

The concept of the SARE in developing and monitoring national strategies

Andre Coetzer

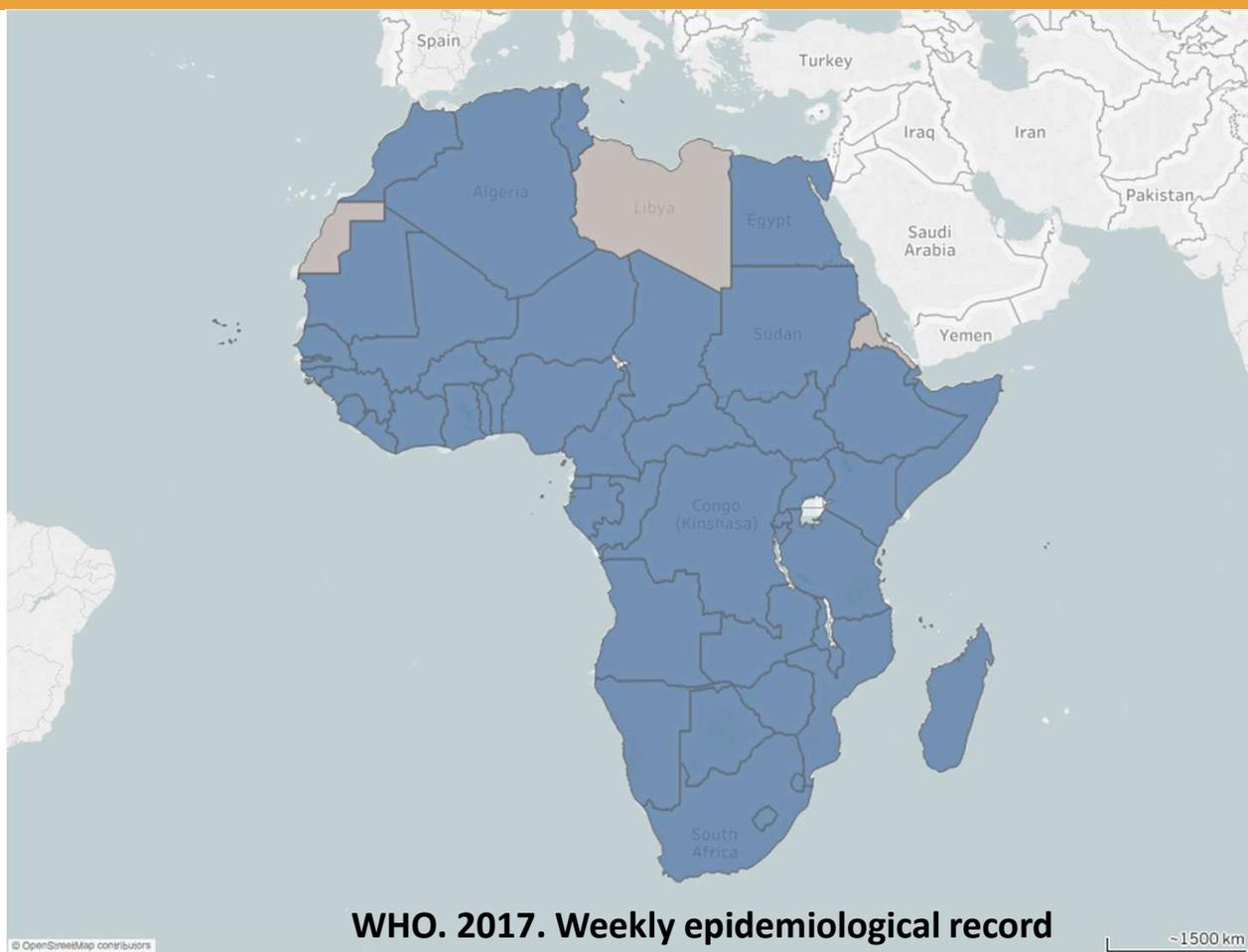
On behalf of the Global Alliance for Rabies Control

