

AFRICAN SWINE FEVER ASF SITUATION AND OIE HOME

AFRICAN SWINE FEVER ASF SITUATION AND OIE HOME: UNDERSTANDING THE GLOBAL IMPACT AND RESPONSE

AFRICAN SWINE FEVER ASF SITUATION AND OIE HOME HAS BECOME A FOCAL POINT FOR VETERINARIANS, FARMERS, POLICYMAKERS, AND GLOBAL HEALTH ORGANIZATIONS ALIKE. AS AN INFECTIOUS AND OFTEN FATAL VIRAL DISEASE AFFECTING DOMESTIC AND WILD PIGS, AFRICAN SWINE FEVER (ASF) POSES A SIGNIFICANT THREAT TO THE GLOBAL PORK INDUSTRY AND FOOD SECURITY. WITH OUTBREAKS REPORTED IN DIFFERENT PARTS OF THE WORLD, TRACKING THE CURRENT ASF SITUATION AND LEVERAGING RESOURCES FROM THE OIE (WORLD ORGANISATION FOR ANIMAL HEALTH) HOME PLATFORM IS ESSENTIAL FOR EFFECTIVE MANAGEMENT, CONTROL, AND PREVENTION EFFORTS.

IN THIS ARTICLE, WE EXPLORE THE ONGOING AFRICAN SWINE FEVER ASF SITUATION, THE ROLE OF THE OIE HOME AS A CENTRAL HUB FOR INFORMATION AND GUIDANCE, AND PRACTICAL INSIGHTS INTO MANAGING THIS DEVASTATING DISEASE.

UNDERSTANDING AFRICAN SWINE FEVER AND ITS GLOBAL SITUATION

AFRICAN SWINE FEVER IS CAUSED BY A COMPLEX DNA VIRUS BELONGING TO THE ASFARVIRIDAE FAMILY. UNLIKE CLASSICAL SWINE FEVER, ASF DOES NOT AFFECT HUMANS BUT HAS DEVASTATING CONSEQUENCES FOR PIG POPULATIONS. THE DISEASE IS CHARACTERIZED BY HIGH FEVER, INTERNAL BLEEDING, AND HIGH MORTALITY RATES, OFTEN APPROACHING 100% IN DOMESTIC PIGS.

CURRENT ASF SITUATION WORLDWIDE

SINCE ITS FIRST IDENTIFICATION IN AFRICA IN THE EARLY 20TH CENTURY, ASF HAS GRADUALLY SPREAD BEYOND ITS ORIGINAL BORDERS. THE RECENT DECADES HAVE SEEN ALARMING EXPANSION INTO EUROPE, ASIA, AND PARTS OF THE AMERICAS. COUNTRIES LIKE CHINA, VIETNAM, RUSSIA, AND SEVERAL EASTERN EUROPEAN NATIONS HAVE REPORTED SIGNIFICANT OUTBREAKS, LEADING TO MASSIVE CULLING OF PIGS AND ECONOMIC LOSSES.

THE ONGOING ASF SITUATION IS DYNAMIC, WITH NEW OUTBREAKS AND CONTAINMENT EFFORTS CONTINUALLY EVOLVING. FACTORS CONTRIBUTING TO THE SPREAD INCLUDE THE MOVEMENT OF INFECTED PIGS, CONTAMINATED PORK PRODUCTS, WILD BOAR POPULATIONS, AND INADEQUATE BIOSECURITY MEASURES.

WHY TRACKING THE ASF SITUATION IS CRUCIAL

MONITORING THE ASF SITUATION GLOBALLY HELPS STAKEHOLDERS UNDERSTAND THE DISEASE'S SPREAD PATTERNS AND EMERGING HOTSPOTS. EARLY DETECTION AND RAPID RESPONSE CAN PREVENT LARGE-SCALE OUTBREAKS, SAFEGUARDING BOTH COMMERCIAL FARMING AND SUBSISTENCE PIG-KEEPING COMMUNITIES. MOREOVER, TRANSPARENT REPORTING BY COUNTRIES THROUGH PLATFORMS LIKE THE OIE HOME IMPROVES INTERNATIONAL COLLABORATION AND RESOURCE ALLOCATION.

THE OIE HOME: CENTRAL HUB FOR ASF INFORMATION AND RESPONSE

THE WORLD ORGANISATION FOR ANIMAL HEALTH, COMMONLY KNOWN BY ITS ACRONYM OIE (OFFICE INTERNATIONAL DES EPIZOOTIES), PLAYS A CRUCIAL ROLE IN COORDINATING GLOBAL EFFORTS AGAINST ANIMAL DISEASES, INCLUDING AFRICAN SWINE FEVER.

