The concept of the SARE in developing and monitoring national strategies

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On behalf of the Global Alliance for Rabies Control

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12-14 September 2018
Countries endemic for dog-mediated human rabies

WHO. 2017. Weekly epidemiological record
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

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

### Stage Summary

<table>
<thead>
<tr>
<th>STAGE*</th>
<th>PENDING ACTIVITIES</th>
<th>ACCOMPLISHED ACTIVITIES</th>
<th>STAGE COMPLETED?</th>
</tr>
</thead>
<tbody>
<tr>
<td>0,5</td>
<td>0</td>
<td>6</td>
<td>COMPLETED</td>
</tr>
<tr>
<td>0</td>
<td>Total number of activities = 6</td>
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<td></td>
</tr>
<tr>
<td>0</td>
<td>1</td>
<td>34</td>
<td>COMPLETED</td>
</tr>
<tr>
<td>1</td>
<td>Total number of activities = 44</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,5</td>
<td>10</td>
<td>34</td>
<td>PENDING</td>
</tr>
<tr>
<td>2</td>
<td>Total number of activities = 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,5</td>
<td>21</td>
<td>10</td>
<td>PENDING</td>
</tr>
<tr>
<td>3</td>
<td>Total number of activities = 23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3,5</td>
<td>22</td>
<td>1</td>
<td>PENDING</td>
</tr>
<tr>
<td>4</td>
<td>Total number of activities = 10</td>
<td></td>
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</tr>
<tr>
<td>4,5</td>
<td>10</td>
<td>0</td>
<td>PENDING</td>
</tr>
<tr>
<td>5</td>
<td>Total number of activities = 6</td>
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</tr>
</tbody>
</table>

* 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
<table>
<thead>
<tr>
<th>STAGE</th>
<th>DATA COLLECTION &amp; ANALYSIS</th>
<th>PREVENTION &amp; CONTROL</th>
<th>LABORATORY DIAGNOSIS</th>
<th>DOG POPULATION RELATED ISSUES</th>
<th>INFORMATION, EDUCATION, COMMUNICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pending</td>
<td>Accomplished</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Are dog rabies cases reported from a local to the national level?</td>
<td>Are vaccines for human rabies prophylaxis available in one or more parts of the country?</td>
<td>Is there capacity to conduct rabies diagnosis in at least one national laboratory?</td>
<td>Have discussions been held with stakeholders to create a definitive rabies management strategy at a local level?</td>
<td>Has an assessment been done to determine what message should be communicated to the target audience at a local level?</td>
</tr>
<tr>
<td></td>
<td>Are human rabies cases reported from a local to the national level?</td>
<td>Has the supply and access to WHO pre-qualified human rabies vaccines for PEP for professionals at risk been ensured in local areas?</td>
<td>Have several rabies suspect samples of animals or humans been submitted to a national laboratory and analyzed?</td>
<td>Have you involved officials in waste management in your stakeholder meetings</td>
<td>Have the target audiences been identified at a local level (e.g., at risk communities, dog owners, children)?</td>
</tr>
<tr>
<td></td>
<td>Are all human or animal rabies testing results being reported to a relevant international database such as WHO, OIE or PARAGON?</td>
<td>Are dog rabies vaccines available in at least one location in the country?</td>
<td>Is animal rabies diagnosis conducted at least one national laboratory?</td>
<td>Has an RHC plan* been developed and implemented on a small scale?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Is there capacity to analyze dog rabies data at the national level?</td>
<td>Has dog vaccination been initiated in some parts of the country?</td>
<td>Are rabies suspect samples of animals or humans submitted twice yearly to an international laboratory and analyzed?</td>
<td>Has broad public awareness messaging started at a national level?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Is there capacity to analyze human rabies data at the national level?</td>
<td>Has an Integrated Risk Management (IRM)* system been established at the national level?</td>
<td></td>
<td>Has an assessment been undertaken to determine the training needs of the professionals at a local level?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Has an animal rabies surveillance system been established at the national level?</td>
<td></td>
<td></td>
<td>Have human and animal health professionals involved in rabies control been identified at a local level?</td>
<td></td>
</tr>
</tbody>
</table>
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.
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
Country report of rabies situation

Completed activities

SARE assessment

Pending activities

Country Stage

Practical Workplan

Import

Outputs

Gantt charts

Costing

KPIs

GDREP

Country refines workplan

Filtered to only show relevant activities
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
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