*PARACON-WHO Meeting, Johannesburg, South Africa
12-14 September 2018*

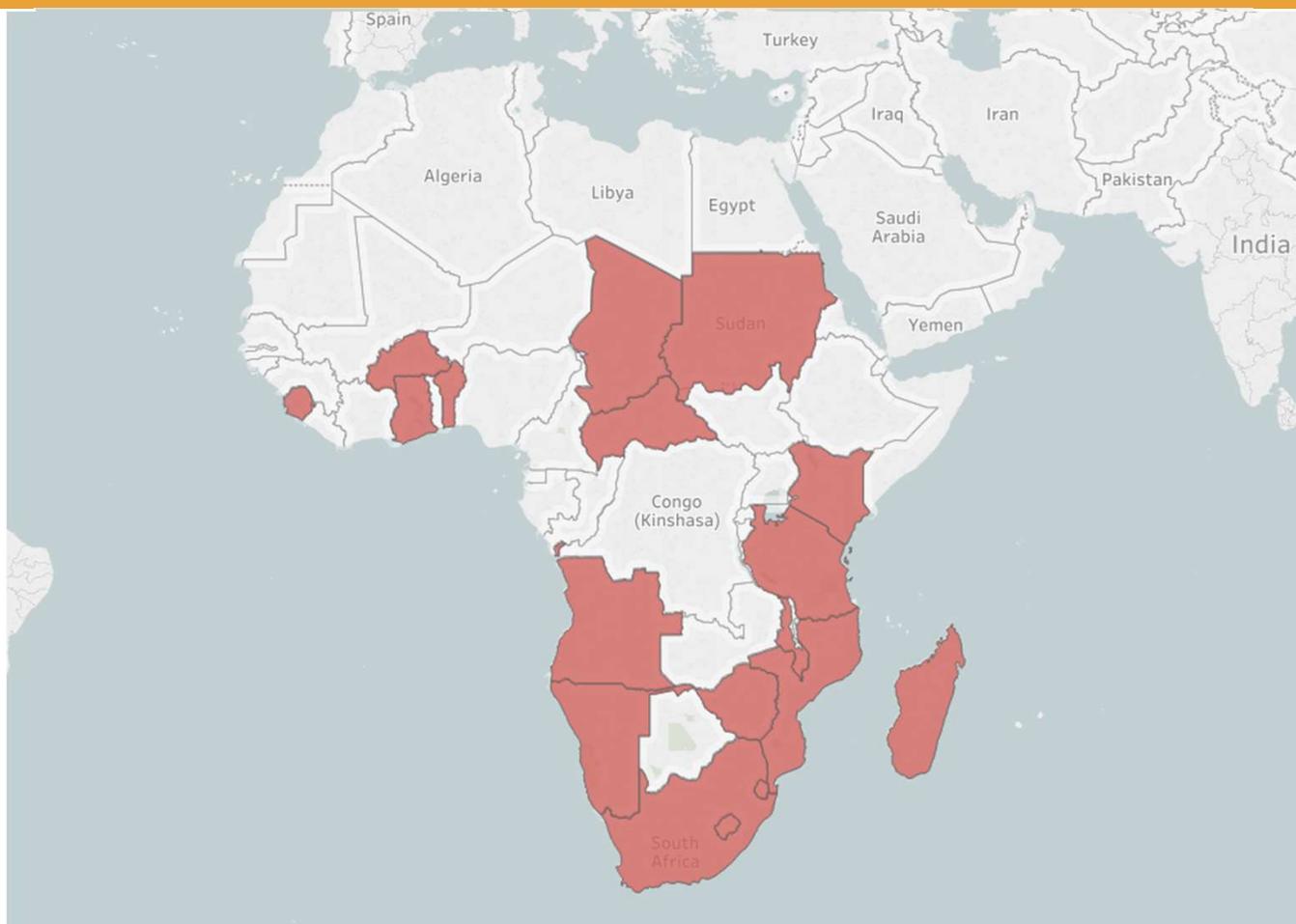


www.rabiesalliance.org

Countries endemic for dog-mediated human rabies



Countries endemic for dog-mediated human rabies



The question

- **Where to start** the process of eliminating rabies?
- **How to progress** existing activities?
- **How far has the country progressed** in their efforts?



