

# **Cartography of therapeutic gaps in France: presentation of the Anses ANMV methodology and results**

**Review 2020-21**

**ANMV – Laure Baduel**

# History & objectives of ANMV meetings

2013

Creation of a Working Group (WG N°1) on availability,  
within the RFSA (French Network for Animal Health)



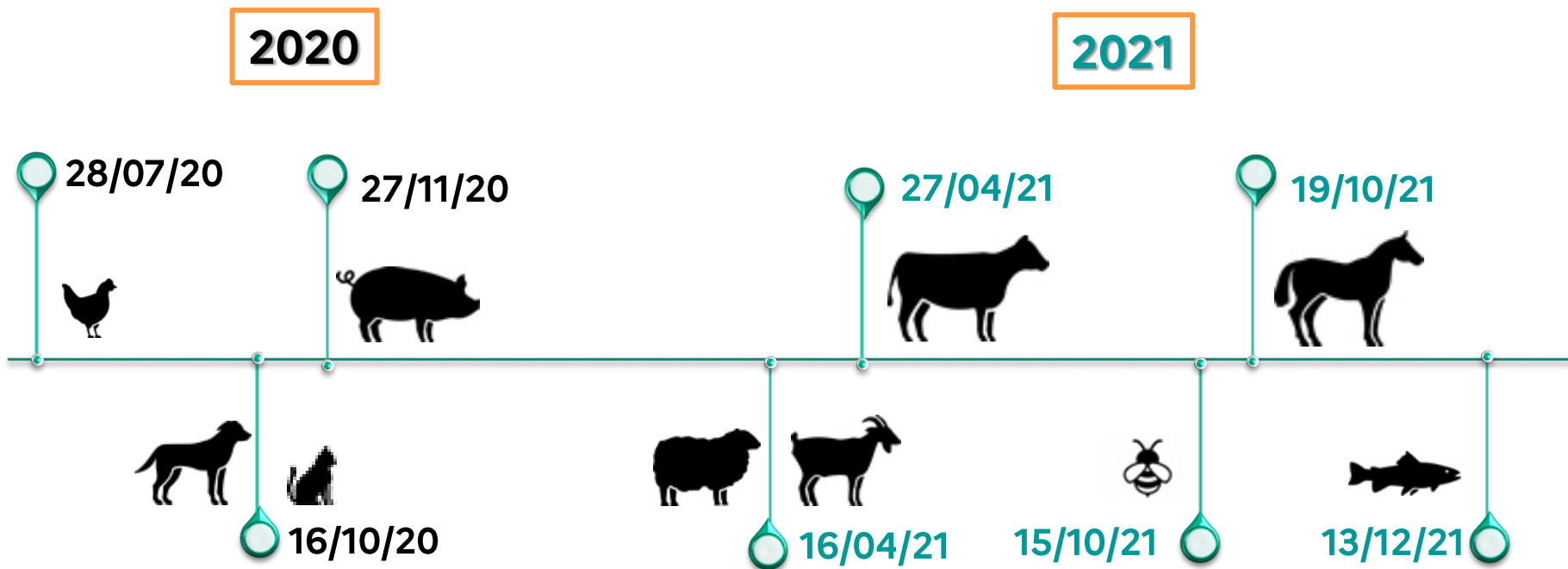
Since 2014

ANMV meetings with representatives of each sector  
approximately every 2 years

Objectives

- To list the therapeutic gaps encountered in the field, their causes and alternatives
- To implement actions as far as possible
- To forward information to the solution players, notably via RFSA

