

Guidelines for ASF vaccines field evaluation and post-vaccination monitoring

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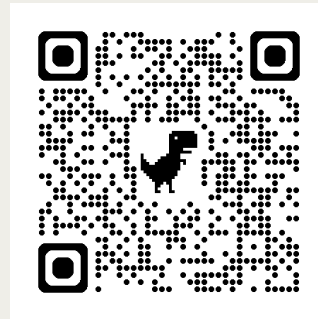
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ASF global situation 2022 – 2025 – Monitoring system (6 monthly reports)

ASF Situation report

68 countries and territories
reporting the disease
present / suspected



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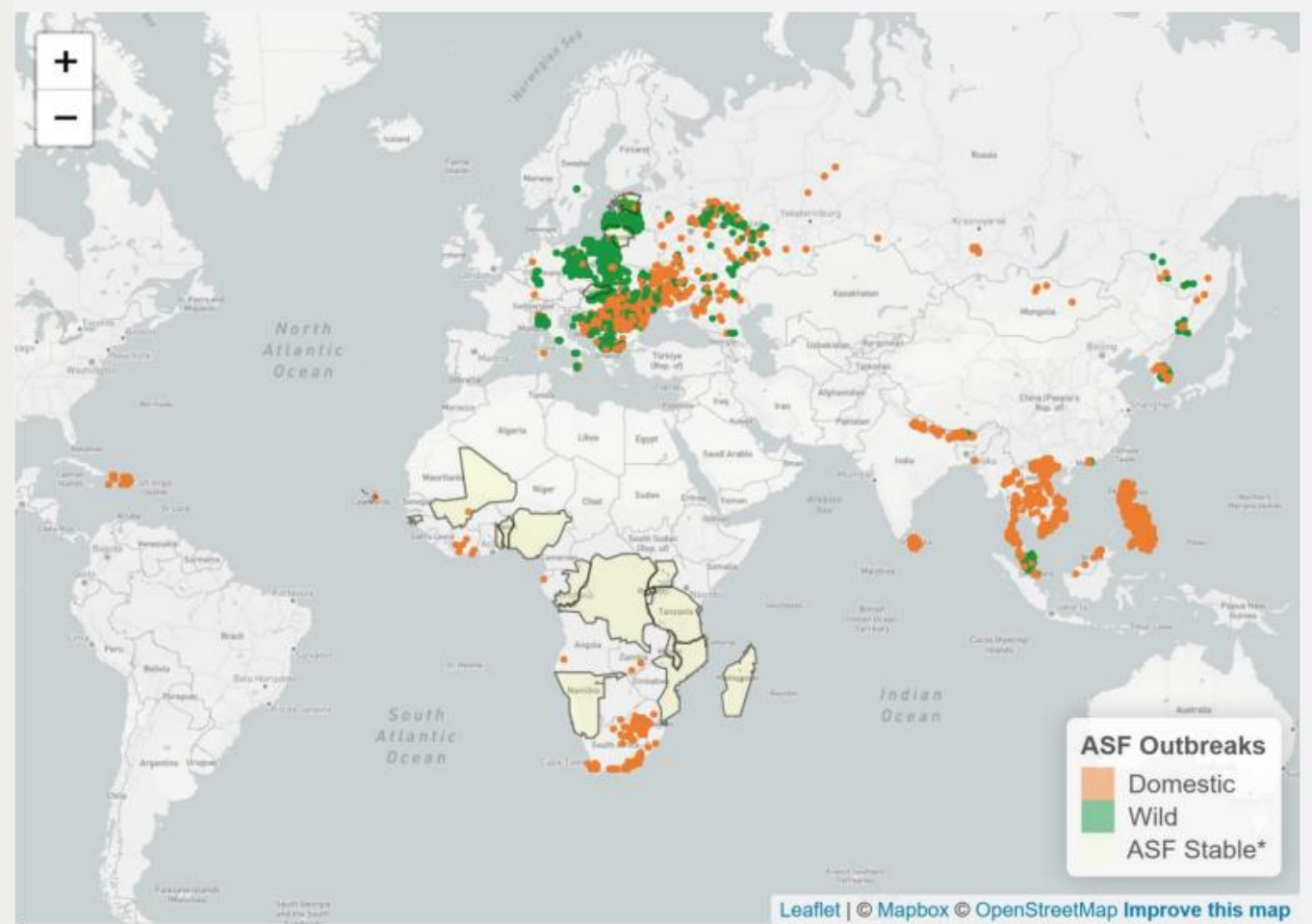


Figure 1. Map of ASF outbreaks which started between 1 January 2022 and 31 July 2025 in domestic pigs and wildlife.