WHAT IS THE OIE HOME?

THE OIE HOME SERVES AS THE OFFICIAL ONLINE PORTAL WHERE MEMBER COUNTRIES REPORT ANIMAL HEALTH STATUS, INCLUDING ASF OUTBREAKS. IT PROVIDES COMPREHENSIVE RESOURCES SUCH AS DISEASE SITUATION REPORTS, SCIENTIFIC GUIDELINES, DIAGNOSTIC PROTOCOLS, AND RECOMMENDED CONTROL MEASURES. FOR VETERINARIANS AND ANIMAL HEALTH PROFESSIONALS, THE OIE HOME IS AN INDISPENSABLE TOOL FOR STAYING UPDATED ON THE LATEST DEVELOPMENTS AND BEST PRACTICES.

FEATURES OF THE OIE HOME RELEVANT TO ASF

- **REAL-TIME OUTBREAK REPORTING:** COUNTRIES SUBMIT OFFICIAL NOTIFICATIONS OF ASF CASES, WHICH ARE COMPILED TO PRESENT A GLOBAL OVERVIEW OF THE DISEASE SITUATION.
- **INTERACTIVE MAPS AND DATA ANALYTICS:** VISUAL REPRESENTATIONS OF ASF SPREAD HELP IDENTIFY TRENDS AND RISK AREAS.
- **GUIDELINES AND STANDARDS:** THE OIE PUBLISHES INTERNATIONALLY RECOGNIZED STANDARDS FOR ASF DIAGNOSIS, SURVEILLANCE, AND CONTROL STRATEGIES TO HARMONIZE EFFORTS.
- **CAPACITY BUILDING AND TRAINING:** ACCESS TO EDUCATIONAL MATERIALS AND WORKSHOPS AIMED AT IMPROVING NATIONAL VETERINARY SERVICES AND FARMER AWARENESS.

MANAGING AFRICAN SWINE FEVER: INSIGHTS AND BEST PRACTICES

WHILE THERE IS CURRENTLY NO EFFECTIVE VACCINE AGAINST ASF, MANAGING THE DISEASE RELIES HEAVILY ON PREVENTION, EARLY DETECTION, AND CONTAINMENT. THE OIE HOME PROVIDES VALUABLE GUIDANCE TO SUPPORT THESE STRATEGIES.

IMPROVING BIOSECURITY MEASURES

ONE OF THE MOST EFFECTIVE WAYS TO PREVENT ASF INTRODUCTION AND SPREAD IS STRINGENT BIOSECURITY. THIS INCLUDES CONTROLLING FARM ACCESS, DISINFECTING VEHICLES AND EQUIPMENT, AND ENSURING FEED AND WATER SOURCES ARE SAFE. FARMERS SHOULD BE EDUCATED ON THE RISKS OF FEEDING SWILL OR KITCHEN SCRAPS THAT MIGHT CONTAIN CONTAMINATED PORK PRODUCTS.

SURVEILLANCE AND EARLY DETECTION

ACTIVE SURVEILLANCE PROGRAMS ENABLE RAPID IDENTIFICATION OF ASF CASES. REGULAR MONITORING OF DOMESTIC PIG HERDS AND WILD BOAR POPULATIONS, COMBINED WITH LABORATORY TESTING, HELPS DETECT OUTBREAKS BEFORE THEY ESCALATE. THE OIE HOME OFFERS DIAGNOSTIC PROTOCOLS THAT LABORATORIES WORLDWIDE CAN ADOPT TO ACCURATELY CONFIRM ASF PRESENCE.

CONTROL AND ERADICATION STRATEGIES

WHEN AN OUTBREAK OCCURS, SWIFT ACTION IS REQUIRED TO CONTAIN IT:

- **QUARANTINE AND MOVEMENT RESTRICTIONS:** PREVENTING PIG MOVEMENT FROM INFECTED AREAS LIMITS DISEASE SPREAD.
- **CULLING INFECTED AND EXPOSED ANIMALS:** THOUGH DIFFICULT, HUMANE DEPOPULATION OFTEN BECOMES NECESSARY TO STOP TRANSMISSION.
- **SAFE DISPOSAL OF CARCASSES AND WASTE:** PROPER BIOSECURE DISPOSAL REDUCES ENVIRONMENTAL CONTAMINATION.
- **PUBLIC AWARENESS CAMPAIGNS:** ENGAGING COMMUNITIES IN RECOGNIZING ASF SIGNS AND REPORTING SUSPICIONS PLAYS A CRITICAL ROLE.