Stepwise Approach towards Rabies Elimination

The SARE tool

- Provides practical guidance on how to **start or expand** all of the **rabies control activities** that are needed to control and eliminate dog-mediated rabies.
- Answer “yes” or “no” for whether a series of activities or actions have been completed (activities starts small and expands)
- Consists of specific activities that provide measurable steps in a chronological order

The SARE tool

Activity 1. Do you have any animal rabies vaccine in the country?

Yes / No

Activity 2. Are you vaccinating any dogs in at least one area of the country?

Yes / No

Activity 3. Have you expanded the vaccination area to include more dogs?

Yes / No

.....

Activity x. Are you vaccinating at least 70% of the dog population?

Yes / No

SARE Components

Prevention and
Control

Data Collection
and Analysis

Laboratory
Diagnosis

Dog Population
Management

Information,
Education and
Communication

Legislation

Cross-cutting
Issues

SARE assessment outputs

Stepwise Approach towards Rabies Elimination - Example Country ,

STAGE 1,5

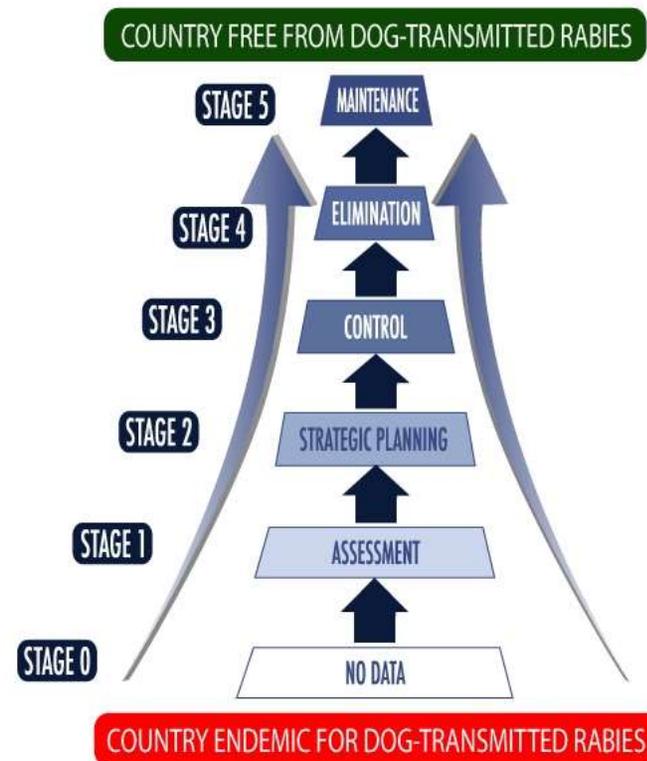
| ACTIVITY SUMMARY | | |
|--|--|--|
| COMPONENTS | PENDING ACTIVITIES | ACCOMPLISHED ACTIVITIES |
| Data collection and analysis <i>Total number of activities = 22</i> | 12  | 10  |
| Prevention and Control <i>Total number of activities = 26</i> | 16  | 10  |
| Laboratory diagnosis <i>Total number of activities = 13</i> | 7  | 6  |
| Dog population related issues <i>Total number of activities = 13</i> | 9  | 4  |
| Information, Education, Communication <i>Total number of activities = 21</i> | 16  | 5  |
| Cross-cutting issues <i>Total number of activities = 12</i> | 6  | 6  |
| Legislation <i>Total number of activities = 13</i> | 3  | 10  |

| STAGE SUMMARY | | | | |
|---------------|---------------------------------|--|--|------------------|
| STAGE* | | PENDING ACTIVITIES | ACCOMPLISHED ACTIVITIES | STAGE COMPLETED? |
| 0 | Total number of activities = 6 | 0 | 6  | COMPLETED |
| 0,5 | | | | COMPLETED |
| 1 | Total number of activities = 44 | 10  | 34  | COMPLETED |
| 1,5 | | | | PENDING |
| 2 | Total number of activities = 31 | 21  | 10  | PENDING |
| 2,5 | | | | PENDING |
| 3 | Total number of activities = 23 | 22  | 1  | PENDING |
| 3,5 | | | | PENDING |
| 4 | Total number of activities = 10 | 10  | 0 | PENDING |
| 4,5 | | | | PENDING |
| 5 | Total number of activities = 6 | 6  | 0 | PENDING |

* Scores in increments of 0.5 show progress along a particular stage.