*ASF declared sufficiently stable for information to be reported on six-monthly basis without geocoordinates



ASF vaccine a reality (?)

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NEWS & EVENTS > NEWS

New African swine virus strains, but

NEW SCIENCE Posted on 26 August, 2025

Plum Island Animal Disease Centre NY-US found that a promising African swine fever vaccine but offers little or no protection against other

The research, led by the U.S. Department of the International Livestock Research Institute candidate, ASFV-G-Δ117L, against several A



World

View
Africa

By Reut
July 24, 2025

Home > Human Health > Press release

The European
against African

Swine



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Statements

ASF: WOAHA stresses the importance of using high-quality vaccines that comply with newly adopted standard

Published on 24 June 2025

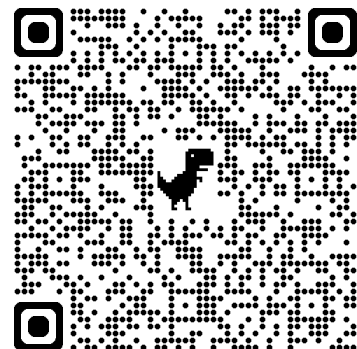


Unfunded) to
possible vaccine
safe and safe

International
Research
Consortium on
Animal Health

Case for ASF

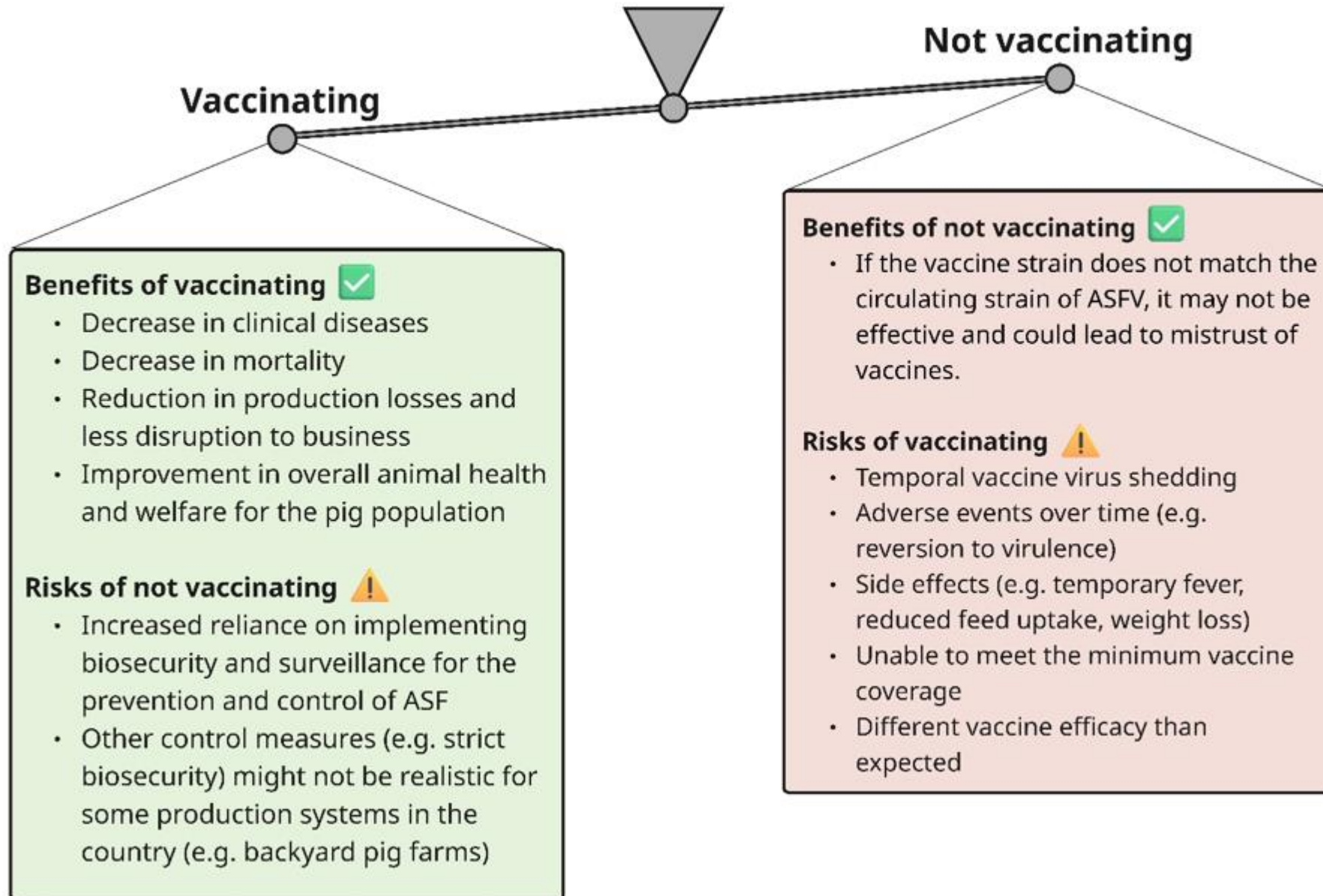
1	Safety	A
2	Delivery route	B
3	Delivery platform	C
4	Efficacy in challenge mode	D