THE ROLE OF INTERNATIONAL COLLABORATION AND THE OIE HOME IN ASF CONTROL

AFRICAN SWINE FEVER IS NOT CONFINED BY BORDERS, MAKING INTERNATIONAL COOPERATION INDISPENSABLE. THE OIE HOME ACTS AS A CORNERSTONE FOR THIS COLLABORATION BY FOSTERING TRANSPARENCY AND STANDARDIZATION IN DISEASE REPORTING AND RESPONSE.

SHARING DATA AND EXPERIENCES

MEMBER COUNTRIES USE THE OIE HOME TO SHARE OUTBREAK DATA AND SUCCESSFUL INTERVENTION STRATEGIES. THIS COLLECTIVE KNOWLEDGE HELPS COUNTRIES PREPARE BETTER AND ADAPT CONTROL MEASURES BASED ON GLOBAL EXPERIENCES.

SUPPORTING RESOURCE-LIMITED COUNTRIES

MANY REGIONS AFFECTED BY ASF LACK SUFFICIENT VETERINARY INFRASTRUCTURE. THE OIE, THROUGH ITS HOME PLATFORM, COORDINATES ASSISTANCE SUCH AS DIAGNOSTIC KITS, TRAINING PROGRAMS, AND TECHNICAL EXPERTISE TO BUILD LOCAL CAPACITIES.

ENCOURAGING POLICY HARMONIZATION

ALIGNING NATIONAL POLICIES ON PIG MOVEMENT, TRADE, AND DISEASE CONTROL IS VITAL TO REDUCING ASF SPREAD. THE OIE HOME PROVIDES FRAMEWORKS AND RECOMMENDATIONS THAT COUNTRIES CAN ADOPT TO ENSURE COHESIVE INTERNATIONAL EFFORTS.

LOOKING AHEAD: THE FUTURE OF ASF MONITORING AND CONTROL

WITH ASF CONTINUING TO CHALLENGE PIG FARMING WORLDWIDE, THE COMBINATION OF SCIENTIFIC ADVANCES, TECHNOLOGY, AND INTERNATIONAL COOPERATION HOLDS PROMISE. RESEARCH INTO VACCINE DEVELOPMENT IS ONGOING, AND IMPROVED DIAGNOSTIC TOOLS ARE MAKING EARLY DETECTION MORE FEASIBLE.

MEANWHILE, PLATFORMS LIKE THE OIE HOME WILL REMAIN ESSENTIAL FOR TIMELY COMMUNICATION AND GUIDANCE. BY STAYING INFORMED THROUGH THIS CENTRALIZED RESOURCE, STAKEHOLDERS CAN RESPOND MORE EFFECTIVELY TO THE AFRICAN SWINE FEVER ASF SITUATION AND MITIGATE ITS IMPACT ON GLOBAL FOOD SYSTEMS AND LIVELIHOODS.

NAVIGATING THE COMPLEXITIES OF AFRICAN SWINE FEVER REQUIRES VIGILANCE, COLLABORATION, AND COMMITMENT. LEVERAGING THE WEALTH OF INFORMATION AND SUPPORT AVAILABLE THROUGH THE OIE HOME EMPOWERS COMMUNITIES AND

COUNTRIES TO FACE THIS CHALLENGE HEAD-ON.

FREQUENTLY ASKED QUESTIONS

WHAT IS THE CURRENT GLOBAL SITUATION OF AFRICAN SWINE FEVER (ASF)?

AS OF 2024, AFRICAN SWINE FEVER (ASF) CONTINUES TO AFFECT PIG POPULATIONS GLOBALLY, WITH OUTBREAKS REPORTED IN PARTS OF ASIA, EUROPE, AND AFRICA. EFFORTS TO CONTROL THE SPREAD INCLUDE STRICT BIOSECURITY MEASURES, CULLING INFECTED ANIMALS, AND SURVEILLANCE. THE SITUATION REMAINS SERIOUS DUE TO THE VIRUS'S HIGH CONTAGIOUSNESS AND LACK OF A VACCINE.

HOW DOES THE OIE SUPPORT COUNTRIES IN MANAGING AFRICAN SWINE FEVER OUTBREAKS?

THE WORLD ORGANISATION FOR ANIMAL HEALTH (OIE) SUPPORTS COUNTRIES BY PROVIDING GUIDELINES FOR DISEASE SURVEILLANCE, REPORTING, AND CONTROL MEASURES. THE OIE ALSO OFFERS TECHNICAL SUPPORT, CAPACITY BUILDING, AND FACILITATES INFORMATION SHARING AMONG MEMBER COUNTRIES TO HELP MANAGE AND CONTAIN ASF OUTBREAKS EFFECTIVELY.

