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SPEEDIER

Surveillance integrating Phylogenetics and
Epidemiology for Elimination of Disease: Evaluation
of Rabies Control in the Philippines

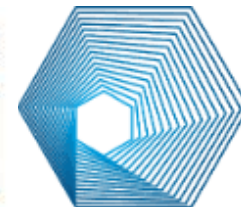


Mabuhay!



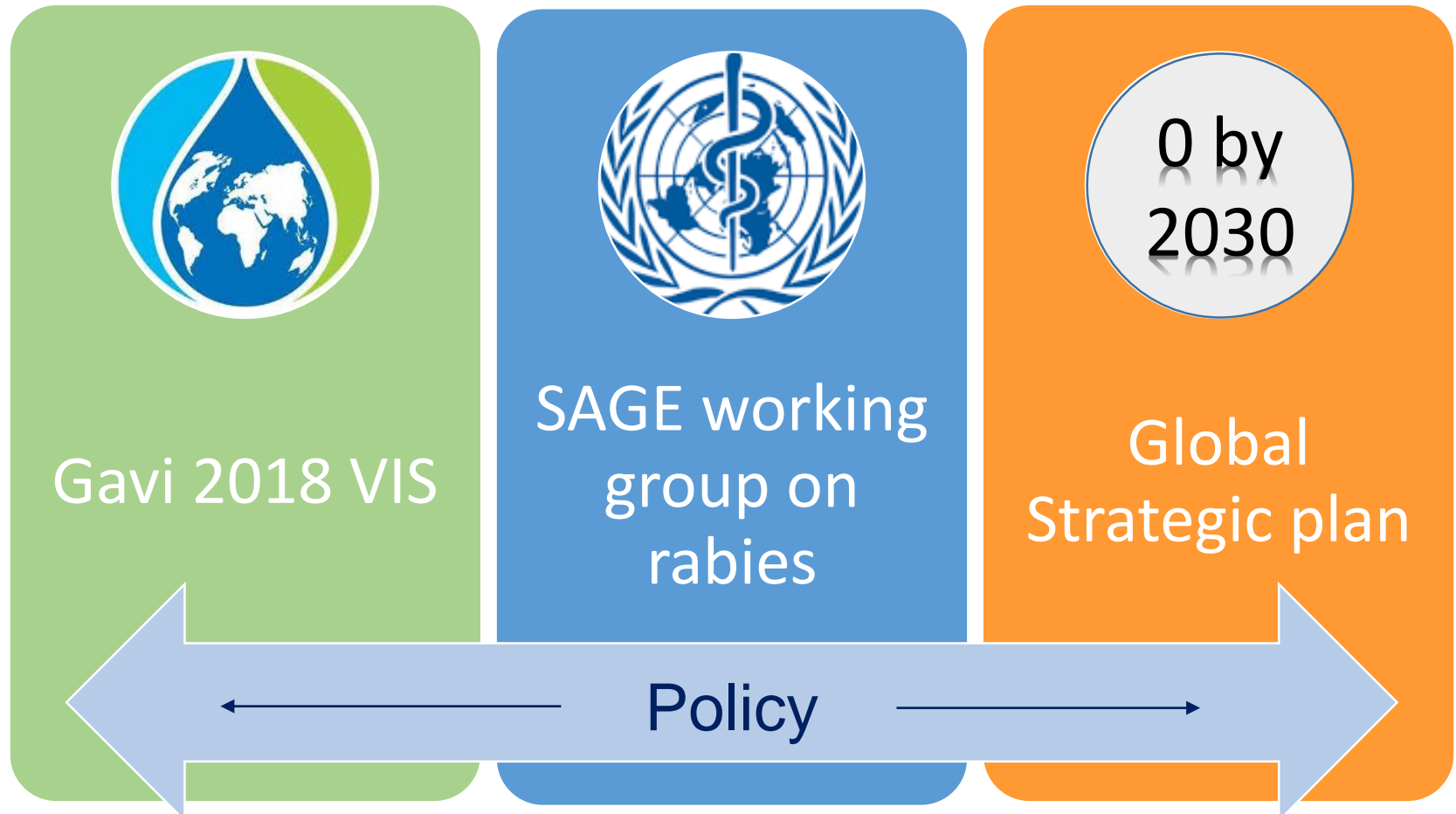
Institute of
Biodiversity,
Animal Health
& Comparative
Medicine

