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▶ To cite this version:

Lorette Hivert, Timothée Vergne, Manon Tissidre, Anouk Decors, Guillaume Le Loc'h. Investigating the relevance and feasibility of involving wildlife rehabilitation centres for disease surveillance in France. European Wildlife Disease Association, Sep 2024, Straslund, Germany. hal-04736618

HAL Id: hal-04736618 https://hal.science/hal-04736618v1

Submitted on 15 Oct 2024

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Investigating the relevance and feasibility of involving wildlife rehabilitation centres for disease surveillance in France.

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Once upon a time at the 2024 EWDA conference in Stralsund, Germany

> Hi ! I work in a wildlife rehabilitation centre. I was very interested about the results you presented concerning the French SAGIR network. Can you tell me how it works?

Of course ! The SAGIR network is an epidemio-surveillance network of abnormal mortality in wildlife. It's based on the opportunistic discovery of carcasses. Necropsies and complementary tests are performed to determine the cause of death.

Wow that's impressive !

I see ... I wonder whether involving wildlife rehabilitation in wildlife disease surveillance centres could be usefull. Are you familiar with WRCs ? Thanks ! It has proved to be efficient, but unfortunately, it's not as adapted to detect non lethal health events, and sometimes to detect small size species mortality.

No, l'm not.



WRC







WRCs	SAGIR
Live animals	Dead animals
Small animals	Large animals
Urban and periurban areas	Rural areas

SANTR

... treat around 100 000 wild animals each year

Approximately 100 WRC ...





SAGIR also has a reinforced program for a few diseases, like highly pathogenic avian influenza (HPAI). In times of crisis, carcasses of specific species are systematically tested to detect the virus in with the aim of

Maybe WRCs could help reinforcing wildlife disease surveillance, particularly regarding non lethal health events.





That's not a problem. First, we could also sample species that are not usually included in the surveillance of HPAI. It would help us identify relevant species for HPAI surveillance in WRCs.

On paper, I think so, yes. The only trouble is, WRCs may not necessarily admit many specimens of the species surveyed by SAGIR HPAI reinforced program, for example swans or ducks.

Well, their primary missions are the individual care of distressed wildlife and raising awareness on widlife pre- servation. In addition, they have a lot on their plates.



detecting early new outbreaks.

In such a situation, do you think early detection would be possible by screening some birds for HPAIv in WRCs ?

> I get it ! The relevant species are those which participate in the circulation of the virus, and are admitted in sufficient numbers in WRCs !

I wonder how this new, additionnal mission would be perceived by my fellow WRCs.



I think we're onto something here: including WRCs in wildlife disease surveillance would complement disease surveillance by monitoring different species, and detecting non lethal health events with potential impacts on wildlife conservation, domestic animal health and public health.

Good point. It's important to assess the acceptability and the Well said ! Now, let's get cracking !

feasibility of a new surveillance program befire its implementation, to maximize its efficiency in the long run.



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I have to say, I am surprised

there's no formal disease

surveillance program in

WRCs in France.

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Special thanks to Solène Mouchet-Bastide for providing the original drawings.