WHERE CAN I FIND OFFICIAL UPDATES AND INFORMATION ABOUT AFRICAN SWINE FEVER FROM THE OIE?

OFFICIAL UPDATES AND DETAILED INFORMATION ABOUT AFRICAN SWINE FEVER CAN BE FOUND ON THE OIE'S OFFICIAL WEBSITE UNDER THE ANIMAL HEALTH INFORMATION SECTION. THE OIE REGULARLY PUBLISHES DISEASE SITUATION REPORTS, OUTBREAK NOTIFICATIONS, AND TECHNICAL RESOURCES RELATED TO ASF.

WHAT ARE THE MAIN CHALLENGES IN CONTROLLING AFRICAN SWINE FEVER GLOBALLY?

KEY CHALLENGES IN CONTROLLING ASF INCLUDE THE ABSENCE OF A VACCINE, THE VIRUS'S ABILITY TO SURVIVE IN THE ENVIRONMENT AND PORK PRODUCTS, ILLEGAL MOVEMENT OF PIGS AND PIG PRODUCTS, LIMITED BIOSECURITY IN SMALLHOLDER FARMS, AND DIFFICULTIES IN EARLY DETECTION AND RAPID RESPONSE TO OUTBREAKS.

HOW CAN FARMERS AND STAKEHOLDERS USE OIE RESOURCES TO PREVENT AFRICAN SWINE FEVER SPREAD?

FARMERS AND STAKEHOLDERS CAN UTILIZE OIE RESOURCES BY FOLLOWING RECOMMENDED BIOSECURITY PROTOCOLS, REPORTING SUSPECTED CASES PROMPTLY, ACCESSING TRAINING MATERIALS, AND STAYING INFORMED THROUGH THE OIE'S DISEASE NOTIFICATION SYSTEM. IMPLEMENTING THESE MEASURES HELPS REDUCE THE RISK OF ASF INTRODUCTION AND SPREAD IN PIG POPULATIONS.

ADDITIONAL RESOURCES

[AFRICAN SWINE FEVER \(ASF\) SITUATION AND OIE HOME: NAVIGATING A GLOBAL ANIMAL HEALTH CHALLENGE](#)

AFRICAN SWINE FEVER ASF SITUATION AND OIE HOME REMAINS A CRITICAL FOCAL POINT FOR VETERINARY AUTHORITIES, LIVESTOCK INDUSTRIES, AND POLICYMAKERS WORLDWIDE. AFRICAN SWINE FEVER, A HIGHLY CONTAGIOUS VIRAL DISEASE AFFECTING DOMESTIC PIGS AND WILD BOARS, POSES SIGNIFICANT THREATS TO GLOBAL PORK PRODUCTION AND FOOD SECURITY. THE WORLD ORGANISATION FOR ANIMAL HEALTH (OIE) PLAYS A PIVOTAL ROLE IN MONITORING, REPORTING, AND GUIDING RESPONSES TO ASF OUTBREAKS, OFFERING AN INDISPENSABLE PLATFORM THROUGH ITS OIE HOME PORTAL FOR COORDINATION AND KNOWLEDGE DISSEMINATION.

UNDERSTANDING THE AFRICAN SWINE FEVER (ASF) LANDSCAPE

AFRICAN SWINE FEVER IS CAUSED BY THE ASF VIRUS, A LARGE DNA VIRUS FROM THE ASFARVIRIDAE FAMILY. FIRST IDENTIFIED IN AFRICA, IT HAS SINCE EXPANDED ITS REACH ACROSS CONTINENTS, SEVERELY IMPACTING PIG POPULATIONS IN PARTS OF ASIA, EUROPE, AND BEYOND. UNLIKE CLASSICAL SWINE FEVER, ASF HAS NO VACCINE OR EFFECTIVE TREATMENT, MAKING CONTAINMENT AND PREVENTION STRATEGIES ESSENTIAL.

THE ASF SITUATION IS COMPLEX, CHARACTERIZED BY PERSISTENT OUTBREAKS IN ENDEMIC REGIONS AND UNPREDICTABLE INCURSIONS IN ASF-FREE AREAS. THE VIRUS'S RESILIENCE IN THE ENVIRONMENT AND ABILITY TO SPREAD THROUGH DIRECT CONTACT WITH INFECTED ANIMALS, CONTAMINATED FEED, FOMITES, AND EVEN CERTAIN TICK SPECIES COMPLICATE CONTROL EFFORTS.