MRC/CSO Social and Public Health Sciences Unit



CVR
Medical Research Council
University of Glasgow
Centre for Virus Research

Recent policy development



ZERO BY 30

THE GLOBAL
STRATEGIC PLAN



TO END

HUMAN DEATHS
FROM DOG-MEDIATED
RABIES BY 2030



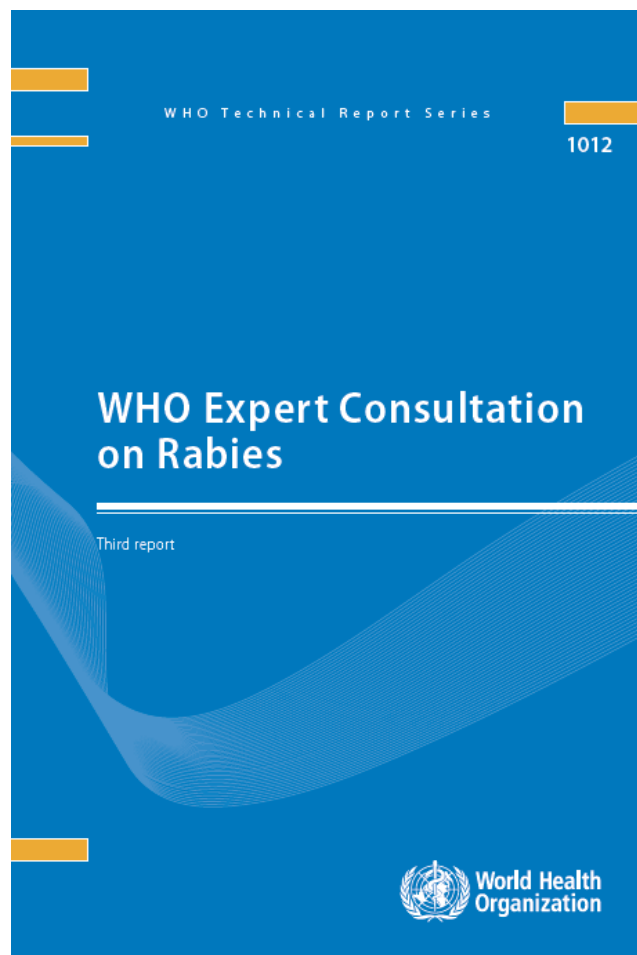
Food and Agriculture
Organization of the
United Nations



World Health
Organization



Background



Rabies vaccine recommended for Gavi investment Board will decide in December 2018



Contents

- 201 Rabies vaccines: WHO position paper – April 2018
- 220 WHO Strategic Advisory Group of Experts (SAGE) on immunization: request for nominations

Sommaire

- 201 Vaccins antirabiques: Note de synthèse de l'OMS – avril 2018
- 220 Le Groupe Stratégique Consultatif d'Experts (SAGE) de l'OMS sur la vaccination: appel à candidatures

Rabies vaccines: WHO position paper – April 2018

Introduction

In accordance with its mandate to provide guidance to Member States on health policy matters, WHO issues a series of regularly updated position papers on vaccines and combinations of vaccines against diseases that have an international public health impact. They summarize essential background information on diseases and vaccines and conclude with the current WHO position on the use of vaccines worldwide.