# Frequency of meetings in 2020-2021

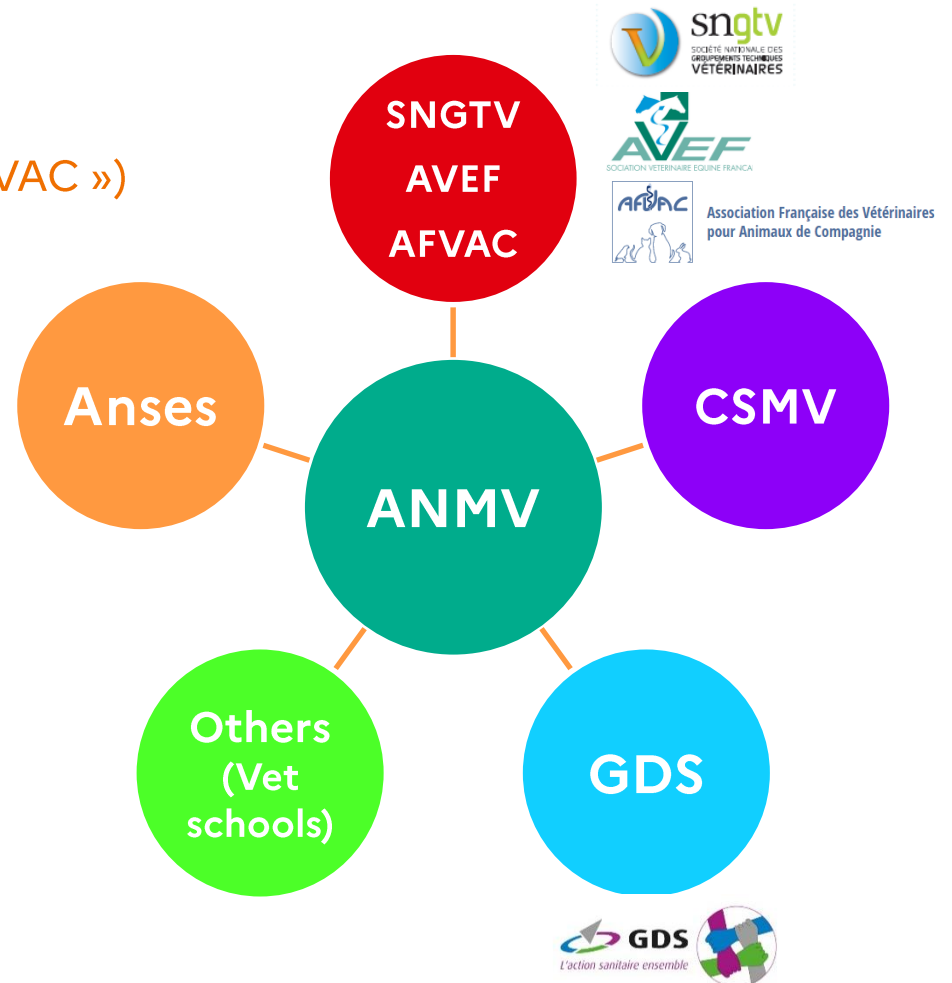




# Participants

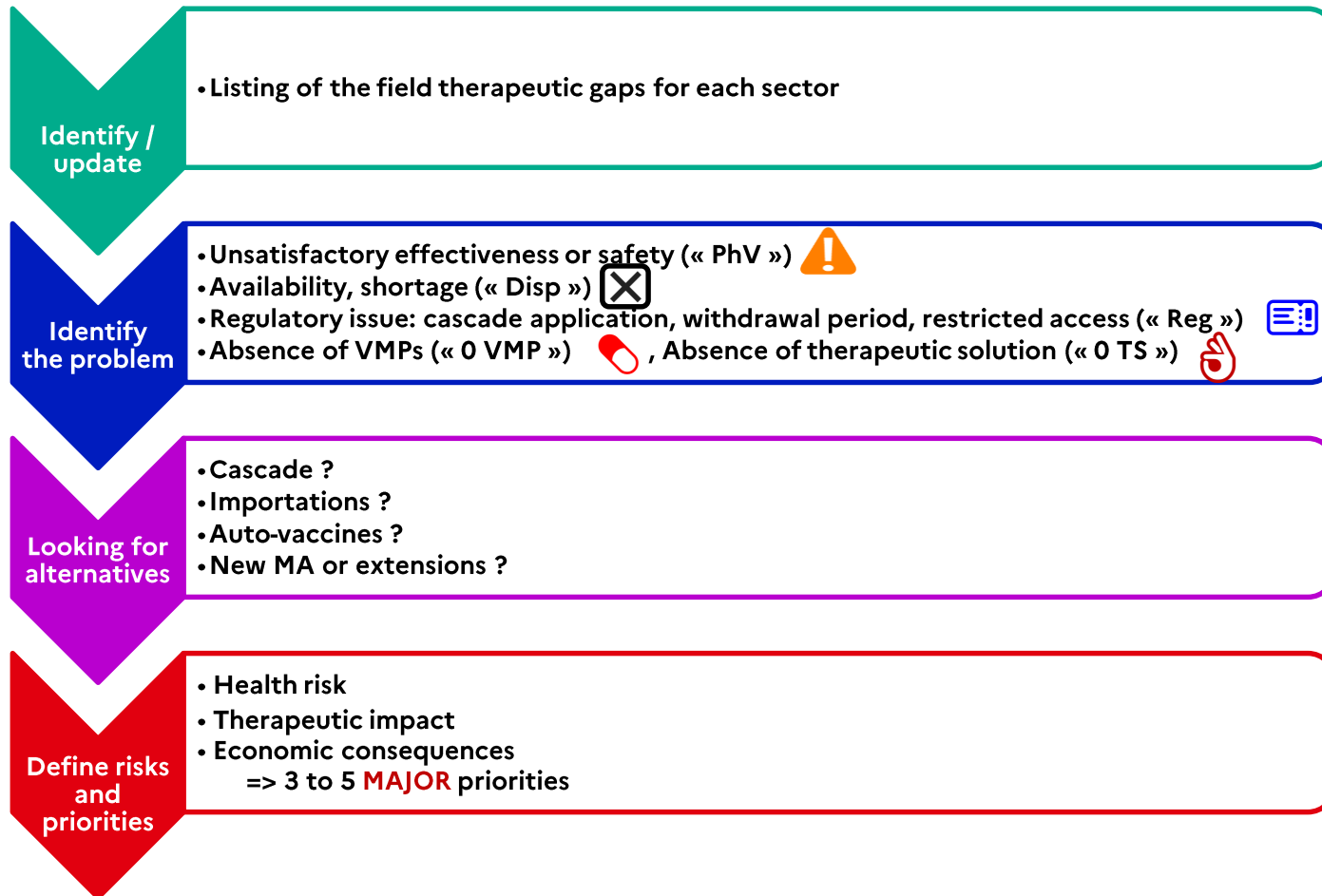
5 to 15 participants representing:

- ANMV
- Vet practitioners (« SNGTV, AVEF, AFVAC »)
- Farmers (« GDS »)
- Vet schools, Anses labs





# Objectives of the meetings



## 3 to 5 MAJOR gaps in producing animal sectors









28/07/20

- Control of fever and inflammation in viral infections of laying hens 
- Histomonosis in turkey, guinea fowl, label poultry and laying hens 
- Pain management for « convenience » acts (caponizing, guinea fowl wing jointing) 



27/11/20

- Post-weaning colibacillosis 
- Influenza 
- *Streptococcus suis* 
- *Brachyspira* 
- Neonatal diarrhoea due to *E. coli*, *Clostridium*, *Enterococcus*, *Rotavirus*   


## 3 to 5 MAJOR gaps in producing animal sectors



27/04/21

- Ocular infections with corneal lesions & teat injuries



- Respiratory mycoplasmosis



- Oral antipyretics



- Oral tranquilizers



- Paramphistomosis



- Dicrocoeliosis



16/04/21

- Digestive strongylosis and increased resistance to parasiticides



- Cryptosporidiosis
- Neonatal colibacillosis



- Sheep scabies



- Myiasis due to *Wohlfahrtia*



- Border disease



16/04/21

- Digestive strongylosis and increased resistance to parasiticides



- Respiratory pasteurellosis (*P. multocida*)



- Mycoplasma mastitis



- Paratuberculosis



- Cryptosporidiosis
- Neonatal colibacillosis



# 3 to 5 MAJOR gaps in producing animal sectors




15/10/21

## • Varroosis:

- Wish for improved modes of administration (APIBIOXAL & VARROMED) 



- Wish for new « repidosing » systems 

- Amitraz decreased efficacy or resistance 





13/12/21

## • External parasitism:



- therapeutic use of various biocides (formaldehyde), 
- only one VMP (Pyceze, with availability issues) 



## • Bacterial diseases:

- almost no antibiotics VMPs for fish 
- Vaccines: shortages, no MA in Fr or autovaccines efficacy issues 

## • Virosis prevention:

- Environmental issues for use of vaccines 
- No vaccine solution 



## 3 to 5 MAJOR gaps in other animal sectors



19/10/21

- Absence of non critical ATB for IV injection
- Chondroprotection: forbidden use of single-use intra-articular injectable, cheaper presentations for humans