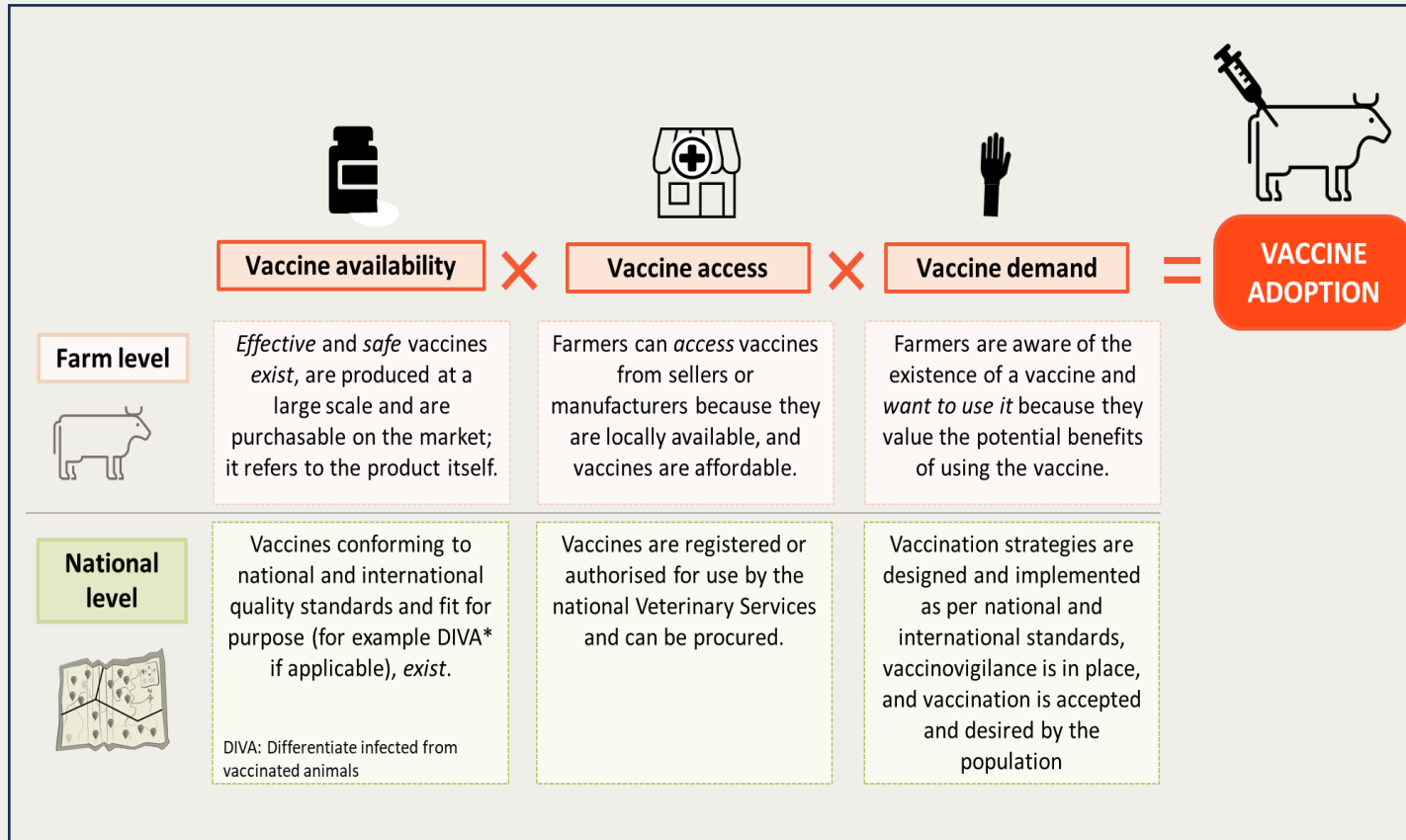




Vaccinate or not to vaccinate. That is the question

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Vaccine exists

Vaccine registered

Vaccination Decision

- Vaccination strategy (Chapter 4.18)
- Monitoring & Learning



What are the minimum requirements for a **pure, safe** and **effective** vaccine?