The papers are reviewed by external experts and WHO staff, and reviewed and endorsed by the WHO Strategic Advisory Group of Experts (SAGE) on immunization (<http://www.who.int/immunization/sage/en>). The GRADE methodology is used

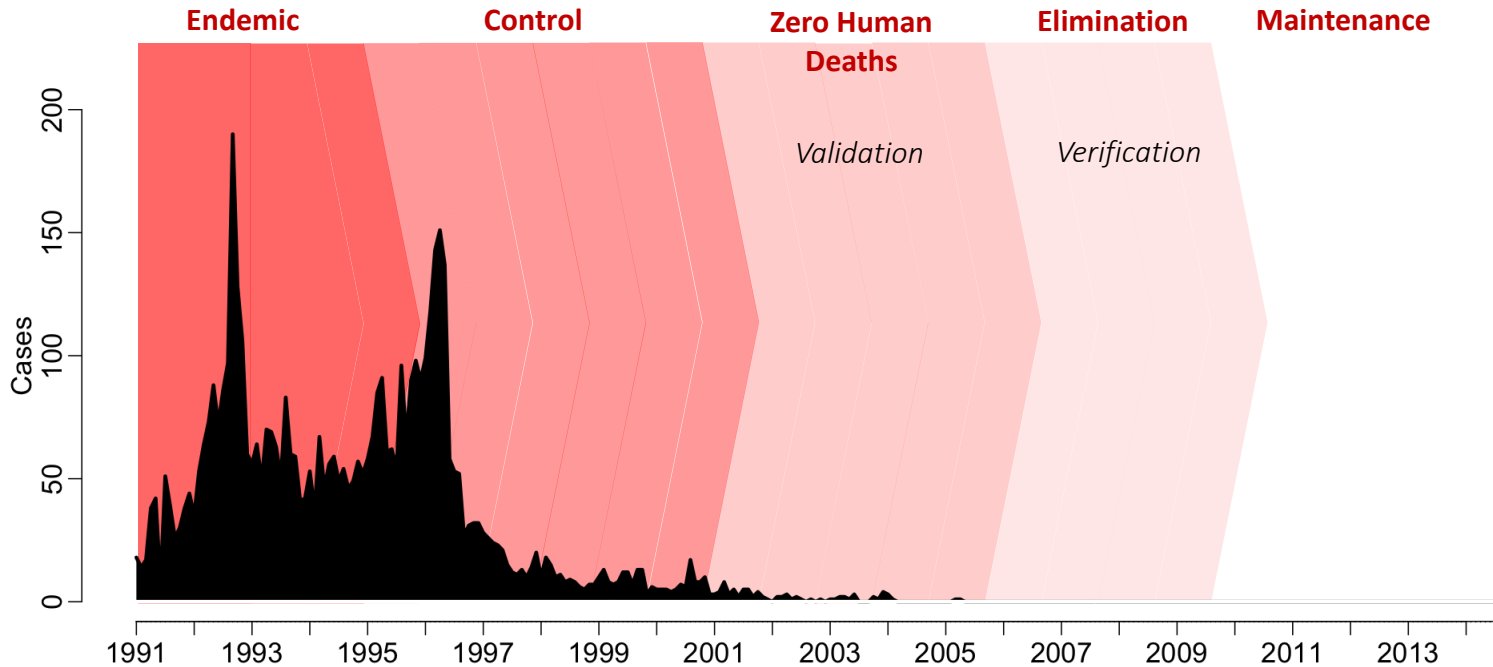
Vaccins antirabiques: Note de synthèse de l'OMS – avril 2018

Introduction

Conformément à son mandat qui est de donner aux États Membres des conseils sur les questions de politique de santé, l'OMS publie une série de notes de synthèse régulièrement actualisées sur les vaccins et les associations vaccinales contre les maladies ayant un impact sur la santé publique au niveau international. Elles résument les informations essentielles sur les maladies et les vaccins et présentent en conclusion la position actuelle de l'OMS concernant l'utilisation des vaccins dans le contexte mondial.

