



**Cristóbal Zepeda**

President

## Scientific Commission for Animal Diseases

89<sup>th</sup> General Session May 2022

Paris, France



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# Outline

1. Overview of the Commission, its Secretariat, and activities
2. Updating OIE Standards
3. Global Strategies and Initiatives
4. Official animal health status recognition and endorsement of official control programmes
5. Liaison with other Specialist Commissions
6. Disease control: specific issues
7. Future work programme of the Commission



# Overview of the Commission, its Secretariat, and activities



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# SCAD Commission Members

**1<sup>st</sup> Vice President**  
Dr Kris de Clercq



**Member**  
Dr Baptiste Dungu



**Member**  
Dr Misheck Mulumba



**President**  
Dr Cristóbal Zepeda



**2<sup>nd</sup> Vice President**  
Dr Trevor Drew



**Member**  
Dr Silvia Bellini



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# SCAD Secretariat

## Science Department



## Status Department



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# SCAD Activities Summary 2021–22

Two  
Commission  
meetings

September  
2021

February 2022

Participation in  
*ad hoc* Group  
meetings

**Eight** *ad hoc*  
Group  
meetings

Liaison with  
the Code  
Commission

**One** Bureau  
meeting

Contribution  
to **six** Code  
Chapters

Official status  
activities

12 applications  
evaluated for  
disease status  
recognition and  
endorsement  
of official  
control  
programmes

Other  
highlights

**Four** case  
definitions  
reviewed and  
endorsed

**Two** listing  
assessments  
finalised; **three**  
in progress

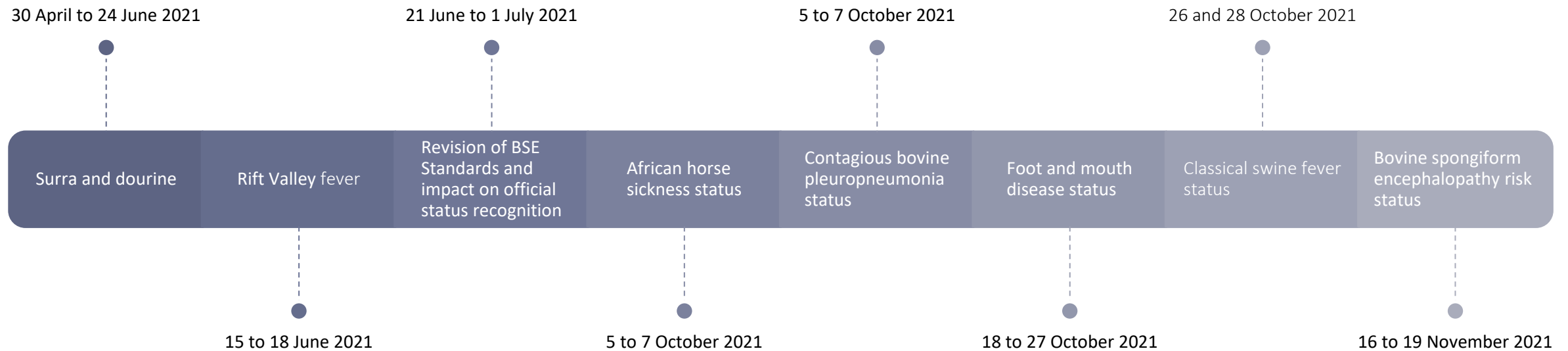


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# AHG meetings with SCAD mandate or participation 2021–22



\* No applications received for PPR and dog-mediated rabies for evaluation



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# Updating OIE Standards



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# Code chapters considered by SCAD

## September 2021

- 8.14. Infection with rabies virus
- 12.1. Infection with African horse sickness virus
- 12.2. Contagious equine metritis
- 12.7. Equine piroplasmiasis

## February 2022

- 8.8. Infection with foot and mouth disease virus
- 11.4. Bovine spongiform encephalopathy