What **evidence** we need to **demonstrate** safety and efficacy?





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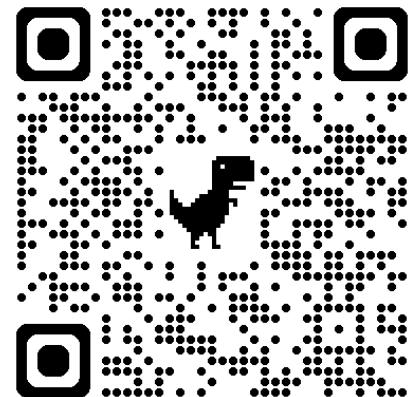
Article

African swine fever: WOA

H vaccine standard adopted



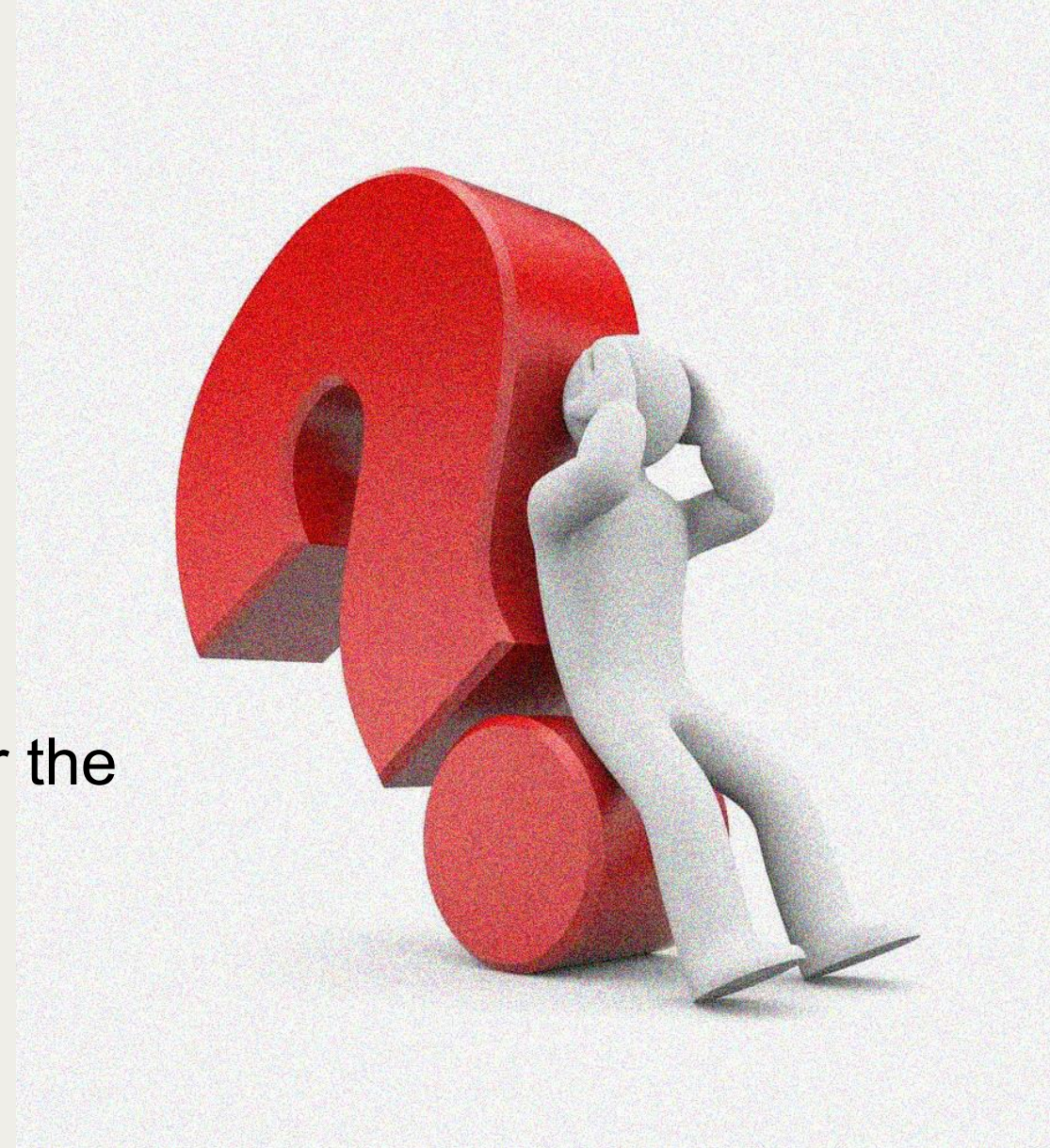
Adopted by Members at the 92nd General Session (2015)