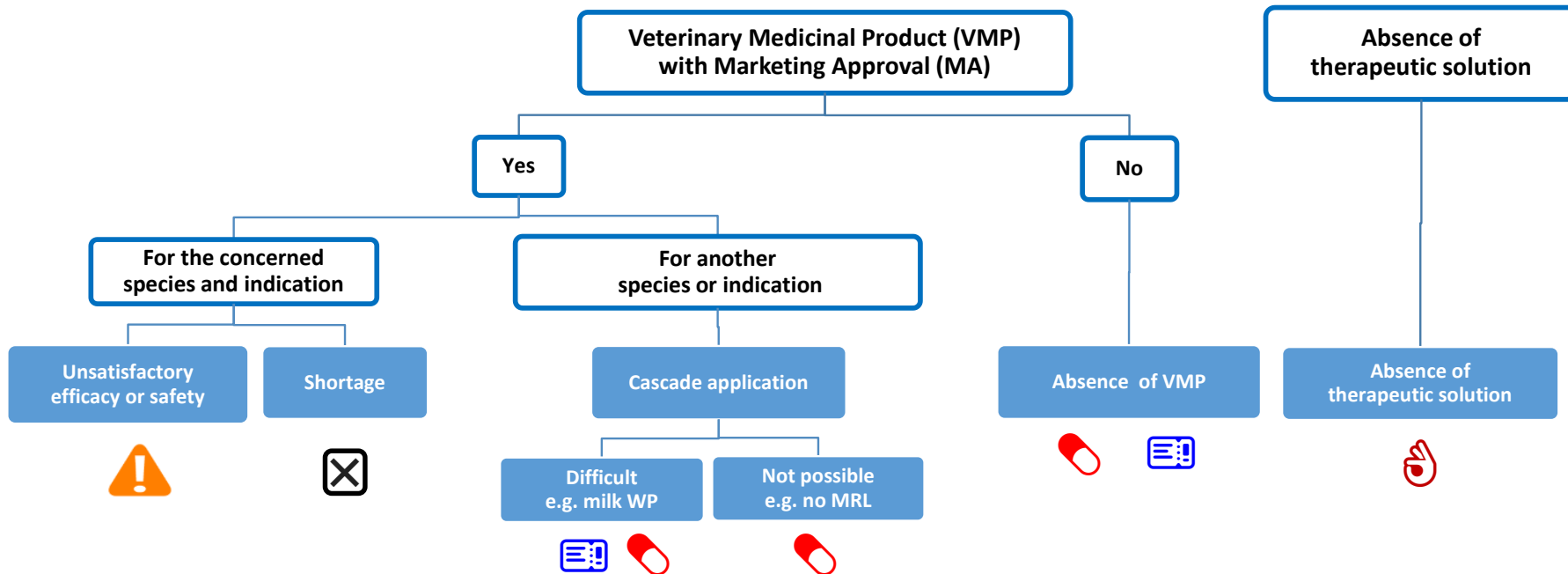
16/10/20

- Absence of non critical ATB for IV injection
- End stage renal disease: forbidden access to EPO or darbopoietine
- Analgesia in case of cervico-facial pruritus : forbidden access to oral gabapentine
- Vasoplegic chock : restricted access to noradrenalin
- Anti-cancer drugs : access issues for chlorambucil