Ces notes sont examinées par des experts externes et des membres du personnel de l'OMS, puis évaluées et approuvées par le Groupe stratégique consultatif d'experts sur la vaccination (SAGE) de l'OMS (<http://www.who.int/immunization/sage/fr>). La méthodolo-

Major research gap:



- During the endgame remaining foci and intermittent introductions are a challenge
- PEP costs remain high and strain budgets (despite low disease incidence)
- Effective surveillance needed for validation and verification



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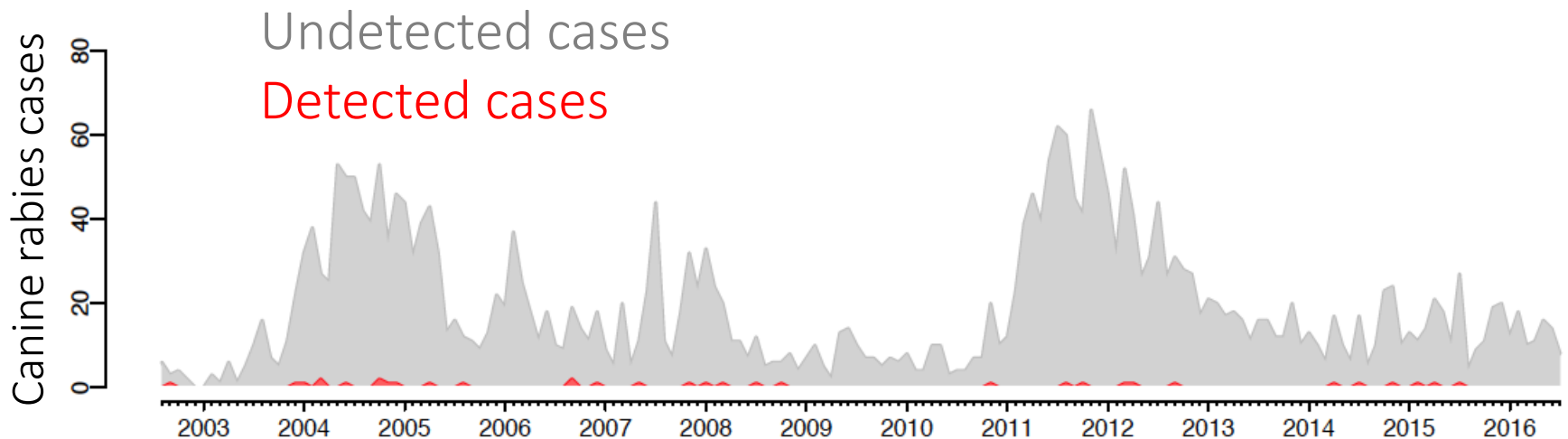


SPEEDIER is an opportunity to develop best practice for surveillance to guide elimination and judicious PEP during the endgame

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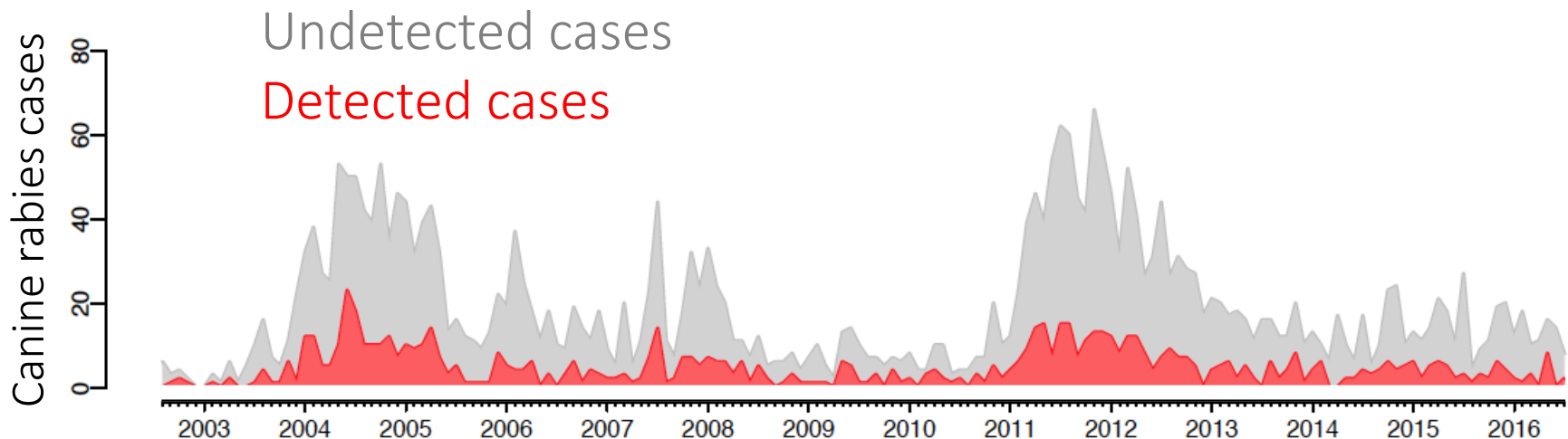
Limited or weak surveillance