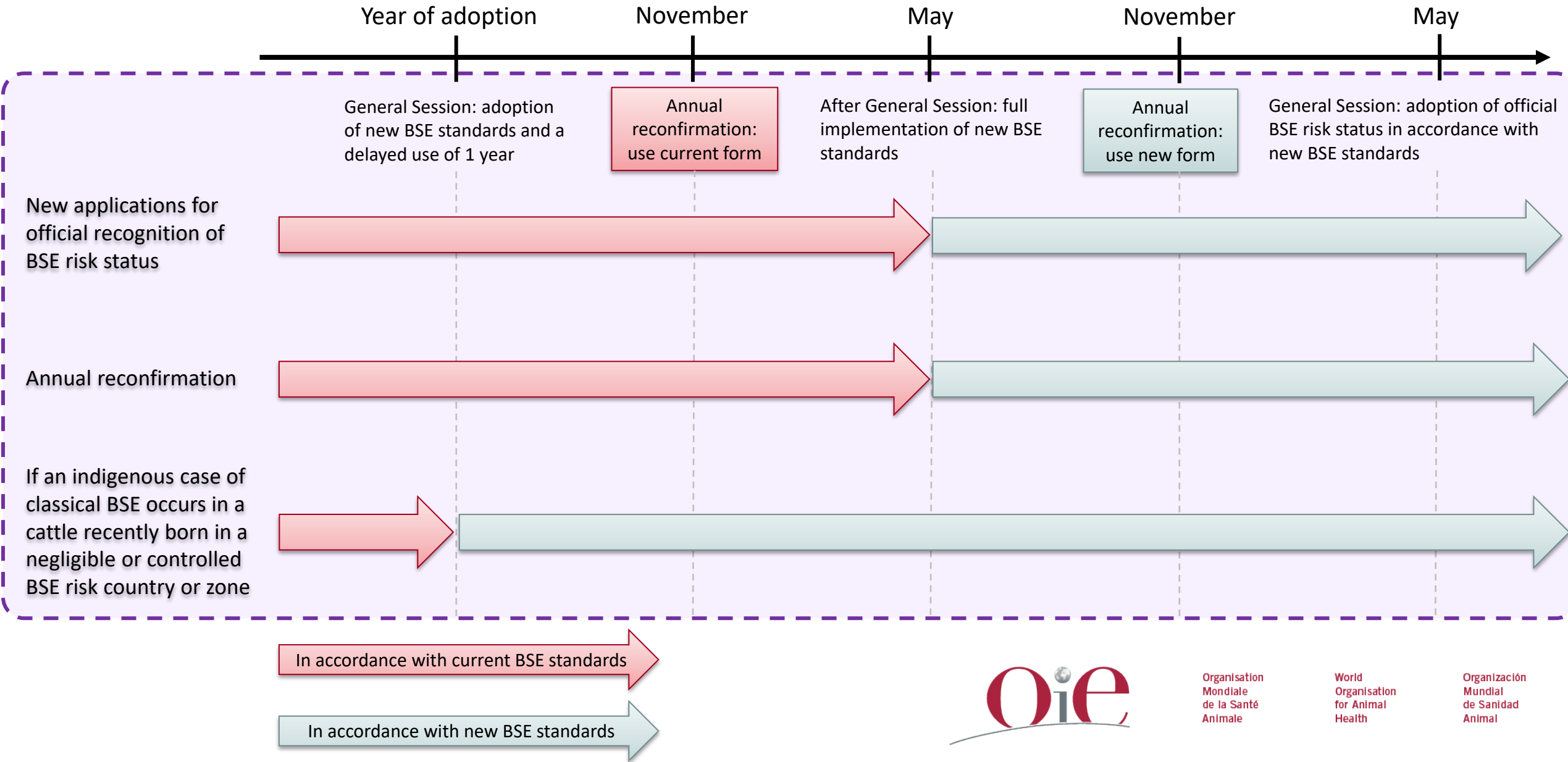


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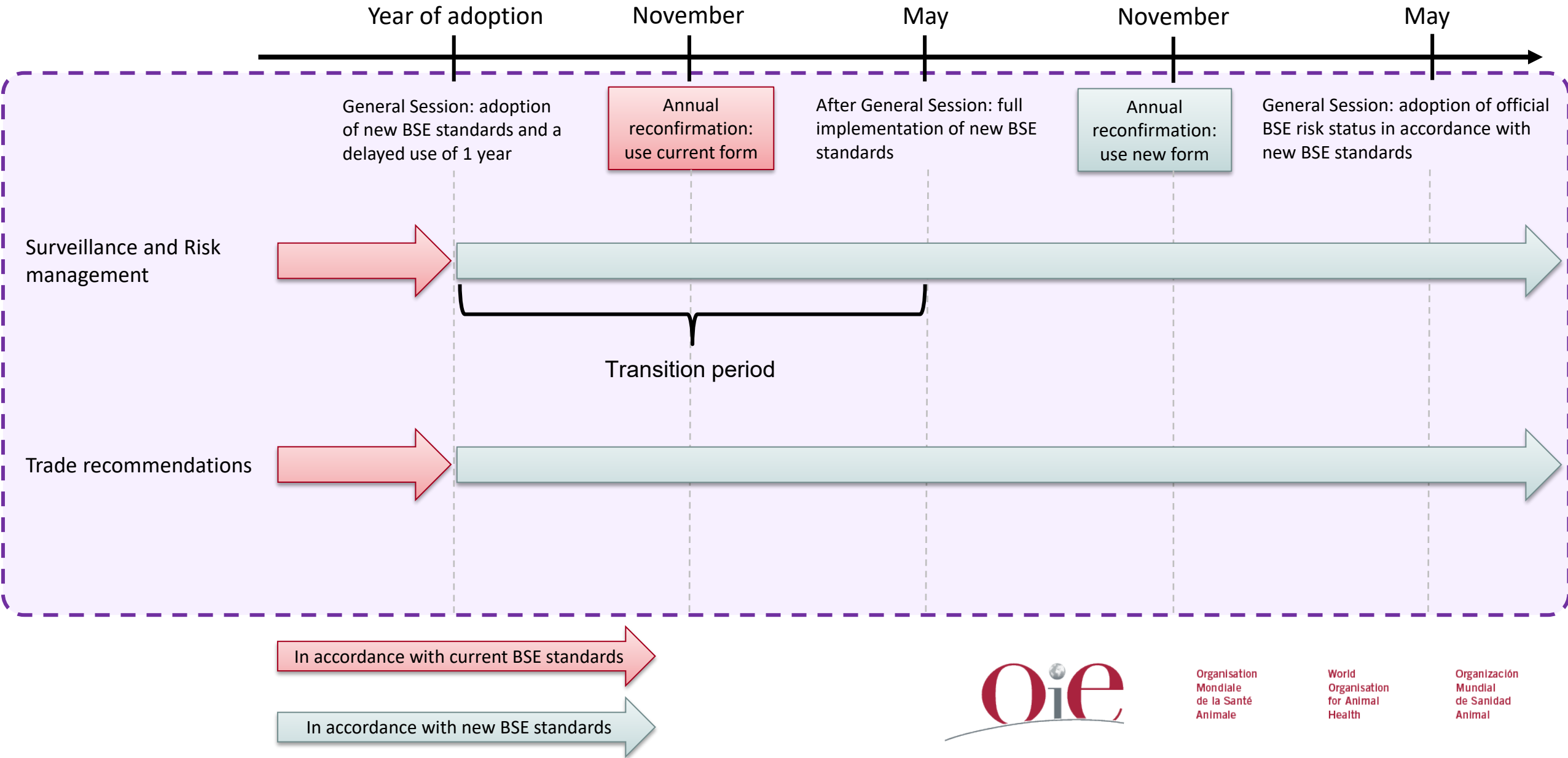
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# BSE standards: Implementation of BSE Standards related to the procedures of official recognition, annual reconfirmation, and maintenance of BSE risk status



