



# Working Group 1

## Effective use of vaccines, medicines, tools and technologies

Partners for Rabies Prevention – United Against Rabies  
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Dr Rachel Tidman

On behalf of Dr Ryan Wallace and Dr Thumbi Mwangi (WG1 co-chairs)

# Overview



## Key objectives:

- Strengthen surveillance systems
- Maximise existing tools and information resources
- Enhance vaccination
- Engage communities for capacity building

1. Minimum Data Elements
2. Tool evaluation
3. Partnership map
4. Dog identification and human/animal bond
5. Rapid diagnostic testing
6. Dog vaccination

# Minimum Data Elements

- Identify minimum essential data elements to inform
  - Disease detection and IBCM
  - Dog vaccination
  - Human bite treatment and PEP
  - Vaccine and pharmaceutical stocking/delivery
- Focused on international level data – landscape analysis of documents with standardized definitions
- Development of document that provides set of minimum data elements
- Will be finalized soon and made available on the website

## Minimum Data Elements for Monitoring and Evaluation of National and International Rabies Control Programs

Developed by United Against Rabies, Working Group 1

Katie Hampson, United Kingdom

Fred Lohr, United Kingdom

Thumbi Mwangi, Kenya

Umme Ruman Siddiqi, Bangladesh

Naseem Salahuddin, Pakistan

Terence Scott, Luxembourg

Eduardo Undurraga, Chile

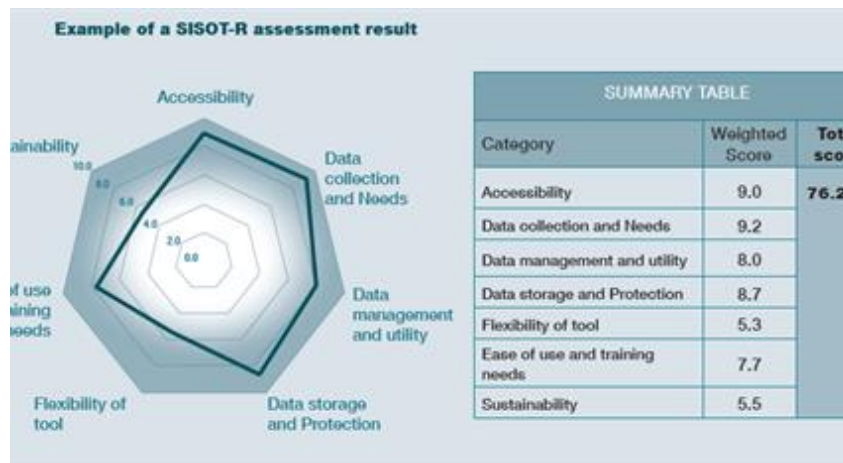
Ryan Wallace, United States





# Tool evaluation

- Collecting and evaluating existing tools
- Providing guidance to countries on how to adapt and use them to improve rabies programmes
- Alignment of tools and technical resources to SARE workplan to help stakeholders identify fit for purpose tools for activities
- Available on the UAR website
- Next steps: submission process for new tools



Please select resource type

Toolbox	Publications and Documents	Courses and Training	Media Library	UAR Best Practice
<p><a href="#">Rabies Economic Model</a></p> <p>Creation Date: Version 2.0 = 2021 Produced By: US Centers for Disease Control and Prevention (CDC)</p> <p>A mathematical model that can estimate the rate of dog-to-dog and dog-to-human rabies virus transmission. The model includes several user-defined interventions such as dog vaccination human vaccination and population management.</p>			<p>Categories</p> <p>Program / Strategy Economic Analysis, Planning Dog Vaccination Campaign Implementation Planning</p>	
<p><a href="#">Stepwise Approach towards Rabies Elimination (SARE)</a></p> <p>Creation Date: 2012 (last update 2019, v17) Produced By: Global Alliance for Rabies Control (GARC)</p> <p>The Stepwise Approach towards Rabies Elimination (SARE) has been developed as a practical planning and monitoring and evaluation tool to guide, develop, and refine national rabies control in line with international recommendations.</p>			<p>Categories</p> <p>Program / Strategy Planning, Prioritization</p>	
<p><a href="#">VaxPlan</a></p> <p>Creation Date: 2019 Produced By: US Centers for Disease Control and Prevention (CDC)</p> <p>A tool that allows users to design vaccination campaigns and see the expected cost and coverage. It helps vaccination campaign managers determine the appropriate amount of vaccine, most effective methods for distribution, and the cost of the plan.</p>			<p>Categories</p> <p>Program / Strategy Budgeting, Planning Dog Vaccination Campaign Implementation Budgeting, Planning</p>	
<p><a href="#">Rabies Exposure Assessment &amp; Contact Tracing App (REACT App)</a></p> <p>Creation Date: 2018 Produced By: Mission Rabies</p> <p>The REACT App is a digital interface for IBCM implementation. It provides a structured guide for field personnel conducting investigations of suspect rabid animals for offline use on phones and tablets.</p>			<p>Categories</p> <p>Rabies Surveillance Animal Case Surveillance, Case Detection, Human Case Surveillance, Integrated Bite Case Management (IBCM), Laboratory Tools</p>	

# Partnership map

- Provide global overview of rabies stakeholders and activities
- Collate and visualize country-specific data to inform investors and other stakeholders
- Improve coordination, transparency and equitable support to rabies-affected countries
- Identify gaps where resources and interventions are needed, liaising with WG3 activities
- Not exhaustive list of data; must be easy to maintain
- Two aspects
  - Country card of information (WG2 roadmap milestone, GDREP cost, NSP, WOA/WHO endorsement/freedom)
  - Stakeholders and activities – questionnaire



# Dog identification and human/animal bond

- Recently re-started
- Demonstrate the benefit when people can differentiate between vaccinated and unvaccinated dogs
  - Change in behaviour of people and dogs
  - Reduction in number of dog bites
- Considering pilot projects to collect data to demonstrate cost-effectiveness and benefits





# Rapid diagnostic testing

- Review evidence on RDT performance for rabies diagnosis
- Analyse costs/benefits of diagnostic test modalities
- Develop guidance to support policy/practice on RTDs



# Dog vaccination

- Newly established
- Building on work by WG2 constraints workstream
- Review the main constraints to dog vaccination
- Identify practical solutions to assist stakeholders in overcoming constraints





# Thank you for your attention!



## Questions?

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Acknowledgements:

**Co-chairs:** Ryan Wallace, Thumbi Mwangi

**Workstream leads:** Ryan Wallace, Sean Shadomy, Joaquin Prada, Terence Scott, Guillaume Convert, Thais Vila, Katie Hampson, Elly Hiby, Maganga Sambo

**Wider working group/workstream participants:** Andre Coetzer, Andy Gibson, Angelique Angot, Anna Czupryna, Anna Fahrion, Anna Formstone, Conrad Freuling, Daniel Horton, Daria Manalo, David Lowe, Eduardo Undurraga, Florence Cliquet, Katrin Bote, Luke Gamble, Monique Lechenne, Mumbua Mutunga, Naseem Salahuddin, Umme Ruman Siddiqui, Stella Mazeri, Betsy Miranda, Mirava Yuson, Pankaj KC, Nicolette Wright, Deborah Nadal, Abi Vanak, Bishaka Tanchangya, Eric Brum, Md Habibur, Joanne Maki

**Find out more:**

- Visit [www.unitedagainstrabies.org](http://www.unitedagainstrabies.org)
- Contact [globalrabiescoordinator@woah.org](mailto:globalrabiescoordinator@woah.org)