- Control efforts may stop too soon
- Or continue too long
- Or incursions detected late

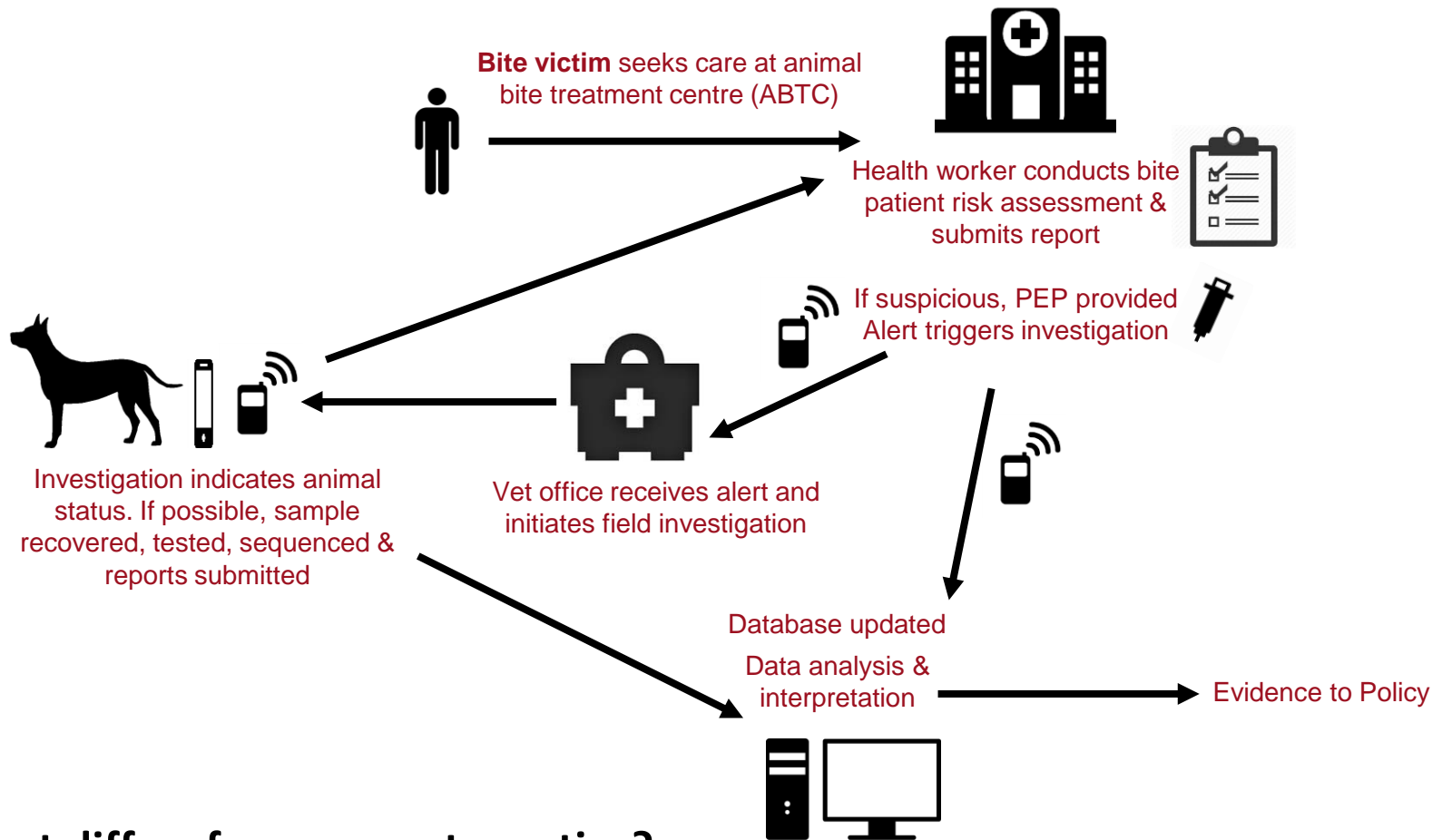


Improved surveillance

- Informs robust policy decisions e.g. freedom or PEP
- Integrated Bite Case Management can:
 - increase detection 10x (sufficient for verification)
 - Reduce post-exposure use by >70%



Integrated Bite Case Management



- What differs from current practice?
- What is needed to make this work?

Agenda

- Monday – Introductions & planning
 - Theory of Change
 - Work packages
- Tuesday – Protocols & planning
- Wednesday – Ethics, protocols & planning cont'd..
- Thursday – CVR – Genomics & Protocols & planning cont'd..
- Friday - SCENE
 - Dissemination & communications
 - Action plan