The SARE score

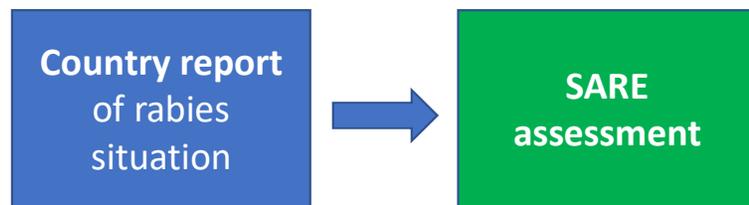
- The SARE score shows clear progress (or lack thereof)
- Allows countries/regions to measure their progress on any time frame

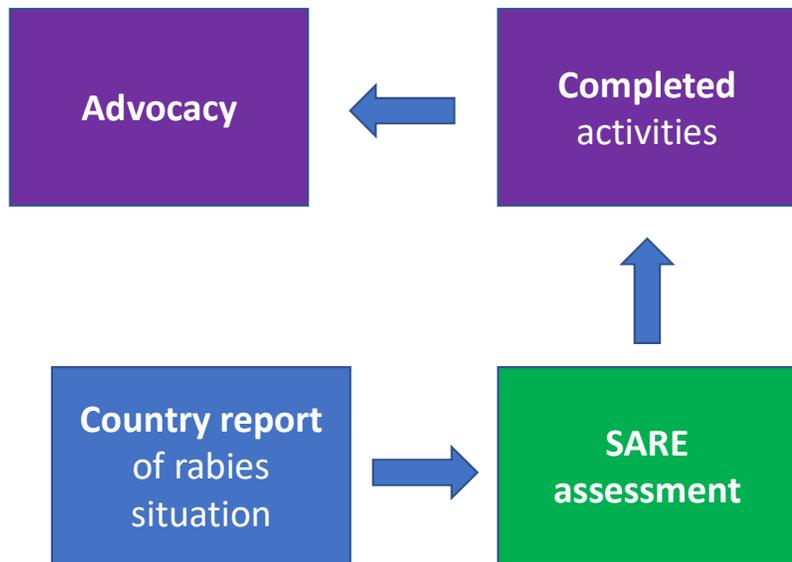


Stepwise Approach towards Rabies Elimination
SUMMARY OF RABIES PROGRAM ACTIVITIES