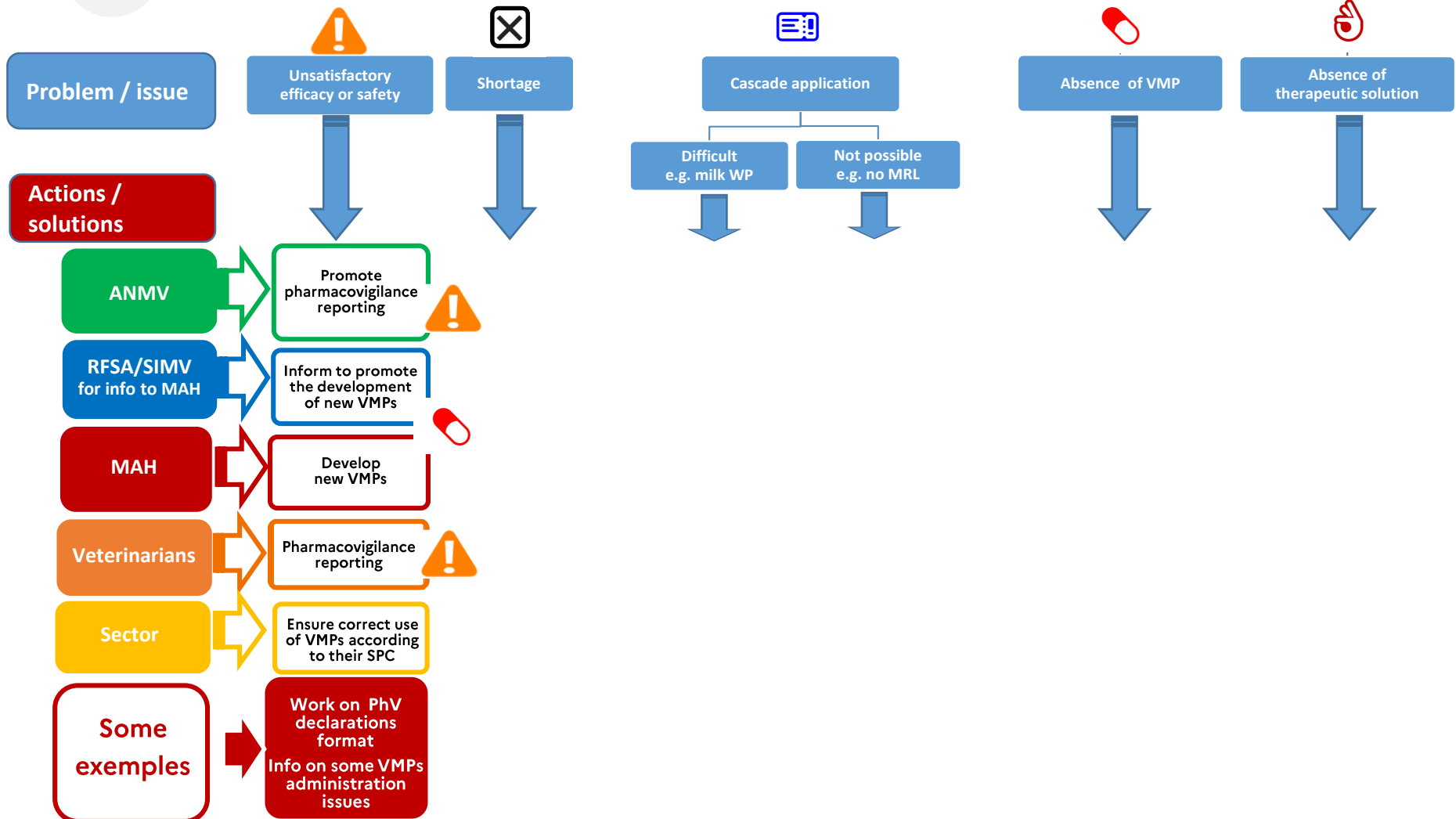
New



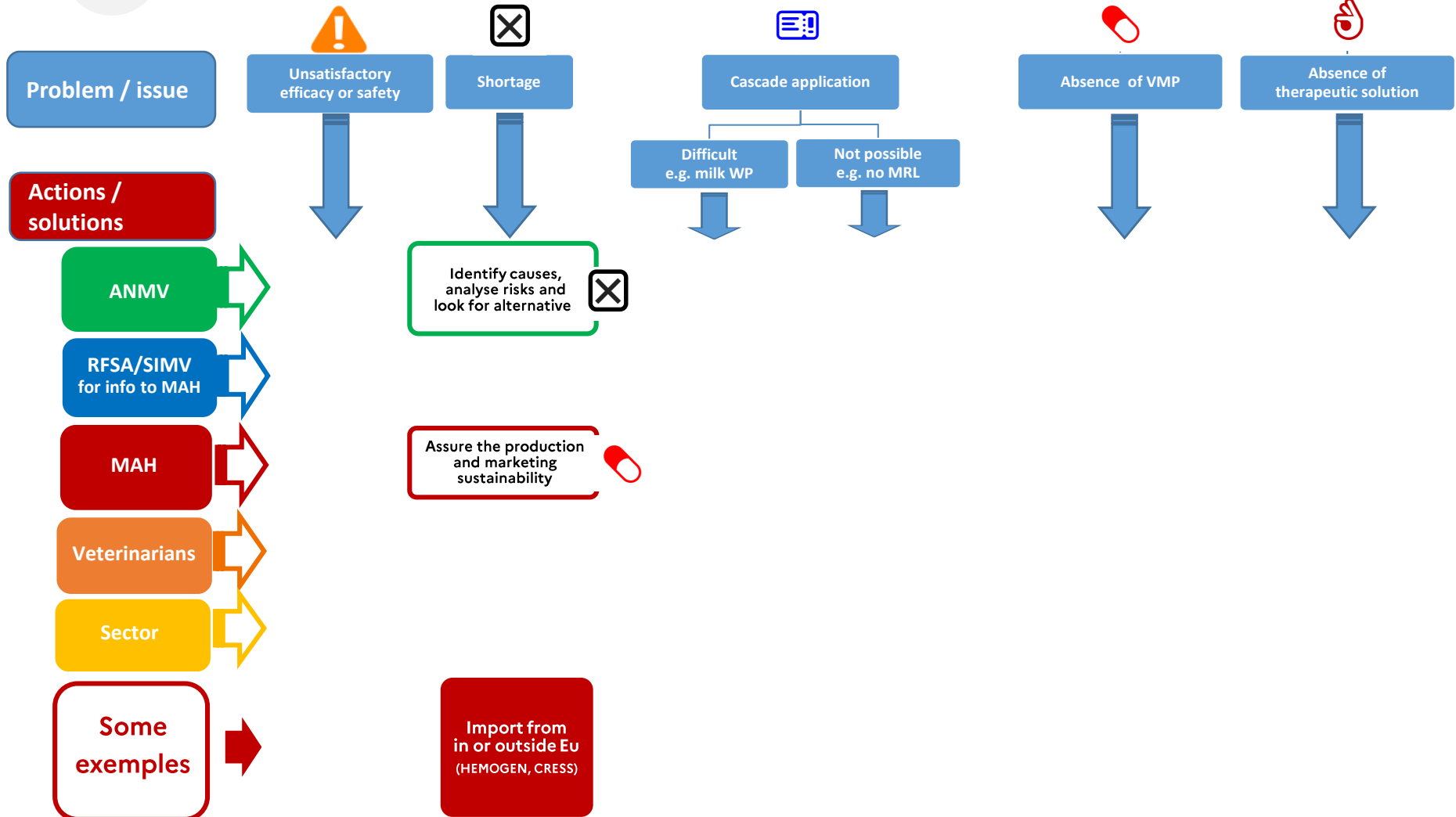
# Various types of issues



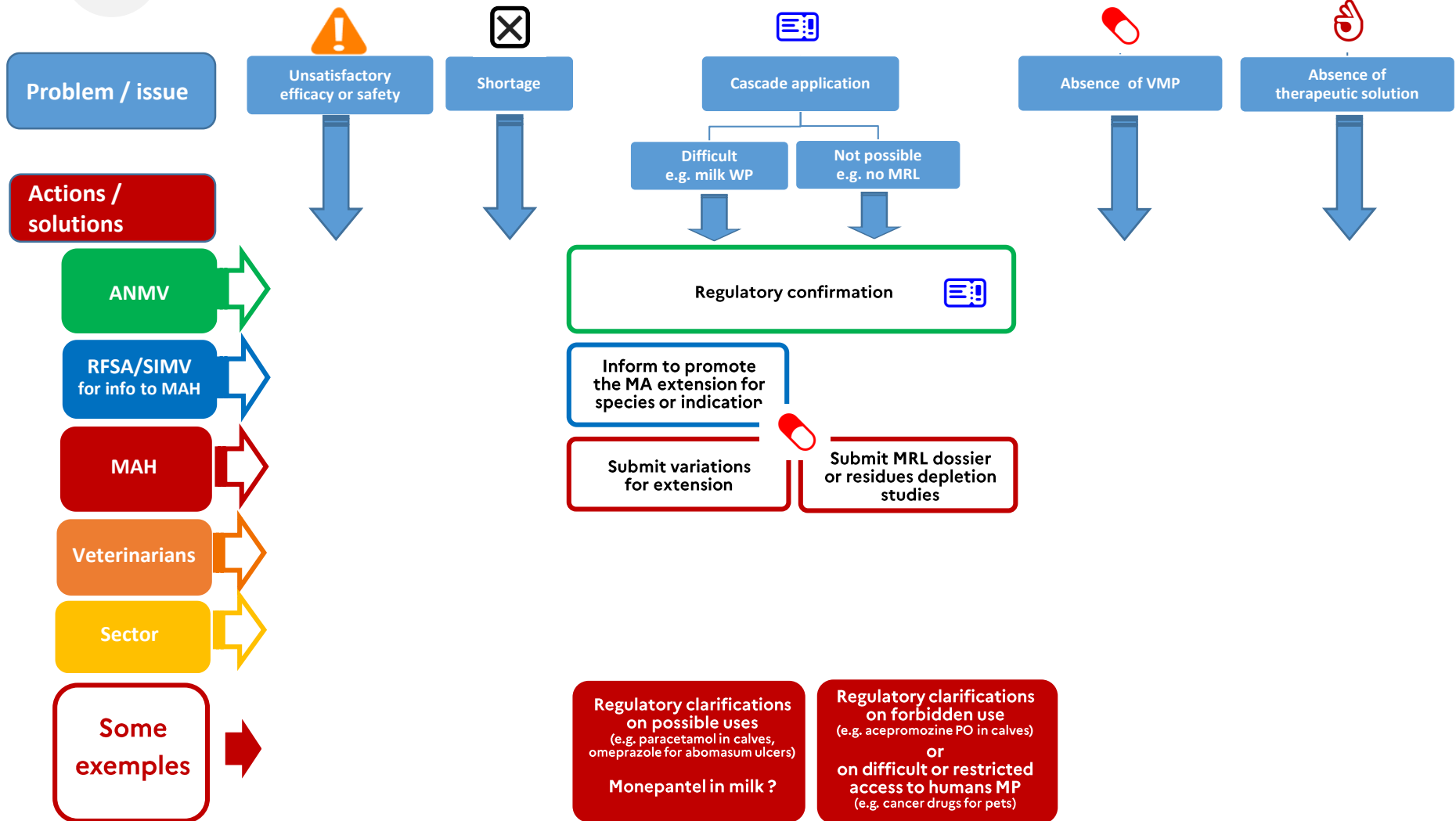
# **Possible actions & actors**



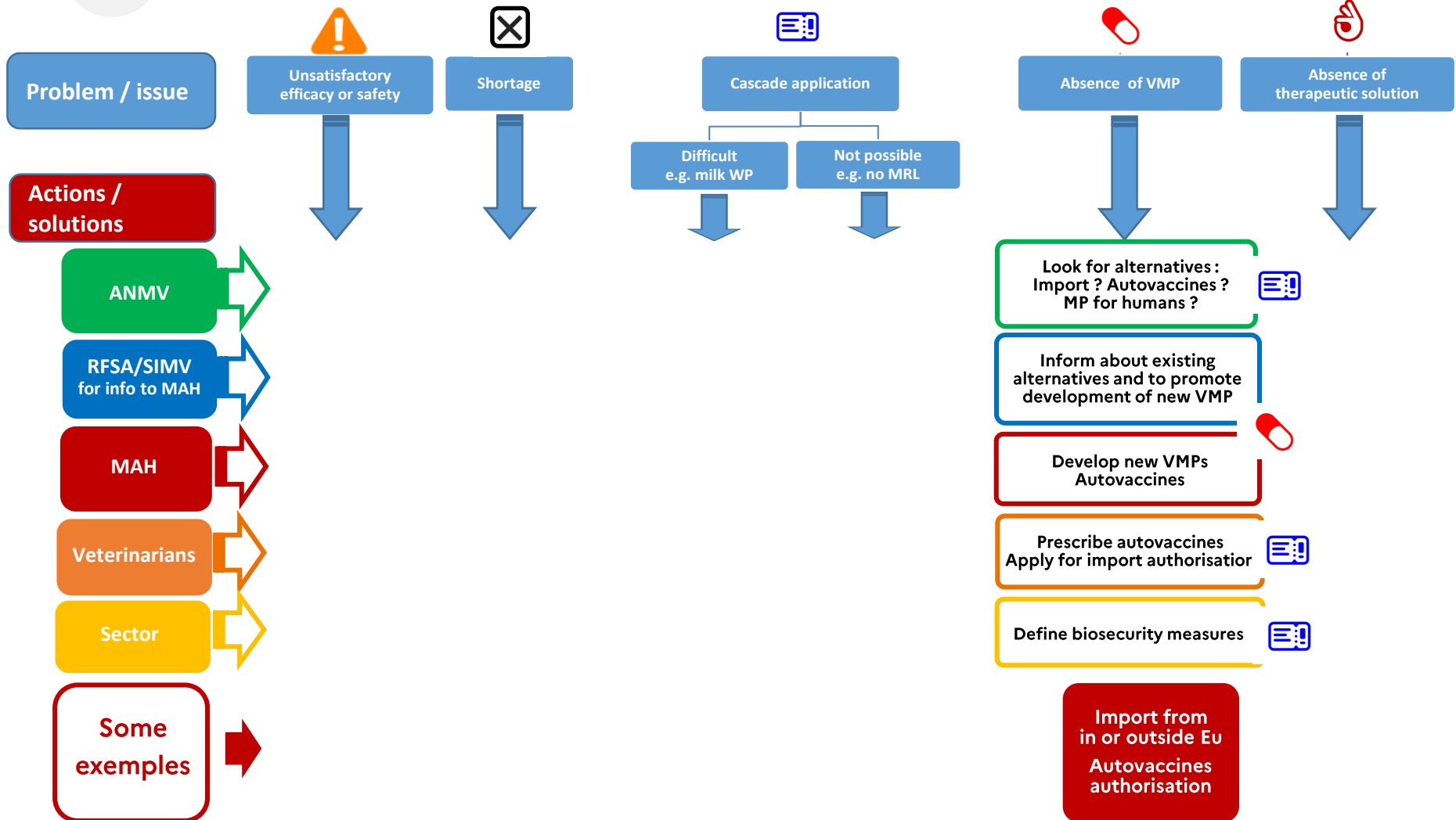
# **Possible actions & actors**



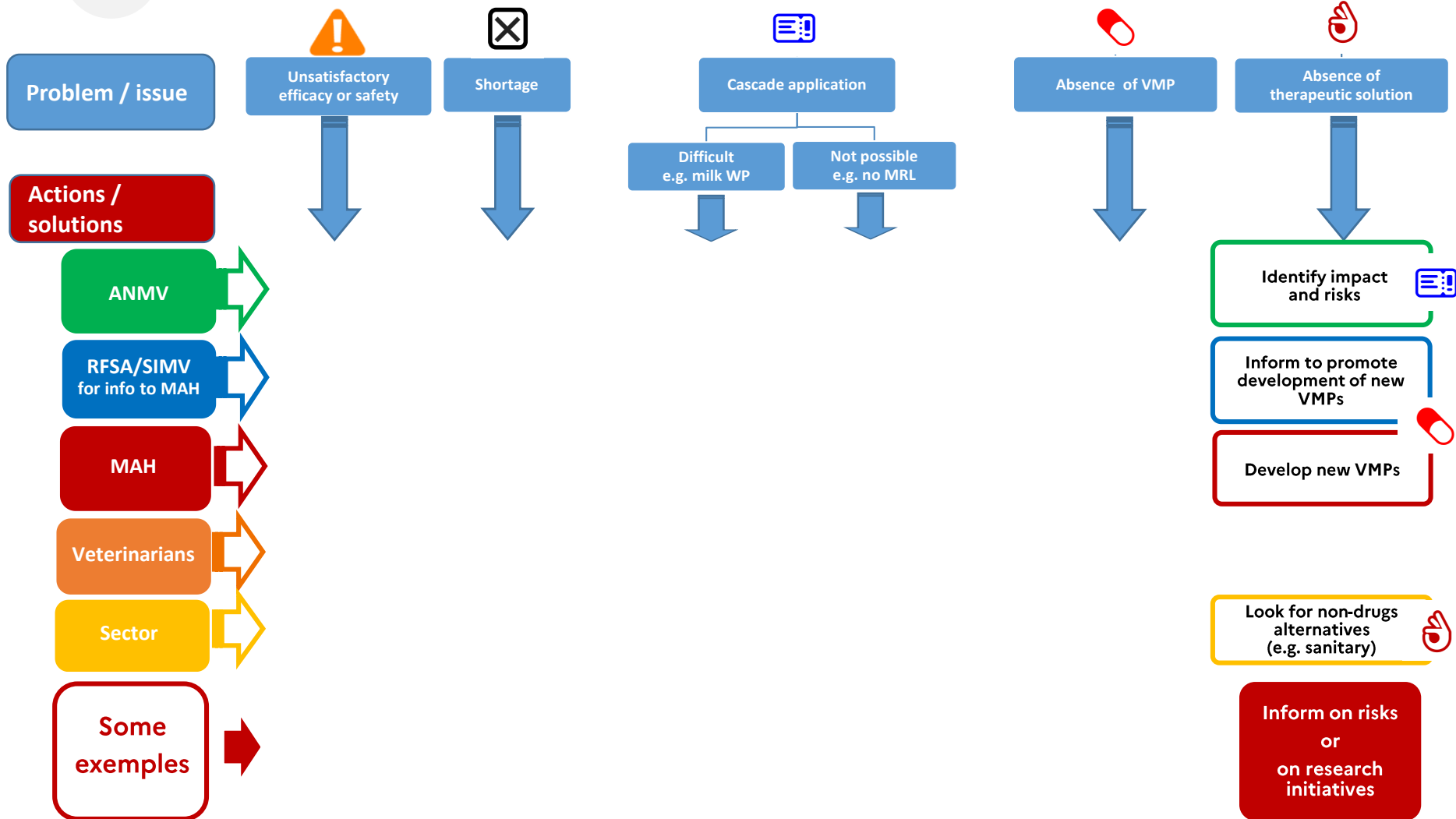
# Possible actions & actors



# **Possible actions & actors**



# **Possible actions & actors**



## Communication

➤ to the participants

➤ on the RFSA website



<https://www.reseau-francais-sante-animale.net/le-rfsa/cartographie-des-gaps-therapeutiques/>

in french and in english

=> *distribution to the MA Holders, to the SIMV, SNGTV, AFVAC, AVEF members etc.*

