GLOBAL FRAMEWORK FOR THE ELIMINATION OF DOG-MEDIATED HUMAN RABIES

Dog-mediated human rabies kills tens of thousands of people every year worldwide. Freedom from dog-mediated human rabies is a global public good and is feasible with currently available tools.

The five pillars of rabies elimination (STOP-R)

1. **Socio-cultural**
   - Includes activities for:
     - Awareness: build awareness of dog-mediated rabies and encourage responsible dog ownership.
     - Bite prevention and treatment: develop education programs on bite prevention and first aid for both children and adults.
     - Post-exposure prophylaxis: increase awareness and understanding of post-exposure prophylaxis (PEP) and its importance.
     - Community engagement: encourage community involvement in rabies control measures.

2. **Technical**
   - Effective animal health and public health systems are required to eliminate dog-mediated human rabies. These systems must be strengthened and resourced appropriately, and gaps identified and filled.
   - Includes activities for:
     - Vaccination: ensure safe, efficacious, and accessible dog and human vaccines and pre-exposure prophylaxis (PEP) programs.
     - Diagnostics: ensure capacity and capability for rapid and accurate rabies diagnosis.
     - Surveillance: support improved surveillance and data-sharing.
     - Technical support: provide guidance and technical support for the development and tailoring of regional and national plans.

3. **Organization**
   - The One Health approach to close collaboration is applied. Leadership, partnership, and coordination for rabies elimination activities arise at the human and animal health sectors and other stakeholders.
   - Includes activities for:
     - One Health: promote the One Health approach and intersectoral coordination through national and regional networks.
     - Good governance: establish governance, including clear roles, accountability, and measurable outcomes.
     - Harmonization: align work plans and activities with national and regional priorities.
     - Coordination: coordinate and combine resources, logistics, and infrastructure.

4. **Political**
   - Success depends on political will and support for elimination of dog-mediated human rabies. Political will results from recognition of rabies elimination as a national, regional, and global public good.
   - Includes activities for:
     - Political support: promote the case for investment in dog-mediated human rabies elimination to persuade countries, policy makers, and donors of the feasibility, merit, and return on investment in rabies elimination strategies.

5. **Resources**
   - Rabies elimination activities frequently span several years and therefore require sustained, long-term support.
   - Includes activities for:
     - Case for investment: promote the case for investment in dog-mediated human rabies elimination to persuade countries, policy makers, and donors of the feasibility, merit, and return on investment in rabies elimination strategies.
     - Public awareness: encourage different forms of investment and partnerships (private and public) to leverage resources and engagement.

CRITICAL SUCCESS FACTORS

- Long-term political and social commitment
- Community engagement
- Sustainable vaccination of 75% of the at-risk dog population
- Proof of concept: start small, scale up
- Effective resources, logistics, and infrastructure
- Promote vaccine banks and other strategies for acquisition of rabies immunoglobulins to ensure sufficient supply of quality-assured rabies vaccines and human immunoglobulins
- Reach remote, rural, and at-risk populations
- Conduct performance measurement at all levels
- Maintain trained and motivated implementation personnel

STRATEGIC VISION: zero human deaths from dog-mediated rabies by 2030 in participating countries.