# BSE standards: Implementation of BSE Standards related to surveillance, risk management, and trade recommendations





# Reference for Estimation of the date from which the risk of BSE agents being recycled within the cattle population has been negligible (starting date)

- ✓ For countries and zones with **negligible BSE risk status**: at least eight years prior to the year of official recognition by the OIE

Starting date

Recognition of negligible BSE risk status



Recognition of controlled BSE risk status and starting date

- ✓ For countries and zones with a **controlled BSE risk status**: at least from the year of official recognition by the OIE



# Global Strategies and Initiatives

**oie**

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# Global foot and mouth disease control strategy

## Strengthening global and regional coordination of FMD control

- **Global coordination committee for FMD control (GCC-FMD)**
  - 2nd meeting to developing activities for enhanced global coordination for 2027
- **Assessing and monitoring global and regional progress in FMD control**
  - 26th Meeting of the OIE Sub-Commission for FMD in South-East Asia, China, and Mongolia
  - Roadmap meetings: Western Africa, Eastern Africa and Middle East
  - Epidemiology and Laboratory network meeting for West Eurasia
  - Evaluation of implementation of the national, regional and global FMD strategies
- **Addressing the threat of FMD serotypes O and A in the SADC region (April 2022)**



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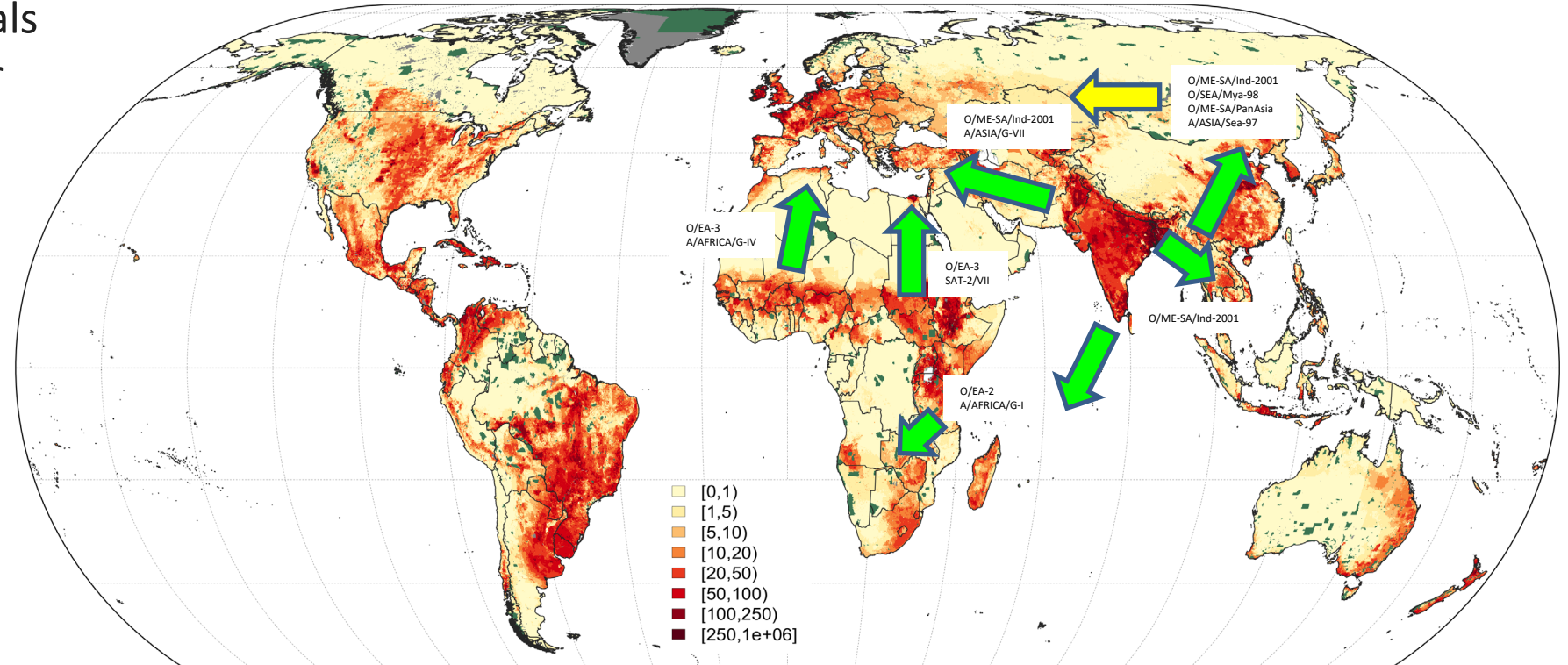
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# Trans-pool movements of FMDV since 2015