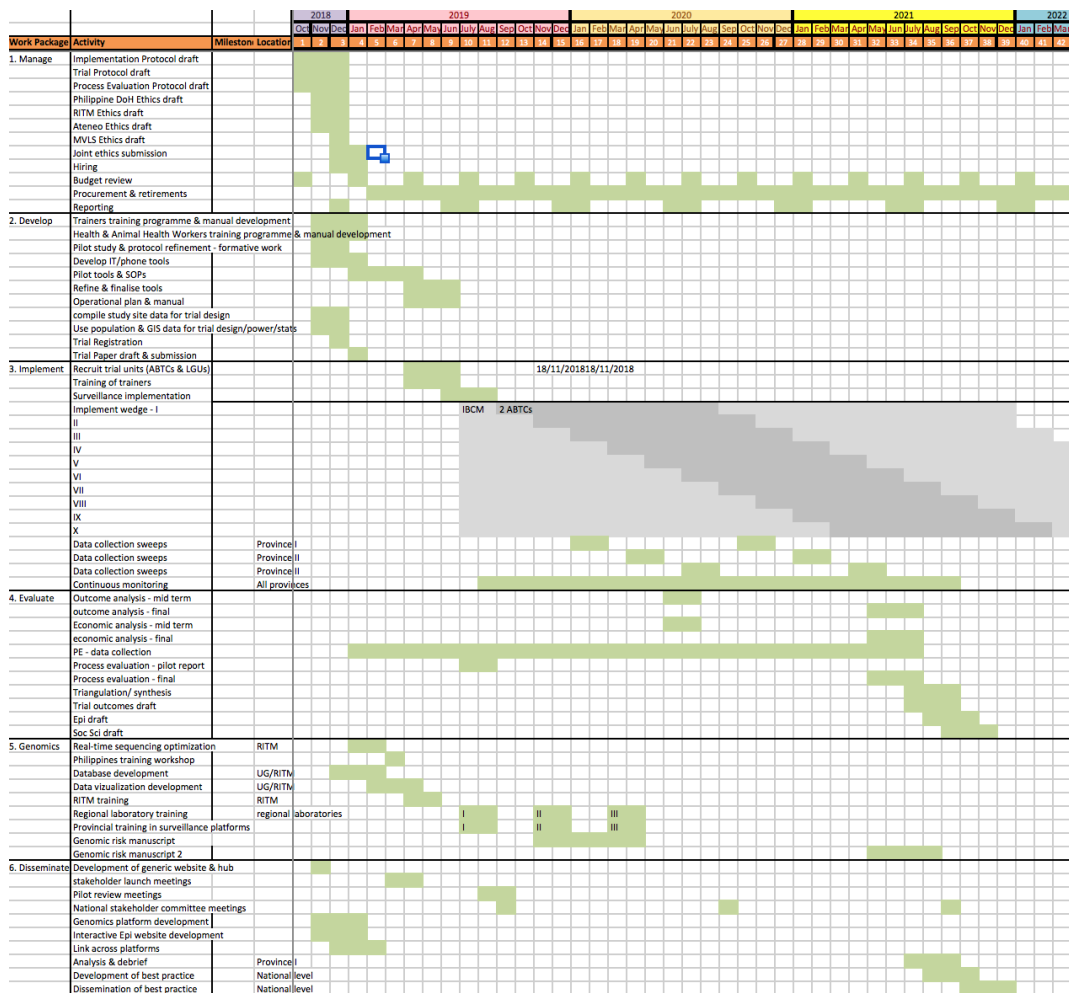
Agenda

- Aims:
 - To agree protocols for implementation science
 - Integrated Bite Case Management
 - To finalize Randomized Control Trial design and evaluation
 - Judicious post-exposure prophylaxis provisioning
 - To plan genomic surveillance support
 - Tools for real-time sequencing & interpretation
 - To plan communications strategy to support translation from research to policy to practice
 - To ~~develop an action plan to deliver all of this~~
 - To develop an action plan

Work Packages

← 3 years beginning from Jan 2019 →

- WP1 – Manage
– Katie & Betsy
- WP2 – Develop
– Peter+
- WP3 – Implement
– Betsy+
- WP4 – Evaluate
– Katie+
- WP5 – Genomics
– Kirstyn & Roman
- WP6 – Disseminate
– Nai & Betsy



Questions?

