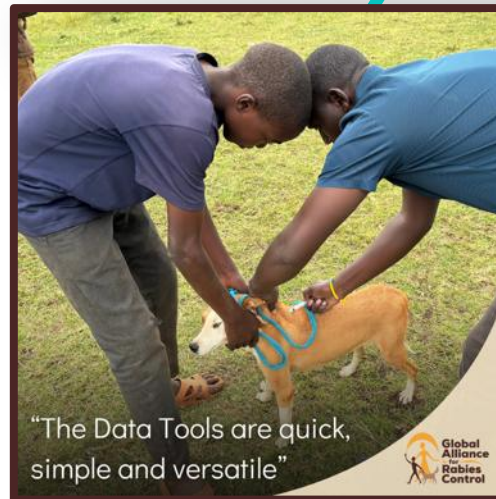
87+ NGOs



# Where is the GARC Data Platform used?



Learn more about our users here!



# Way forward



# Way forward

- The GARC Data Platform and the mobile phone application (the GARC App) is offered free of charge.
- GARC provides technical assistance and continued technical support free of charge.
- **You can benefit from improved data collection and visualization – while also engaging with potential donors in a more meaningful way – within a few weeks.**





## MORE INFORMATION:

### GARC's Data Platform

<https://rabiesalliance.org/tools/surveillance-tools/garc-data-platform>

Email us at [support@rabiesalliance.org](mailto:support@rabiesalliance.org)

One of the GARC team members will be in contact with you to arrange a live demonstration of the Platform.



*Ending Rabies. Empowering Communities.*



# Thank you.

QUESTIONS & ANSWERS

Contact us: [support@rabiesalliance.org](mailto:support@rabiesalliance.org)



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