THE ROLE OF THE OIE IN ASF SURVEILLANCE AND CONTROL

THE OIE HOME SERVES AS A CENTRALIZED HUB FOR ASF DATA COLLECTION, OUTBREAK REPORTING, AND GUIDANCE ON BEST PRACTICES FOR DISEASE MANAGEMENT. AS THE GLOBAL AUTHORITY ON ANIMAL HEALTH STANDARDS, THE OIE ISSUES TIMELY UPDATES ON ASF STATUS WORLDWIDE, ENABLING GOVERNMENTS AND STAKEHOLDERS TO MAKE INFORMED DECISIONS.

KEY FUNCTIONS OF THE OIE INCLUDE:

- **STANDARDIZING REPORTING:** COUNTRIES REPORT ASF OUTBREAKS THROUGH THE OIE'S WORLD ANIMAL HEALTH INFORMATION SYSTEM (WAHIS), ENSURING TRANSPARENCY AND TIMELY DISSEMINATION.
- **DEVELOPING GUIDELINES:** THE OIE PUBLISHES TECHNICAL STANDARDS AND RECOMMENDATIONS FOR ASF DIAGNOSIS, BIOSECURITY, AND CONTROL MEASURES.
- **FACILITATING COOPERATION:** BY FOSTERING COLLABORATION AMONG MEMBER COUNTRIES, THE OIE PROMOTES HARMONIZED RESPONSES TO ASF THREATS.

CURRENT ASF SITUATION: GLOBAL OVERVIEW AND TRENDS

SINCE THE FIRST ASF OUTBREAK OUTSIDE AFRICA IN THE 1950S, THE DISEASE HAS UNDERGONE SEVERAL WAVES OF EXPANSION. THE MOST NOTABLE RECENT RESURGENCE BEGAN IN 2007 WHEN THE VIRUS SPREAD TO GEORGIA, SUBSEQUENTLY REACHING EASTERN EUROPE, RUSSIA, AND ASIA. THE 2018 INCURSION INTO CHINA, THE WORLD'S LARGEST PORK PRODUCER AND CONSUMER, MARKED A TURNING POINT, TRIGGERING WIDESPREAD LOSSES AND MARKET DISRUPTIONS.

IMPACT ON ASIA AND EUROPE

IN ASIA, ASF OUTBREAKS HAVE DEVASTATED PIG POPULATIONS, WITH COUNTRIES LIKE CHINA, VIETNAM, AND THE PHILIPPINES REPORTING MILLIONS OF PIG DEATHS OR CULLS. THE ECONOMIC FALLOUT INCLUDES SOARING PORK PRICES, DISRUPTED SUPPLY CHAINS, AND INCREASED IMPORTS OF ALTERNATIVE MEATS.

EUROPE HAS ENCOUNTERED SPORADIC ASF INCURSIONS PRIMARILY IN WILD BOAR POPULATIONS, NOTABLY IN COUNTRIES SUCH AS POLAND, GERMANY, AND THE BALTIC STATES. ALTHOUGH DOMESTIC PIG OUTBREAKS ARE LESS FREQUENT, CONTAINMENT REMAINS CHALLENGING DUE TO WILDLIFE RESERVOIRS AND CROSS-BORDER MOVEMENTS.

ENDEMIC ZONES AND EMERGING HOTSPOTS

AFRICA REMAINS THE ENDEMIC HEARTLAND OF ASF, WITH SEVERAL COUNTRIES EXPERIENCING RECURRING OUTBREAKS. HOWEVER, THE DISEASE'S SPREAD INTO NEW TERRITORIES, INCLUDING PARTS OF THE CARIBBEAN AND SOUTH AMERICA, HAS RAISED ALARMS ABOUT ITS POTENTIAL TO ESTABLISH NEW RESERVOIRS FAR FROM THE TRADITIONAL ENDEMIC ZONES.

CHALLENGES IN ASF MANAGEMENT AND THE IMPORTANCE OF OIE COORDINATION

THE MANAGEMENT OF AFRICAN SWINE FEVER IS FRAUGHT WITH DIFFICULTIES STEMMING FROM THE VIRUS'S CHARACTERISTICS AND SOCIO-ECONOMIC FACTORS. ASF'S PERSISTENCE IN CARCASSES AND PIG PRODUCTS SUSTAINS TRANSMISSION RISK, WHILE SMALLHOLDER AND BACKYARD PIG FARMING SYSTEMS OFTEN LACK ADEQUATE BIOSECURITY.

DIAGNOSTICS AND SURVEILLANCE LIMITATIONS

RAPID AND ACCURATE DIAGNOSIS IS CRUCIAL FOR OUTBREAK CONTAINMENT. WHILE MOLECULAR TECHNIQUES SUCH AS PCR ARE STANDARD, RESOURCE-LIMITED SETTINGS FACE CHALLENGES IN DEPLOYING THESE TESTS WIDELY. THE OIE HOME PROVIDES ACCESS TO VALIDATED DIAGNOSTIC PROTOCOLS AND SUPPORTS CAPACITY-BUILDING INITIATIVES TO ENHANCE SURVEILLANCE NETWORKS.