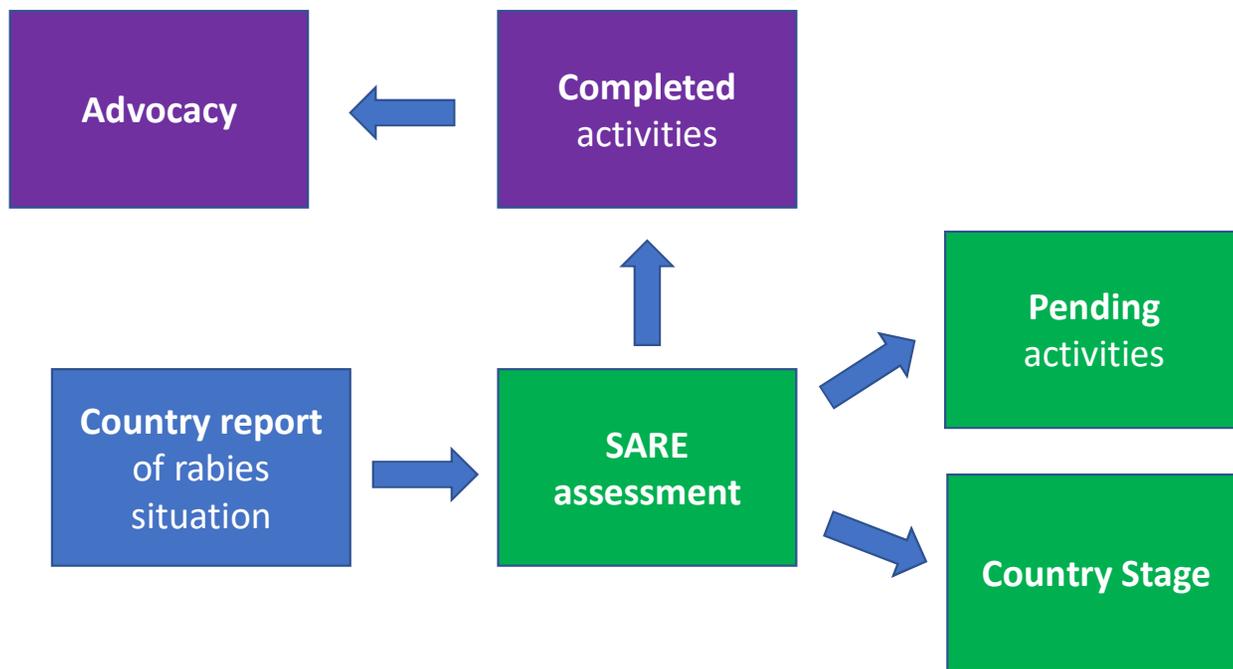
EXAMPLE COUNTRY

| STAGE | DATA COLLECTION & ANALYSIS | | PREVENTION & CONTROL | | LABORATORY DIAGNOSIS | | DOG POPULATION RELATED ISSUES | | INFORMATION, EDUCATION, COMMUNICATION | |
|-------|----------------------------|---|----------------------|---|---|---|-------------------------------|---|---|---|
| | Pending | Accomplished | Pending | Accomplished | Pending | Accomplished | Pending | Accomplished | Pending | Accomplished |
| 0 | | | | | | Have contacts with an international rabies reference laboratory or international collaborating/reference center been established? | | | | |
| | | | | | | Has at least one human or animal rabies suspect sample been submitted to an international rabies reference laboratory for confirmation? | | | | |
| | | | | | | | | | | |
| 1 | | Are dog rabies cases reported from a local to the national level? | | Are vaccines for human rabies prophylaxis available in one or more parts of the country? | | Is there capacity to conduct rabies diagnosis in at least one national laboratory (veterinary or medical laboratory)? | | Have discussions been held with stakeholders to create a dog population management strategy at a local level? | | Has an assessment been done to determine what message should be communicated to the target audience at a local level? |
| | | Are human rabies cases reported from a local to the national level? | | Has the supply and access to WHO pre-qualified human rabies vaccines for PEP for professionals at risk been ensured in local areas? | | Have several rabies suspect samples of animals or humans been submitted to a national laboratory and analysed? | | Have you involved officials in waste management in your stakeholder meetings? | | Have the target audiences been identified at a local level (e.g. at-risk communities, dog owners, children)? |
| | | Are all human or animal rabies testing results being reported to a relevant international database such as WHO, OIE or PARACON? | | Are dog rabies vaccines available in at least one location in the country? | | Is animal rabies diagnosis conducted in at least one national laboratory? | | | Has an IEC plan* been developed and implemented on a small scale? | |
| | | Is there capacity to analyze dog rabies data at the national level? | | Has dog vaccination been initiated in some parts of the country? | Are rabies suspect samples of animals or humans submitted twice yearly to an international laboratory and analysed? | | | | | Has broad public awareness messaging started at a national level? |
| | | Is there capacity to analyze human rabies data at the national level? | | Has Integrated Bite Case Management (IBCM)* been implemented at a local level? | | | | | | Has an assessment been undertaken to determine the training needs of the professionals at a local level? |
| | | Has an animal rabies surveillance* system been established at the national level? | | Have Standard Operating Procedures (SOPs) for coordinated action on reported outbreaks* been established? | | | | | | Have human and animal health professionals involved in rabies control been identified at a local level? |





