



HAL
open science

EVALUATING THE CAPACITIES AND CAPABILITIES OF A ONE HEALTH SURVEILLANCE SYSTEM IS FEASIBLE: A CASE STUDY ON PSITTACOSIS IN DENMARK

Stine Kjaer Lefèvre, Caroline Eves, Henok Tegegne, Joaquin Prada, Carlijn
Bogaardt, Guido Benedetti, Viviane Hénaux

► **To cite this version:**

Stine Kjaer Lefèvre, Caroline Eves, Henok Tegegne, Joaquin Prada, Carlijn Bogaardt, et al.. EVALUATING THE CAPACITIES AND CAPABILITIES OF A ONE HEALTH SURVEILLANCE SYSTEM IS FEASIBLE: A CASE STUDY ON PSITTACOSIS IN DENMARK. 4th International Conference on Animal Health Surveillance, May 2022, Copenhagen, Denmark. anses-04532294

HAL Id: anses-04532294

<https://anses.hal.science/anses-04532294v1>

Submitted on 4 Apr 2024

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



EVALUATING THE CAPACITIES AND CAPABILITIES OF A ONE HEALTH SURVEILLANCE SYSTEM IS FEASIBLE: A CASE STUDY ON PSITTACOSIS IN DENMARK

Stine Kjær Lefèvre¹ • Caroline Eves¹ • Henok Tegegne² • Joaquin Prada³ •
Carlijn Bogaardt³ • Guido Benedetti¹ • Viviane Hénaux²

1. Infectious Disease Preparedness, Statens Serum Institut, Copenhagen, Denmark; 2. University of Lyon - Agence Nationale de Sécurité Sanitaire de L'Alimentation, de L'Environnement et du Travail (ANSES), Laboratory of Lyon, Epidemiology and support to Surveillance Unit, France; 3. University of Surrey, School of Veterinary Medicine, United Kingdom

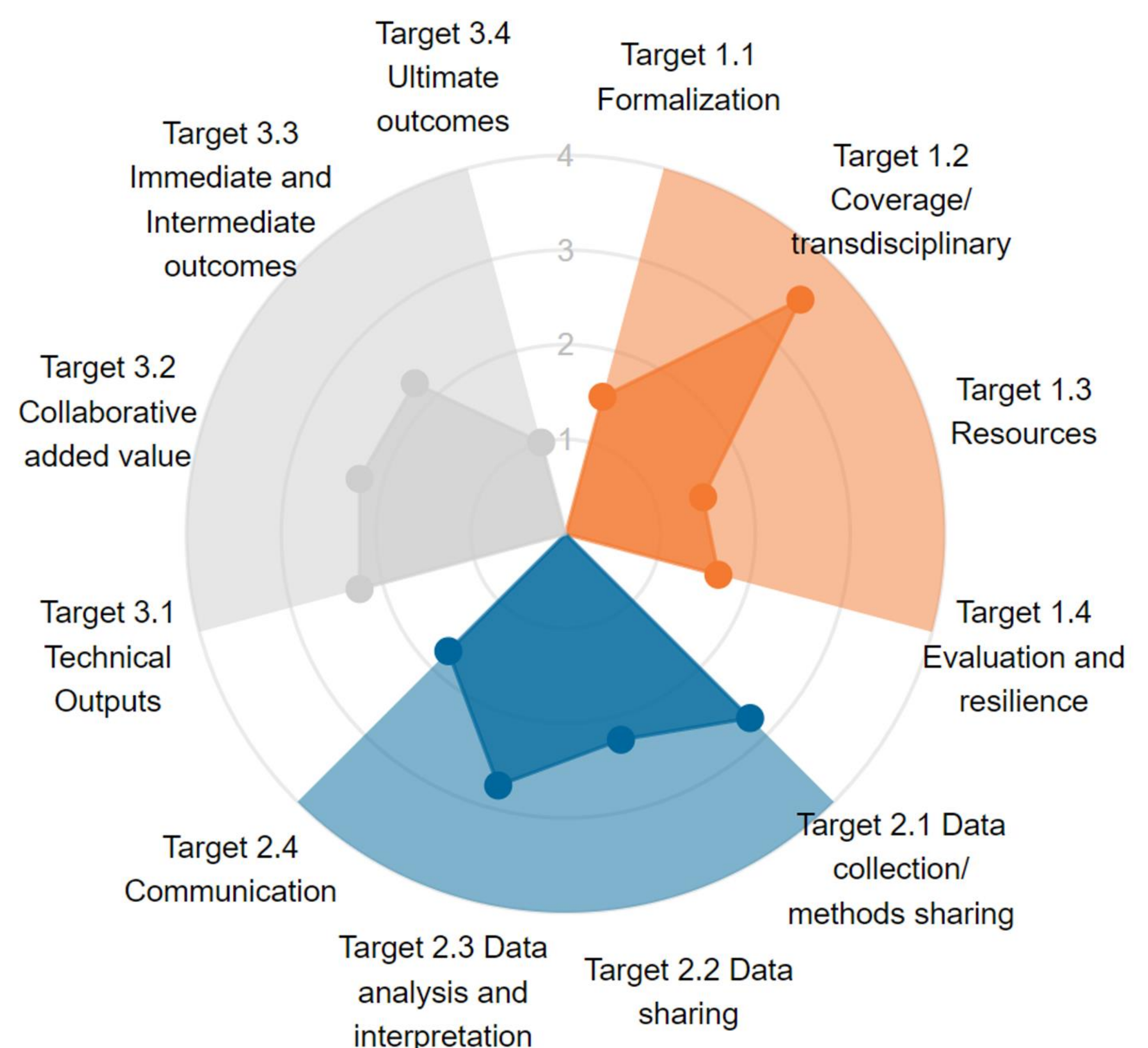
The OH-EpiCap is an interactive tool to evaluate the capacities and capabilities for One Health Surveillance (OHS) of a specific pathogen*.

* The OH-EpiCap tool is developed by the Agency for Food, Environmental and Occupational Health & Safety, France and the University of Surrey, United Kingdom, within the JIP MATRIX project of the One Health EJP.

In March 2022, the tool was piloted on the Danish Psittacosis surveillance system by Statens Serum Institut in a three-hour workshop with stakeholders. The pilot was held in person with Danish representatives across the entire surveillance chain from the public health and animal health sectors.

PILOTING the OH-EpiCap tool

- Participants did not consider the cross-sectorial surveillance of Psittacosis to be an official “system”, but rather a well-functioning OH collaboration.
- The definition of an “OHS system” was discussed among participants to determine what elements would elevate the current Psittacosis “collaboration” to an official “OHS system”.
- The pilot revealed several areas where the OH-ness of the surveillance system could be strengthened.
- It is feasible to conduct an evaluation of capacities and capabilities of an OHS system of Psittacosis.



Overall results of the evaluation of the Danish Psittacosis surveillance system with the OH-EpiCap tool, 2022

- The Danish Psittacosis surveillance system is not integrated, but the collaboration is well-defined and facilitated by informal communication lines.
- The interpretation of the surveillance system by participants as an “OH collaboration” resulted in low evaluation scores with the OH-EpiCap tool, despite the current, well-functioning and cross-sectorial system dynamics and structure.
- Further evaluations should be conducted to investigate whether formalized collaborations involving sector-specific competencies are as valuable and effective as fully integrated OHS systems.