BIOSECURITY AND CONTROL MEASURES

EFFECTIVE ASF CONTROL HINGES ON STRINGENT BIOSECURITY—RESTRICTING PIG MOVEMENTS, CONTROLLING WILD BOAR POPULATIONS, AND ENFORCING FARM HYGIENE. THE OIE ADVOCATES FOR TAILORED MEASURES ADAPTED TO LOCAL CONTEXTS, EMPHASIZING EDUCATION AND STAKEHOLDER ENGAGEMENT.

ECONOMIC AND TRADE IMPLICATIONS

ASF OUTBREAKS TRIGGER TRADE RESTRICTIONS AND MARKET VOLATILITY. THE OIE'S TRANSPARENT REPORTING SYSTEM AIDS COUNTRIES IN NEGOTIATING TRADE TERMS BASED ON SCIENTIFIC EVIDENCE RATHER THAN ASSUMPTIONS, MINIMIZING UNWARRANTED BARRIERS AND FOSTERING RECOVERY.

TECHNOLOGICAL INNOVATIONS AND RESEARCH DEVELOPMENTS

RECENT ADVANCES IN ASF RESEARCH HAVE FOCUSED ON VACCINE DEVELOPMENT, EPIDEMIOLOGICAL MODELING, AND NOVEL DIAGNOSTIC TOOLS. ALTHOUGH NO COMMERCIAL VACCINE CURRENTLY EXISTS, EXPERIMENTAL CANDIDATES SHOW PROMISE, POTENTIALLY REVOLUTIONIZING ASF MANAGEMENT IN THE FUTURE.

THE OIE HOME REMAINS A REPOSITORY OF SCIENTIFIC PUBLICATIONS AND UPDATES ON ONGOING RESEARCH, FACILITATING KNOWLEDGE EXCHANGE AMONG EXPERTS AND POLICYMAKERS.

LEVERAGING DIGITAL TOOLS FOR ASF MONITORING

DIGITAL PLATFORMS INTEGRATED WITH GEOGRAPHIC INFORMATION SYSTEMS (GIS) ENHANCE REAL-TIME TRACKING OF ASF

OUTBREAKS. THE OIE'S WAHIS SYSTEM EXEMPLIFIES SUCH INNOVATION, ENABLING RAPID DATA SUBMISSION AND VISUALIZATION TO SUPPORT SWIFT ACTION.

HOW STAKEHOLDERS CAN UTILIZE THE OIE HOME FOR ASF MANAGEMENT

THE OIE HOME WEBSITE IS MORE THAN A DATA REPOSITORY; IT IS AN INTERACTIVE RESOURCE TAILORED TO DIVERSE STAKEHOLDERS, INCLUDING VETERINARY SERVICES, PRODUCERS, RESEARCHERS, AND INTERNATIONAL ORGANIZATIONS.

- **ACCESS TO UP-TO-DATE OUTBREAK DATA:** USERS CAN VIEW MAPS, STATISTICS, AND COUNTRY-SPECIFIC REPORTS THAT INFORM RISK ASSESSMENTS.
- **GUIDELINES AND TRAINING MATERIALS:** COMPREHENSIVE MANUALS AND E-LEARNING MODULES ASSIST IN BUILDING CAPACITY FOR ASF PREVENTION AND CONTROL.
- **NETWORKING AND COLLABORATION OPPORTUNITIES:** FORUMS AND WORKING GROUPS HOSTED OR ENDORSED BY THE OIE FOSTER DIALOGUE AND JOINT INITIATIVES.

BY CENTRALIZING ASF INFORMATION AND PROMOTING BEST PRACTICES, THE OIE HOME EMPOWERS THE GLOBAL COMMUNITY TO CONFRONT THIS PERSISTENT THREAT MORE EFFECTIVELY.

THE ONGOING AFRICAN SWINE FEVER ASF SITUATION UNDERSCORES THE NECESSITY OF INTERNATIONAL COOPERATION AND EVIDENCE-BASED POLICIES. THE OIE HOME REMAINS AN INDISPENSABLE RESOURCE IN THIS ENDEAVOR, SHAPING THE CONTOURS OF GLOBAL ANIMAL HEALTH GOVERNANCE AND SAFEGUARDING THE SUSTAINABILITY OF PIG PRODUCTION WORLDWIDE.