## ■ Some of the underlying causes:

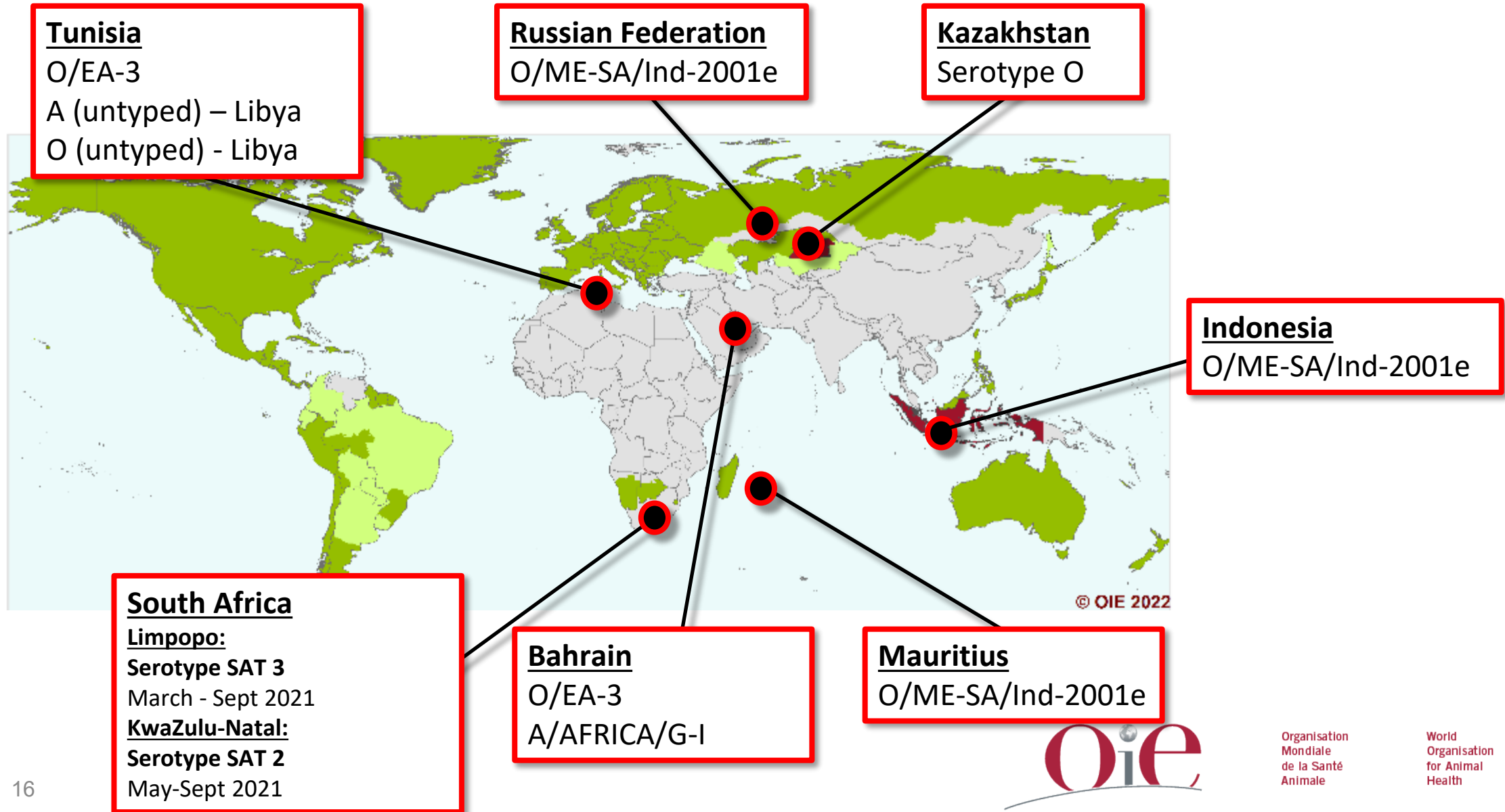
- Movement of animals (increased demand for animal protein)
- Migration of people with animal products
- New opportunities (road building)



Cattle density map

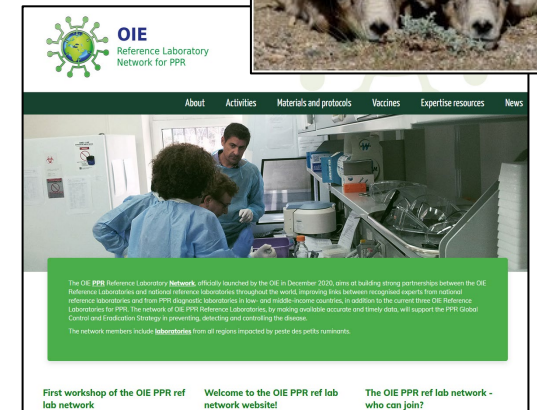
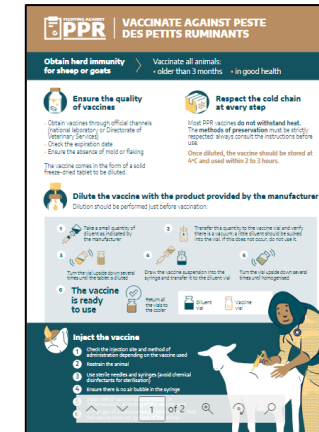
Robinson *et al.*, 2007

# Headline events 2021/22



# Peste des Petits Ruminants Global Control & Eradication Strategy

- The revision of the **PMAT** has been finalised, soon online
- FAO/OIE Guidelines for the Control and Prevention of PPR in Wildlife Populations is available online
- OIE PPR Vaccine bank renewed for 2022-2025, thermotolerant vaccine included
- Infographics on PPR diagnosis and on vaccination against PPR released in French and English
- Workshop of OIE PPR reference laboratory held and website published
- Second phase of implementation of the **PPR Global Eradication Programme** under preparation, based on extensive consultations with all involved regions, PPR GREN, main donors and stakeholders



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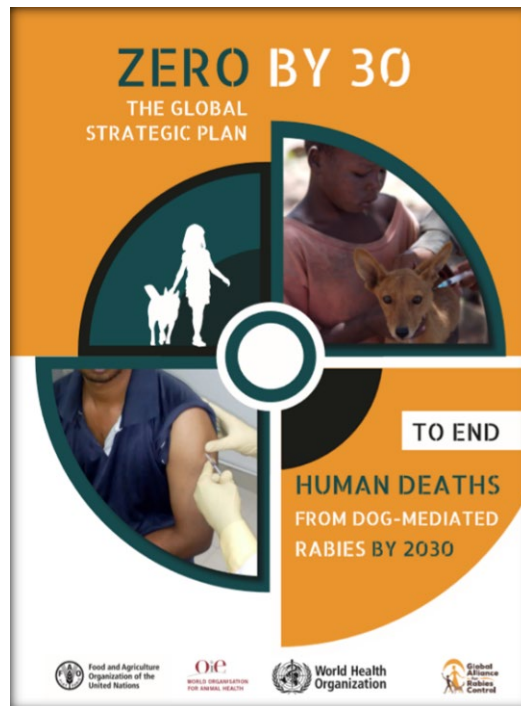
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# Rabies—Zero by 30

## United Against Rabies Forum

- Inclusive network of diverse stakeholders
- Supports implementation of ‘Zero by 30’
- Priority activities progressed by three working groups:
  - Effective use of vaccines, medicines, tools and technologies
  - Strategic and operational support
  - Advocacy and resource mobilization



Together, we can end all human deaths from dog-mediated rabies by 2030.