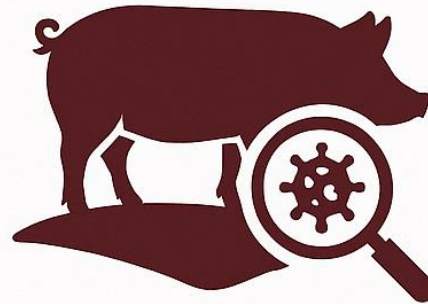
How to demonstrate vaccine meets WOAH international standards?

If we decide to vaccinate, how can we monitor the vaccine is doing its job?



WOAH GUIDELINES

for Field Evaluation and Postvaccination Monitoring of ASF Vaccines





To complement WOAHA standards

- **Vaccine field trials** to verify **purity, safety, and efficacy** claimed by vaccine manufacturers.
 - **WHAT? generate the evidence** to verify the quality parameters related to vaccine safety and efficacy as claimed by the vaccine manufacturers
 - **WHY? regulatory approval and pre-purchase decisions** before national vaccination campaign.
- **Post-vaccination monitoring** to verify **safety and effectiveness** of vaccination programme (in the field)
 - Inform ASF **risk manager** decisions





WOAH launched in January 2025 a consultancy to develop a set of **guidelines on the field evaluation of ASF vaccines and how to conduct post-vaccination monitoring**, in accordance with WOA standards.

Target audience



- **Competent Authorities** involved in the regulatory approval of veterinary vaccines
- **Veterinary Services** responsible for the implementation of ASF control strategies

Experts



- The team lead by Dr Georgina Limon-Vega (The Pirbright Institute) and Prof Dirk Pfeiffer (City U Hong Kong)
- Peer review by international experts