[African Swine Fever Asf Situation And Oie Home](#)

african swine fever asf situation and oie home: A risk assessment for the introduction of African swine fever into the Federated States of Micronesia Subharat, S., Hee Han, J., Cogger, N., 2022-08-06 This report describes a risk assessment mission in the Federated States of Micronesia, undertaken by the EpiCentre, School of Veterinary Sciences, Massey University, and the Food and Agriculture Organization of the United Nations (FAO) under FAO Technical Cooperation Programme (TCP/SAP/3801). The overall aim was to evaluate the risk of introducing the African swine fever virus (ASFV) into the Federated States of Micronesia and use the findings to propose recommendations that enable professionals, communities and key stakeholders to implement prevention and mitigation measures to reduce the impacts of African swine fever (ASF) incursion. ASF is a highly contagious viral disease of domestic and wild pigs. It has emerged from Africa, spreading to eastern Europe, China and Southeast Asia. Due to ASF outbreaks in Asia and Papua New Guinea, Pacific Islands countries now prioritise preventing the introduction of ASF. A risk assessment of ASFV introduction is necessary for deciding which preventive actions would be most effective. The assessment of risk was conducted using the OIE import risk analysis framework. The most likely pathway for introducing ASFV into the Federated States of Micronesia was importing unauthorised pork products that international arrival passengers may bring in via airport or seaport. Should infected products enter the Federated States of Micronesia, there is a distinct pathway for exposure because pigs are routinely fed food scraps (swill) from households. The likelihood of transmission of ASFV to other susceptible pigs was considered extremely high due to the lack of farm biosecurity and the presence of feral pigs. The assessment method was a systematic, qualitative import risk analysis of ASFV introduction to the Federated States of Micronesia. Results

provide information about high-risk areas for ASF introduction, exposure and spread in FSM. They also identify gaps in control and prevention measures. The following steps are being proposed to minimise the likelihood of entry and exposure and the consequence of ASFV introduction.

african swine fever asf situation and oie home: *A risk assessment for the introduction of African swine fever into Tuvalu* Subharat, S., Hee Han, J., Cogger, N., 2022-08-07 This report describes a risk assessment mission in Tuvalu undertaken by the EpiCentre, School of Veterinary Sciences, Massey University, and the Food and Agriculture Organization (FAO) under FAO Technical Cooperation Programme (TCP/SAP/3801). The overall aim was to evaluate the risk of introducing the African swine fever (ASF) into Tuvalu and use the findings to propose recommendations that enable professionals, communities and key stakeholders to implement prevention and mitigation measures to reduce the impacts of ASF incursion.

african swine fever asf situation and oie home: Guidelines for African swine fever (ASF) prevention and control in smallholder pig farming in Asia Ho, H.P.J., Bremang, A., Conan, A., Tang, H., Oh, Y., Pfeiffer, D.U., 2022-05-10 This document aims to provide guidance for government officials in: Defining surveillance objectives Establishing ASF-related case definition and reporting criteria Providing examples of potential ASF surveillance methods Identifying various crucial factors in consideration of a surveillance system Evaluating a surveillance system Since its incursion to Asia and the Pacific region, African swine fever (ASF) has shown impacts on food security and economics as the virus is expanding towards more areas and countries in the region. As the disease continues to expand into new territories, preparedness and control activities need to be constantly adjusted to adapt to situations observed in the field that may be contrary to what was expected based on international standards or experiences from other parts of the world. This surveillance guideline provides guidance for government officials in defining surveillance objectives, establishing ASF-related case definitions and reporting criteria, providing examples of potential ASF surveillance methods, identifying various crucial factors in consideration of a surveillance system, and evaluating a surveillance system.

african swine fever asf situation and oie home: **Epidemiology of the Transboundary Swine Diseases in Asia & Pacific** Satoshi Ito, Jaime Bosch, Norikazu Isoda, Lam Thanh Nguyen, Marta Martinez Aviles, 2024-02-27 With the internationalization of the movement of both human and commodities, many animal diseases that were once considered endemic in certain local region are currently being reported as transboundary infectious diseases in many parts of the world. The recent outbreaks of African swine fever (ASF) in Asia & Pacific region is a prime example: ASF spread rapidly to neighboring countries after the first outbreak was reported in China in 2018. Classical swine fever (CSF), foot-and-mouth disease (FMD) and porcine reproductive and respiratory syndrome (PRRS), which are equally devastating in terms of economic losses as ASF, remain prevalent in Asia & Pacific region and are persistently being reported from various areas.