Supported by FAO, OIE and WHO (the Tripartite), the United Against Rabies Forum takes a multi-sectoral, One Health approach bringing together governments, vaccine producers, researchers, NGOs and development partners.

[www.unitedagainstrabies.org](http://www.unitedagainstrabies.org)



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# Global control of African swine fever: a GF-TADS initiative

http://www.gf-tads.org/lasf/the-global-initiative-for-the-control-of-asf/en/



- 6-year strategic plan linked to 2-year operational plan
- Objectives:
  - Building capability
  - Coordination
  - Business continuity

- ASF risk communication campaigns and materials with global reach, with targeted messages for key audience groups

## Key events and activities

- GF-TADS virtual meeting, organised jointly with International Meat Secretariat- Stop ASF: public and private partnering for success 14-28 June 2021

- Regional and global expert networking through regional Standing Group of Experts on ASF (SGE ASF), global research through Global African Swine Fever Research Alliance (GARA)

<https://trello.com/b/GloiZoik/african-swine-fever-oie-fao>



<http://www.gf-tads.org/events/events-detail/en/c/1154304/>



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Official animal health  
status recognition and  
endorsement of official  
control programmes



# Expert missions and annual reconfirmations

*- for recognition and maintenance of official status / endorsed programmes*

- **Virtual interviews** as an alternative option to field missions
  - Second virtual interviews performed in December 2021 for the maintenance of an official status
  - Option of virtual interviews added to the OIE Standard Operating Procedures on official recognition of animal health status and endorsement of official control programmes (Mission\_SOP)
- A total of **381 annual reconfirmations** were assessed
  - Of these, 56 were comprehensively evaluated by SCAD
- The list of Members proposed for retention on the list was communicated to the Members on 17 March 2022.
- Online platform on official status/endorsed programme recognition is under development by the OIE

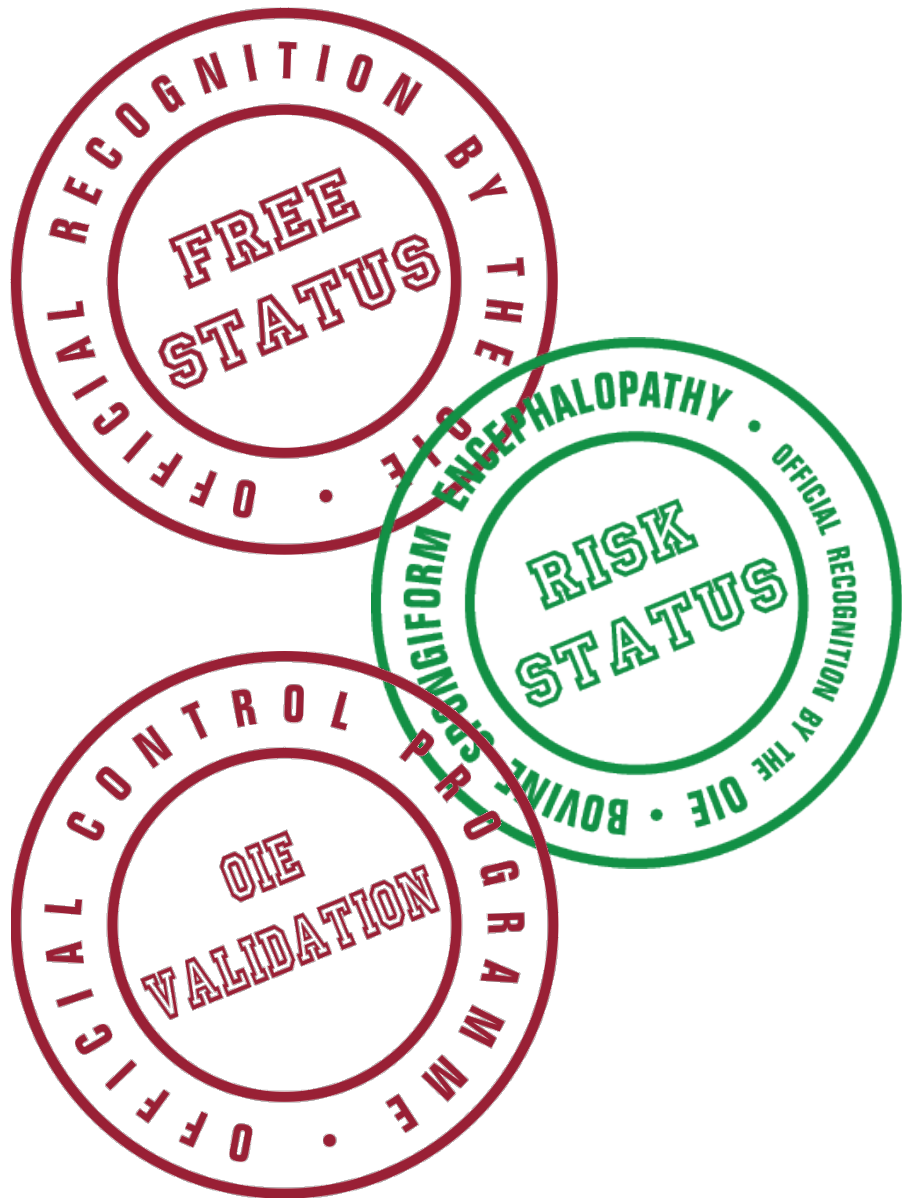


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# Member status evaluations



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# Recognition of the Foot and Mouth Disease status of Members



New zone proposed for adoption



## ***Russia (FMD-free zone where vaccination is practised):***

*Zone Eastern Siberia: consisting of two Subjects Republic of Tuva and Republic of Buryatia and one administrative Raion of the Republic of Altai (Kosh-Agachsky Raion)*