The accomplished activities are used for advocacy and the acquisition of funding required to ensure progress towards rabies elimination

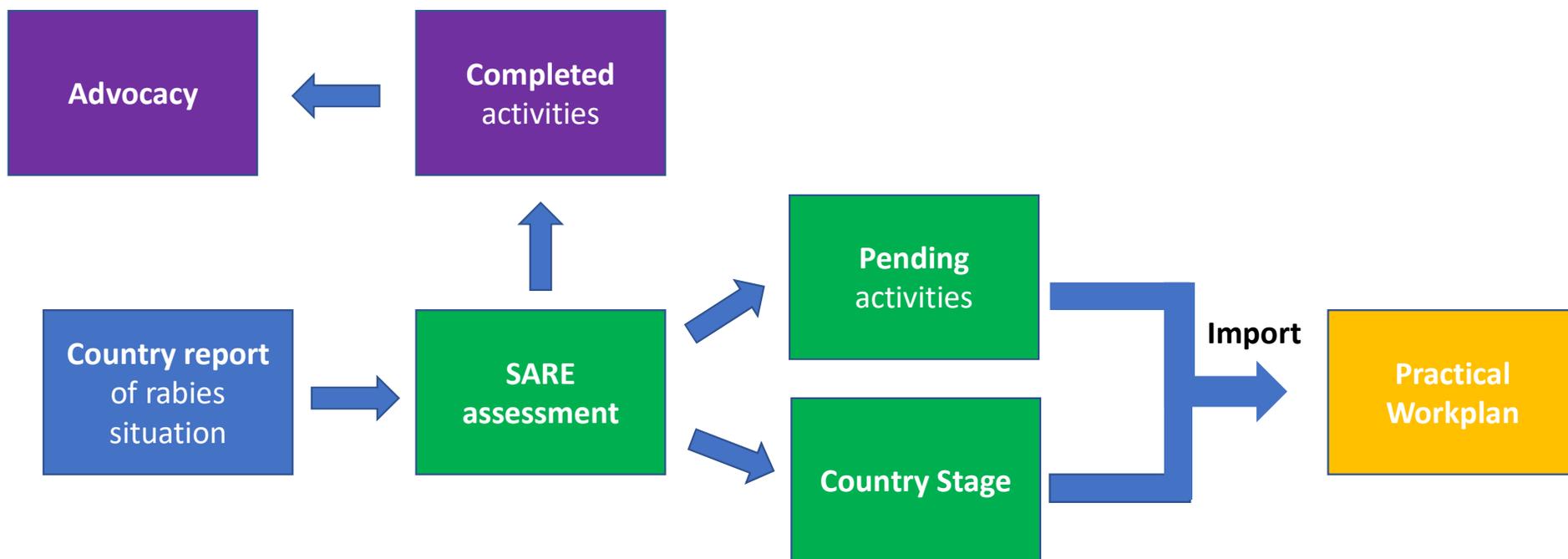


Pending activities, need to device on:

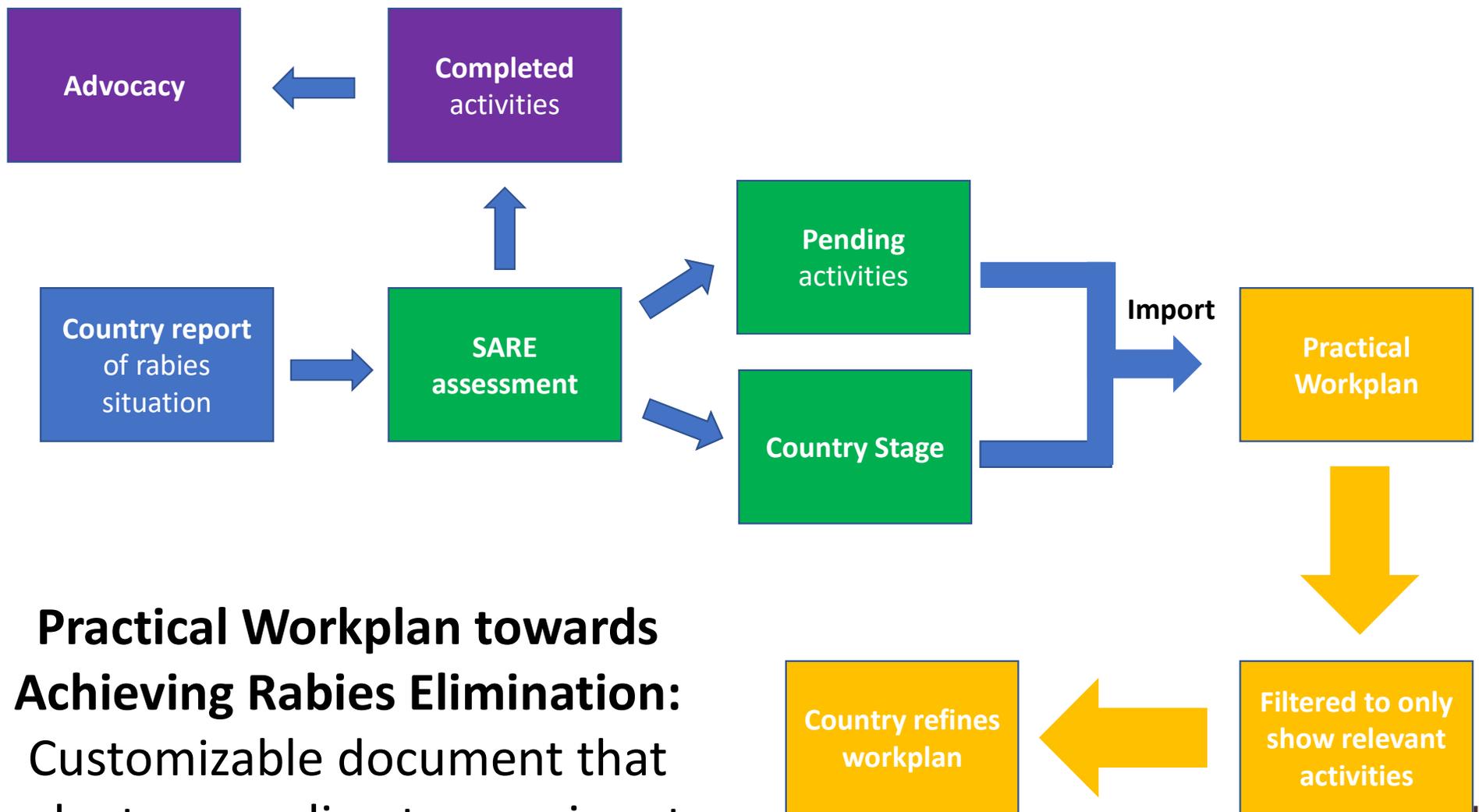
- **how** to complete them.
- **who** will complete them.
- **when** this will be done.