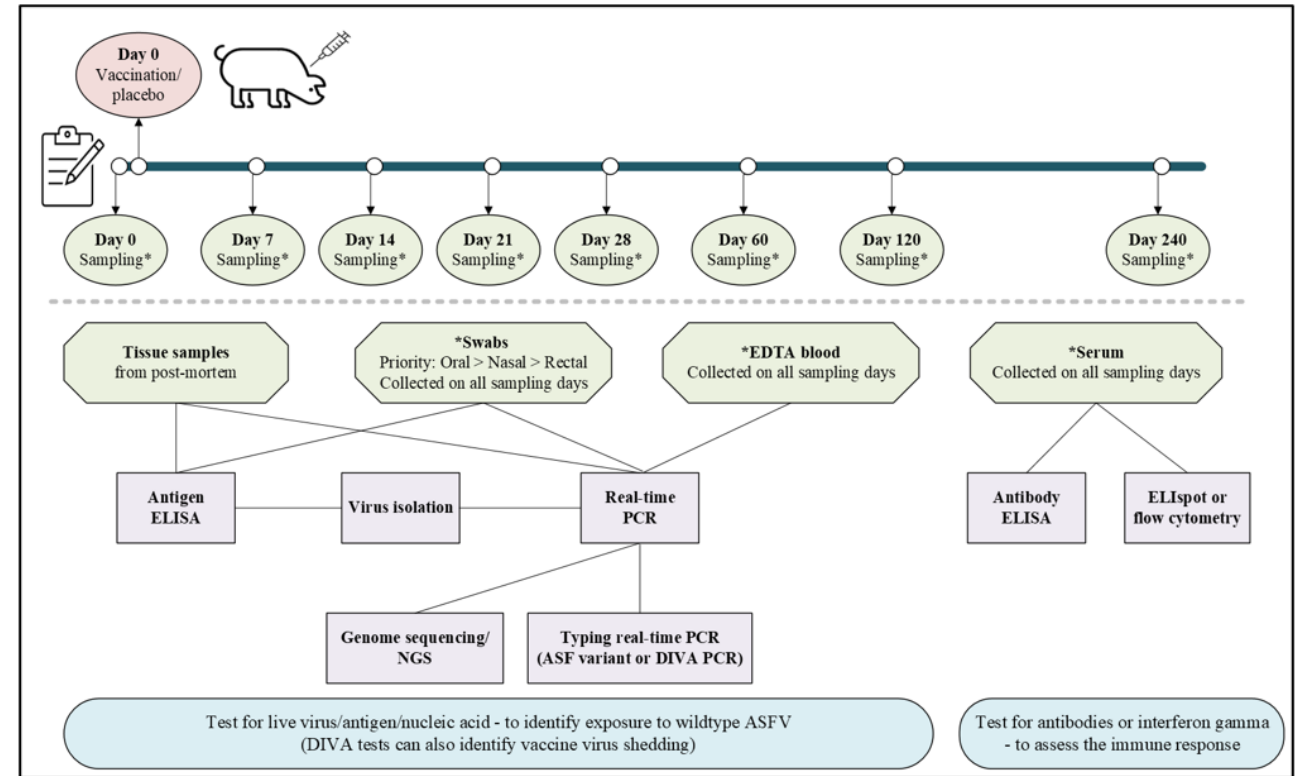
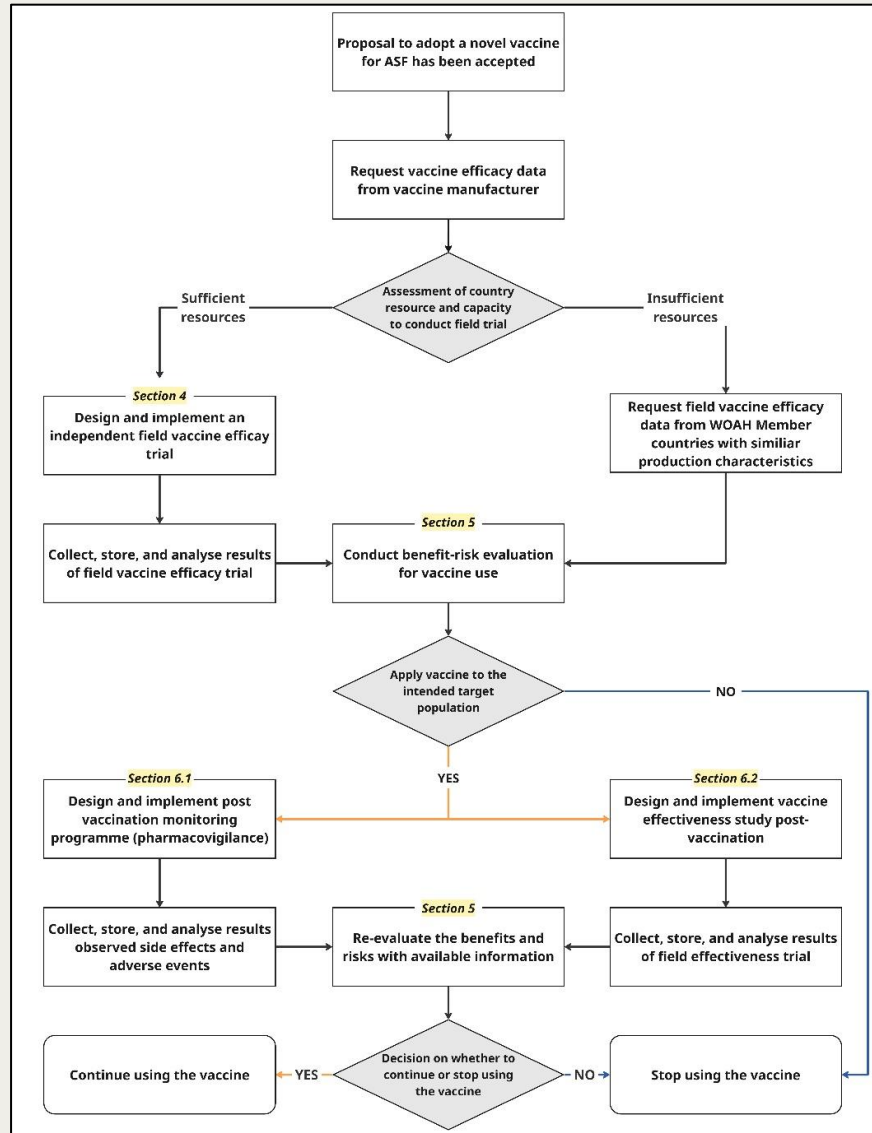
- **Practical, non-prescriptive** approach for flexibility
- Guidance to vaccination for **domestic pigs**.
- Recognise **regional diversity** in the swine production systems, the role of Competent Authorities and design and implementation of vaccination strategies.
- Include **practical examples** to support local adaptation.