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# Endorsement of Official Control Programme for FMD of Members



## New Member proposed for adoption



## Botswana

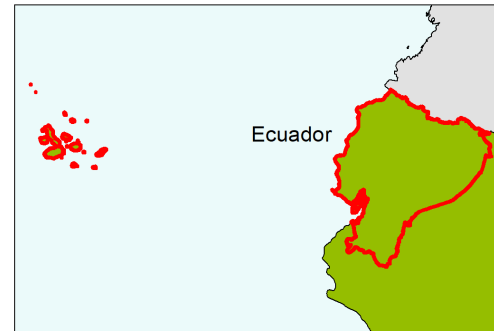
*Zones within the green boundary are officially recognised free from FMD where vaccination is not practised*

# Recognition of the Contagious Bovine Pleuropneumonia status of Members

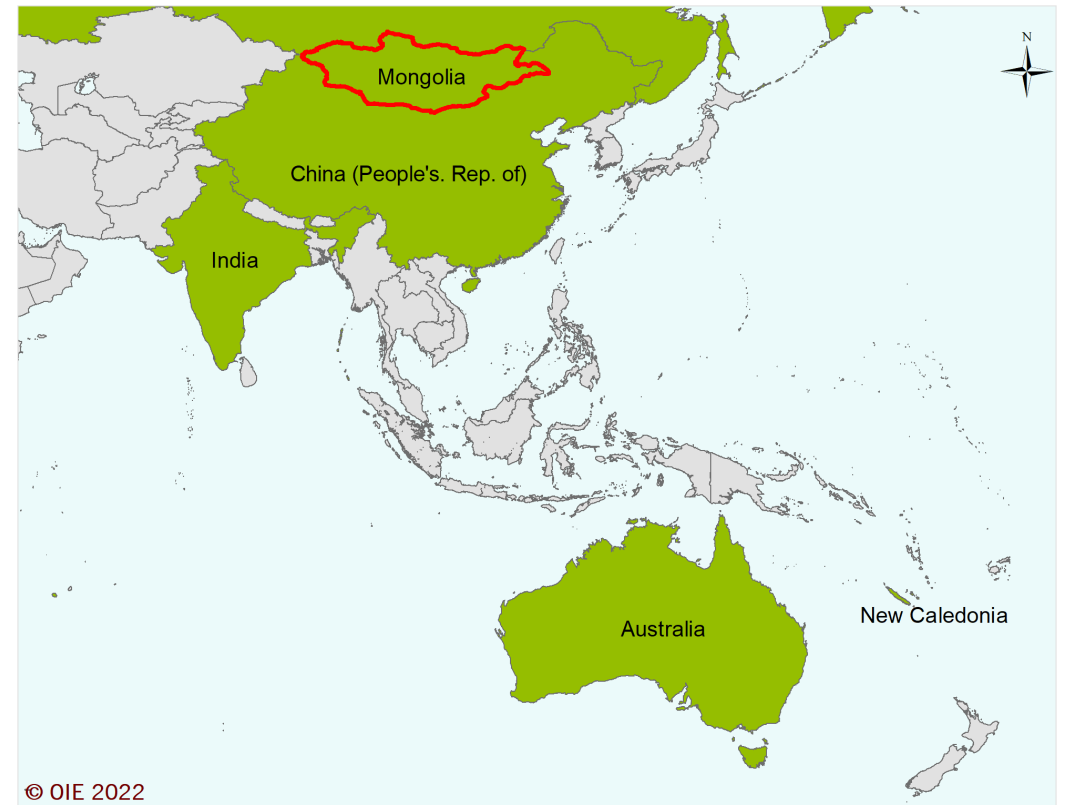