Workplan

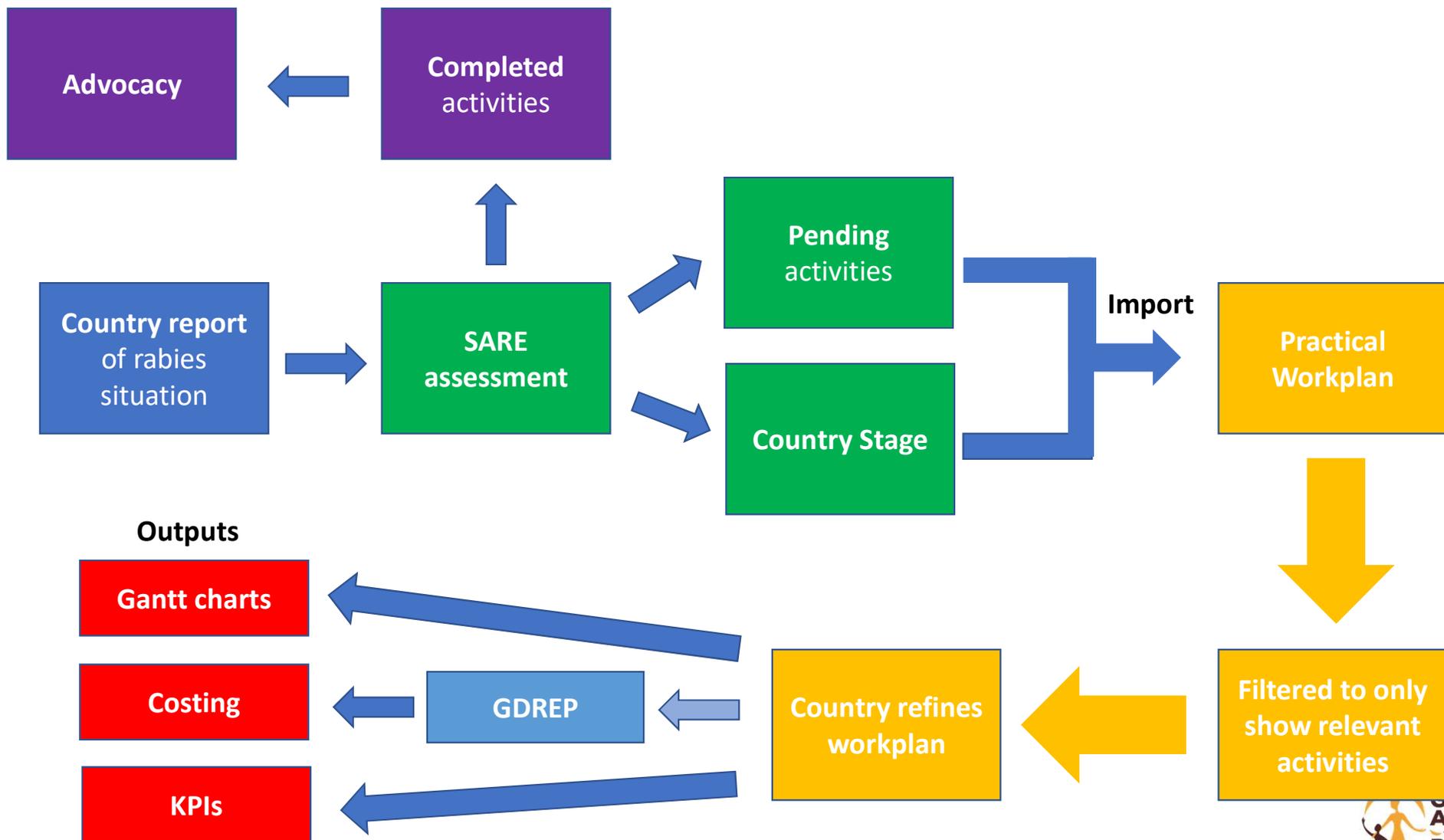
Practical Workplan towards Achieving Rabies Elimination



Practical Workplan towards Achieving Rabies Elimination:
Automatically generates a country-specific
workplan **based on the completed SARE assessment**



Practical Workplan towards Achieving Rabies Elimination:
Customizable document that adapts according to user input



Practical Workplan towards Achieving Rabies Elimination

The final Workplan is based on a M&E framework

Developed and updated in Microsoft Excel

Saved as a PDF and shared with all stakeholders and possible funding bodies

| | |
|--|---|
| Practical Workplan towards Approaching Rabies Elimination | |
| ZANZIBAR (UNGUJA ISLAND) | |
| SARE Stage | 2,5 |
|  | |
| Last updated: | 19 1 2018 <small>date month year</small> |

No just an exercise or theoretical program



Acknowledgement

Acknowledgement

- The SARE tool has undergone various revisions and improvements through the technical inputs and support from the following organizations:
 - FAO, WHO, OIE
 - CDC
 - WAP

THANK YOU



www.rabiesalliance.org