Recent policy development

2018, 93, 201-220

 **World Health Organization**
Organisation mondiale de la Santé

Weekly epidemiological record
Relevé épidémiologique hebdomadaire

20 APRIL 2018, 93th YEAR / 20 AVRIL 2018, 93^e ANNÉE
No 16, 2018, 93, 201-220
<http://www.who.int/ewer>

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WHO Technical Report Series

1012

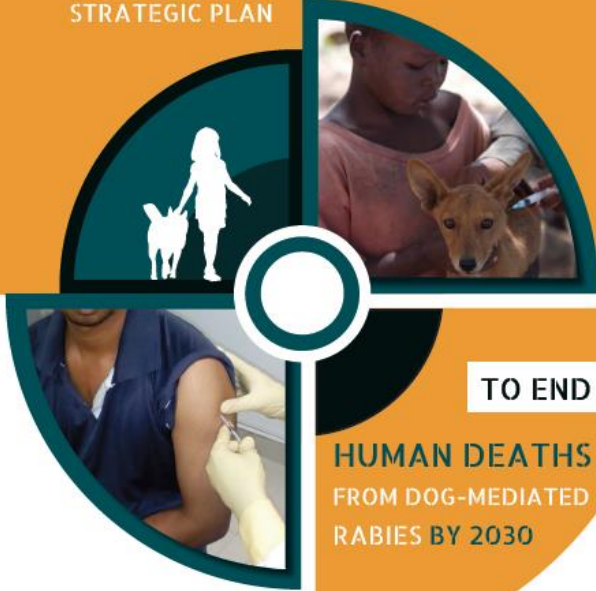
WHO Expert Consultation on Rabies


Third report


 **World Health Organization**


ZERO BY 30
THE GLOBAL STRATEGIC PLAN


TO END HUMAN DEATHS FROM DOG-MEDIATED RABIES BY 2030



 Food and Agriculture Organization of the United Nations

 **OIE**
WORLD ORGANIZATION FOR ANIMAL HEALTH

 **World Health Organization**

 **Global Alliance for Rabies Control**