New Members proposed for adoption

## Ecuador



## Mongolia

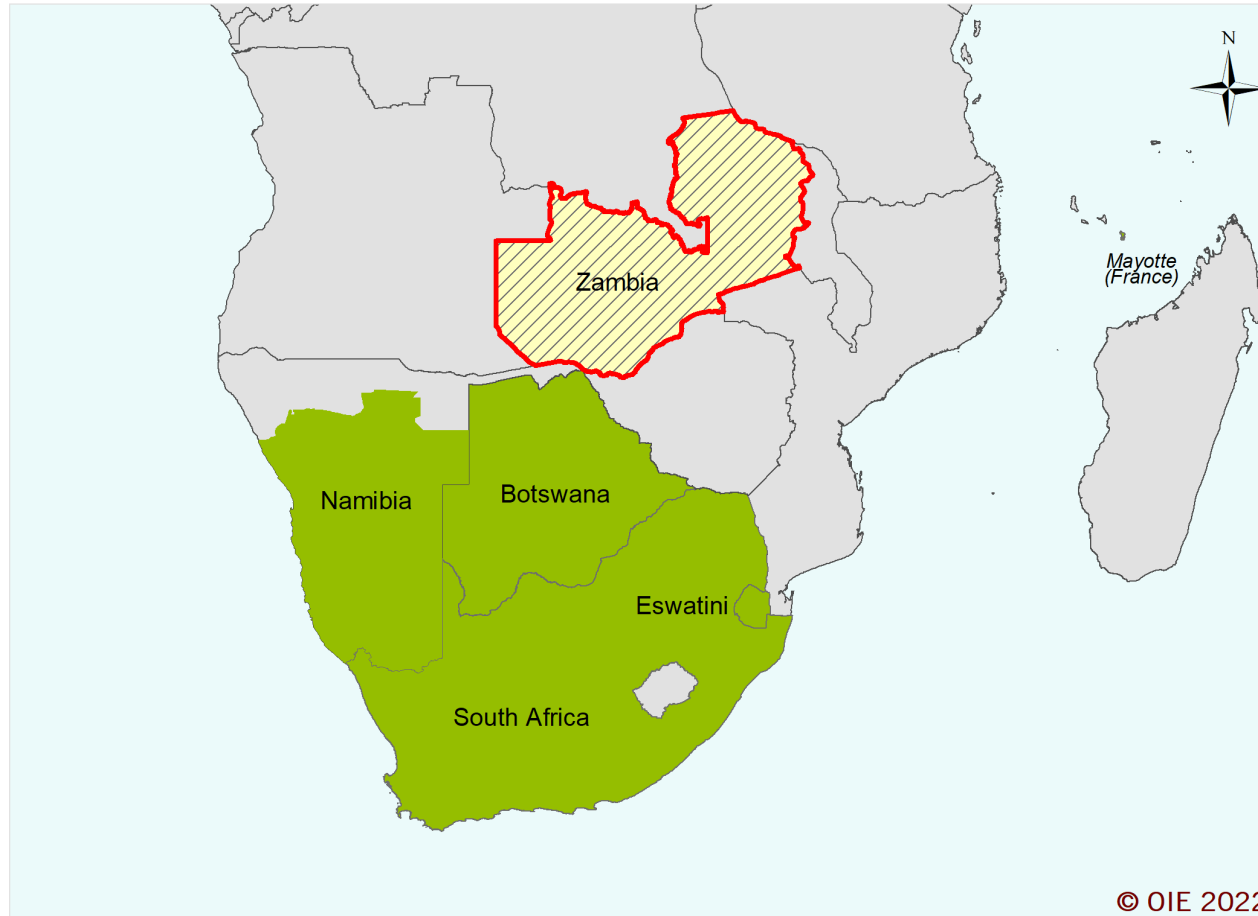




# Endorsement of Official Control Programmes for CBPP of Members



New Member proposed for adoption



**Zambia**

© OIE 2022



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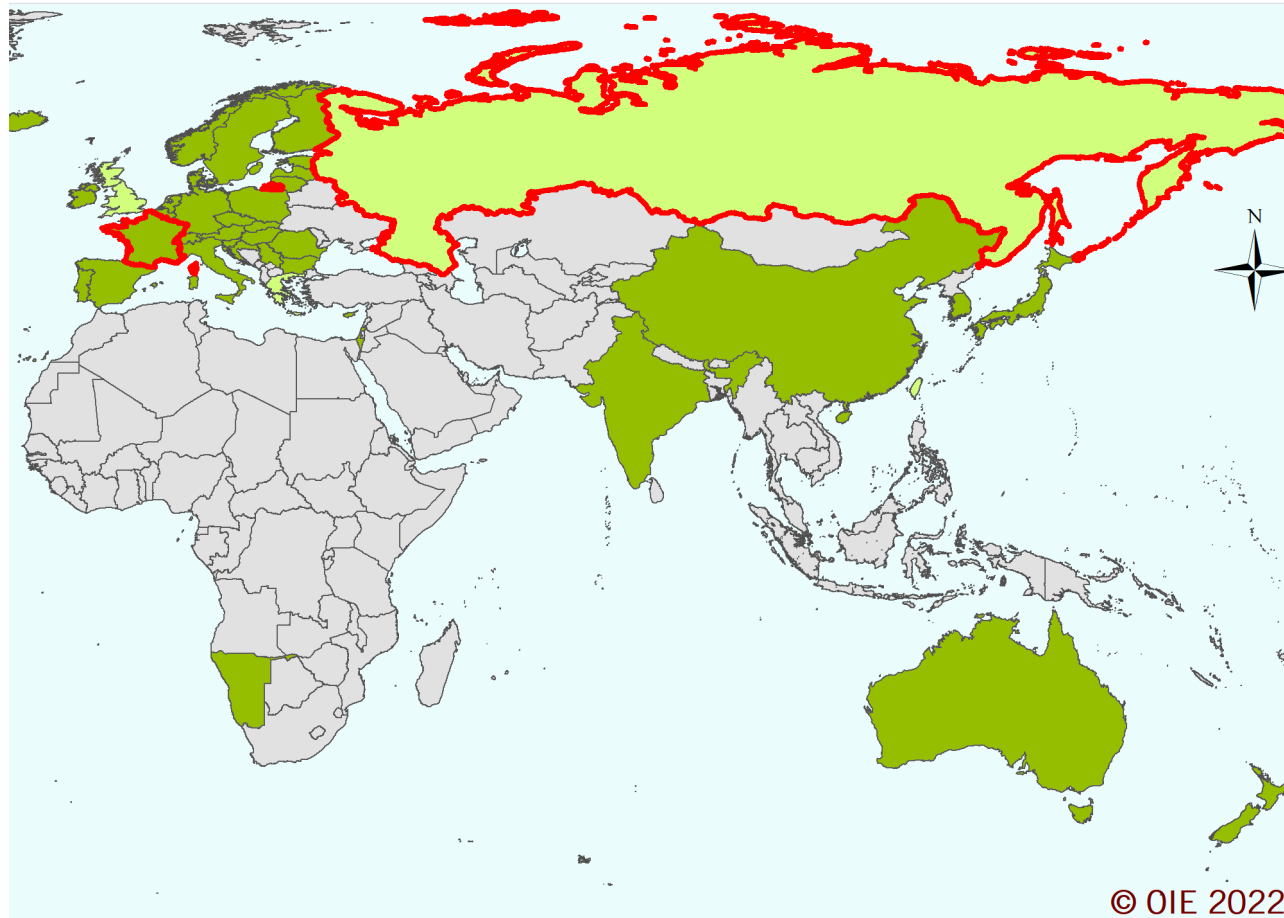
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# Recognition of the Bovine Spongiform Encephalopathy Risk Status of Members