➤ to the RFSA steering committee (quarterly)



https://www.reseau-francais-sant... x +  
https://www.reseau-francais-sante-animale.net/le-rfsa/cartographie-des-gaps-therapeutiques/

RFSA Réseau Français pour la Santé Animale

Accueil Le RFSA Actualités Extranet Contact

## Cartographie des gaps thérapeutiques

### Mise à jour : Janvier 2022

- Poissons
- Fishes

### Mise à jour : Décembre 2021

- Chevaux
- Horses
- Abeilles
- Bees

#### Mise à jour Juin 2021

- Petit Ruminants
- Sheep
- Bovins
- Cattle

#### Mise à jour Janvier 2021

- Bilan 2020 réunions filières gaps thérapeutiques
- Updated review 2020 on therapeutic gaps ANMV meetings
- Abeilles
- Bees
- Chevaux
- Horses

Taper ici pour rechercher

18°C Ensoleillé 18:21 02/05/2022

## In conclusion, the main benefits of these meetings are:

- Promoting exchanges between field, practitioners and authorities
- A good representation at national level
- A transversal vision of the problems encountered
- Identification of the causes, risks and priorities related to these therapeutic deficiencies
- The implementation of actions to find solutions together



*Thank you for  
your attention*

Any questions ?



## Disease Control Tools (DISCONTTOOLS)

See <http://www.discontools.eu/>

DISCONTTOOLS (DISEase CONTROL TOOLS) is an open-access database to assist public and private funders of animal health research and researchers in identifying research gaps and planning future research.

The database contains research gaps as well as a gap scoring and prioritisation model for more than 50 infectious diseases in animals.

The data are provided by disease-specific expert groups, reviewed by a project management board, and updated in a 5-year cycle.

Users can select their topics of interest, compare the selected topics across diseases and prioritise the diseases according to a range of customisable criteria.

By identifying the gaps in knowledge and available control tools, DISCONTTOOLS helps to prioritise research and speed up the development of new diagnostics, vaccines, and pharmaceuticals.