How will Guidelines support you?

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How will Guidelines support you?

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Scenario 1

Country X, where ASFV is endemic

Objectives of the national ASF control programme:

- Reduce the number of ASF outbreaks
- Minimize associated production impacts

Objectives of the vaccination programme:

- Decrease ASFV transmissibility
- Reduce associated morbidity and mortality rates

Case definitions:

- A clinical sign score of 10 or above (See Table 1)
- Pig health deviation from baseline health survey

Outcome measures of the vaccination programme:

- New cases of ASF (based on case definition)
- Change in production parameters (e.g. weight)
- Variations in morbidity or mortality rates

Scenario 2

Country Y, previously ASF-free, where ASF is newly detected

Objectives of the national ASF control programme:

- Regain ASF-free disease status

Objectives of the vaccination programme:

- Decrease ASFV transmissibility
- Assist in eradicating ASFV from pig population

Case definitions:

- At least two clinical signs consistent with ASF, along with the detection of antigen or nucleic acid specific to ASFV

Outcome measures of the vaccination programme:

- New cases of ASF (based on case definition)

- Adapt to your needs
- Help you design the studies
- Promote transparency and data sharing
- Encourage regional collaboration and pilot testing
- Expert ad hoc advices

January 2025	Consultancy launched
July	<i>Ad hoc expert</i> Group meeting was convened to peer-review the first draft
September	Recommendations from the <i>ad hoc</i> Group were presented to WOAHA Specialist Commissions
October	Specialist Commission will review the second draft
December	Final draft is expected to be finalised
Q1 2026	Publication (EN) + Translation (FR/SP)





- ✓ Define your **needs**
- ✓ Use only registered vaccines that meet **WOAH standards**
- ✓ Field evaluation and vaccination monitoring are **not optional**
- ✓ Share and **reporting** your experience. (**Global learning**)
- ✓ WOAH Ref laboratories are committed to **supporting** you

ASF is a WOAH **listed disease** and need to be officially notified to WAHIS

Thank you

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