New Members proposed for adoption



*Negligible BSE risk*

***France***

*Controlled BSE risk*

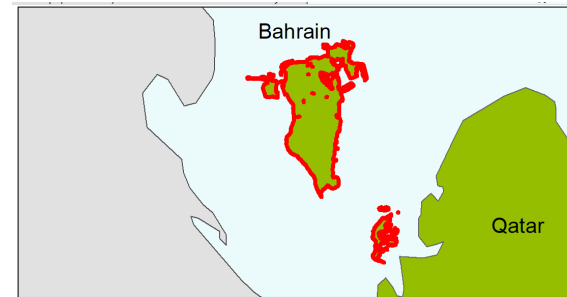
***Russia***

# Recognition of the African Horse Sickness Status of Members



New Member proposed for adoption

## Bahrain

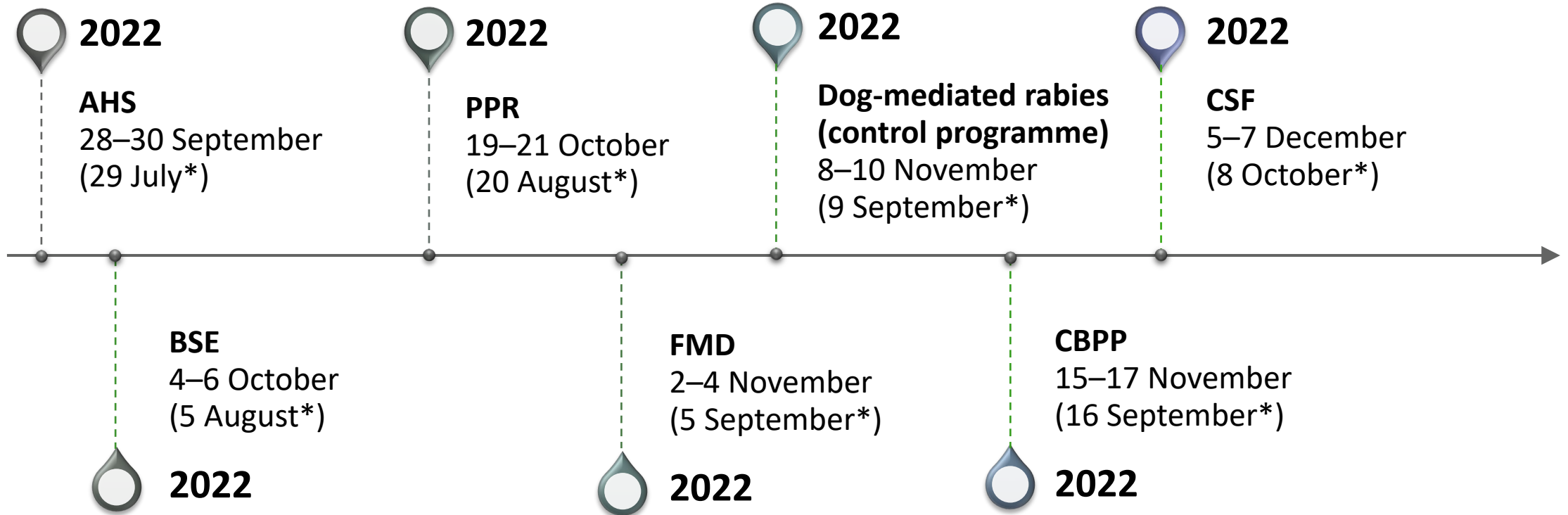


# Resolutions

No. 11	Recognition of the Foot and Mouth Disease Status of Members
No. 12	Endorsement of Official Control Programmes for Foot and Mouth Disease of Members
No. 13	Recognition of the Contagious Bovine Pleuropneumonia Status of Members
No. 14	Endorsement of Official Control Programmes for Contagious Bovine Pleuropneumonia of Members
No. 15	Recognition of the Bovine Spongiform Encephalopathy Risk Status of Members
No. 16	Recognition of the African Horse Sickness Status of Members
No. 17	Recognition of the Peste des Petits Ruminants Status of Members
No. 18	Recognition of the Classical Swine Fever Status of Members
No. 19	Endorsement of Official Control Programmes for dog-mediated rabies of Members



# Tentative dates for AHG meetings for Members' status evaluations and deadline for submissions to OIE: 2022–23



\* submission deadlines



## Liaison with other Specialist Commissions



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# Terrestrial Animal Health Code Commission

One meeting of SCAD and TAHSC bureaus

- The bureaus discussed topics of common interest in February 2022:
  - *Terrestrial Code* chapters
    - 11.4 and 1.8 (BSE)
    - 8.16 (rinderpest)
    - 8.8 (foot and mouth disease)
  - Update on (de)listing assessments
  - Case definitions
  - Emerging diseases SOP
- Joint SCAD-TAHSC Taskforce approach

- The Biological Standards Commission meets before this Commission (SCAD), which allows for sequential consideration of topics including **case definitions** and **(de)listing assessments**.
- Both Commissions were consulted on concerns raised by Members about the DIVA PCR methods used to distinguish vaccine strains from field strains of **lumpy skin disease virus**, and the challenges encountered in recent years with correctly identifying new recombinant field strains that have emerged in certain parts of the world.





# Disease control: specific issues



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# Development of case definitions

Endorsed by SCAD

- Infection with bovine pestiviruses (bovine viral diarrhoea)
- Infection with Nipah virus (Nipah virus encephalitis)
- Infection with *Coxiella burnetii* (Q fever)
- Infection with camelpox virus (camelpox)

# Listing assessments

## In progress

- Additional information to be sourced:
  - Infestation of honey bees with *Acarapis woodi*
  - Infestation of honey bees with *Tropilaelaps* spp.
- Ready for assessment by SCAD:
  - strangles (infection with *Streptococcus equi*; not currently listed)

## Finalised

- Decision: maintain listed status
  - West Nile fever
  - paratuberculosis



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## Future work programme of the Commission

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# SCAD future work programme

NOTE: in addition to standing agenda items

- Chapter 1.2 'Criteria for the inclusion of diseases, infections and infestations in the OIE list'
  - Are the current criteria relevant, appropriate, and fit for purpose?
- Chapter 1.3 'Diseases, infections and infestations listed by the OIE'
  - Review of the categorisation used, including consideration of implications for notification
- International trade of live insects: Impact on animal health
  - Discussion potential role of the OIE



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Thank you for  
your attention



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[www.oie.int](http://www.oie.int)