african swine fever asf situation and oie home: **African swine fever: The medium-term effects on agricultural markets** Schmidhuber, J., Matthey, H., Tripoli, M., Kamata, A., 2022-05-02 This paper aims to gauge the complex cross-commodity and cross-country effects of the African swine fever (ASF) over the medium-term, that is, within a ten-year time horizon. While focusing on meat and feed markets, it also assesses the effects of ASF on all agricultural markets. The results are based on a number of counterfactual runs undertaken with the Aglink-Cosimo model, a global partial equilibrium framework jointly maintained by the secretariats of the Food and Agriculture Organization of the United Nations (FAO) and the Organization for Economic Cooperation and Development (OECD). The results will help decision makers to understand the extent to which ASF is likely to affect the various agricultural markets and help them prepare for the challenges and the opportunities that may arise from a further spread of the disease.

african swine fever asf situation and oie home: *Food Safety and Technology Governance* Kuei-Jung Ni, Ching-Fu Lin, 2022-08-31 Recent advances in agri-food technology have brought increasing complexity and emerging challenges to food safety regulation and governance, with many countries greatly divided in their regulatory approaches. As more advanced CRISPR-based

gene-editing technologies and novel foods such as cloned animal products, non-traditional plants, nanofood, and plant-based meat are rapidly being developed, debates arise as to whether the existing models of governance require revision to ensure consumer safety. Of equal importance is the extensive use of pesticides, additives, and animal drugs, which raise concerns over the methods and approaches of government approval and phasing out of potentially risk-causing chemicals. Heightened public criticism of food safety and technology poses a significant challenge to governments around the world, which struggle to strike a proper balance between technocracy- and democracy-oriented risk governance models. Drawing on expertise from the United States, European Union, Japan, China, Korea, Association of South East Asian Nations, Malaysia, and Taiwan, this book explores existing and emerging issues of food law and policy in the context of technology governance to offer an overarching framework for the interaction between food regulation and technology. It will be essential reading for academics, students, and practitioners with an interest in food law and policy, agricultural law and policy, and food safety and nutrition studies.

african swine fever asf situation and oie home: Feminist Animal and Multispecies Studies: Critical Perspectives on Food and Eating , 2023-12-04 This book develops critical feminist animal and multispecies studies across various societal and environmental contexts. The chapters discuss timely questions broadly related to food and eating, stemming from connections drawn between critical animal studies, feminist theory, and multispecies studies. The themes explored include trans-inclusive ecofeminism, decolonial perspectives to veganism, links between the critique of ableism and animal exploitation, alternatives to dominant Western masculinities invested in meat consumption, and the politics of sex and purity in factory farming. The book explores responses to interlinked forms of exploitation by focusing on sites such as sanctuaries, educational institutions, social media, and animal advocacy.

african swine fever asf situation and oie home: African Swine Fever in Smallholder and Traditional Pig Farming Systems: Research, Challenges and Solutions Mary-Louise Penrith, Robyn Gwen Alders, Erika Chenais, Klaus Depner, Michel Dione, Ferran Jori, 2022-05-10

african swine fever asf situation and oie home: From reacting to preventing pandemics World Bank, Food and Agriculture Organization of the United Nations, 2022-06-28 Investing in One Health – cross-sectoral, multidisciplinary coordination and collaboration across the human health, animal health, and environmental health sectors – is crucial for maintaining healthy agricultural and food systems and addressing global health security risks. Such action can reduce the threat of future pandemics through upstream preventive actions, early detection, and agile responses to zoonotic and emerging infectious diseases outbreaks, coupled with measures for promoting food safety, including anti-microbial resistance. This regional review, conducted jointly by the World Bank and the Food and Agriculture Organization of the United Nations, assesses the socioeconomic impacts of zoonotic diseases and epidemics across the East Asia and Pacific region, providing a background on why emerging infectious diseases are occurring more frequently in this region. This review looks at the benefits of using a risk-based approach, assesses the management of animal and wildlife health and the ability to identify and respond to emerging threats and protect the health, agricultural production, and ecosystem services. It provides recommendations on priority activities to be undertaken, and offers governments and their development partners the evidence and analysis needed to make more and better investments in wildlife systems and animal health to improve global health security.

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populations is a continuous health threat for the sympatric domestic pig population, posing a challenge for veterinary and wildlife services that have had little success in attempting to eradicate infections among wildlife, especially in the absence of an effective vaccine. Finally, areas in which ASFV is detected in wild boar remain infected for at least one year after the last recorded case. This is a much longer period than that of domestic animals and puts a strain on the services involved, requiring a considerable amount of work and human and financial resources. The second edition of the handbook provides insights on surveillance and disease management in wild boar based on experiences with ASFV eradication in Belgium and Czechia, as well as other recent experiences in the prevention and control of the disease in wild boar in Europe.

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