



WORLD ORGANISATION FOR ANIMAL HEALTH
Protecting animals, preserving our future

Dr Brendan Cowled

Director, Ausvet Pty Ltd
Australia
Asia & the Pacific



OIE Webinar World Wildlife Day

Global wildlife health
3 March 2022

ASF in wild pigs in Asia & the Pacific

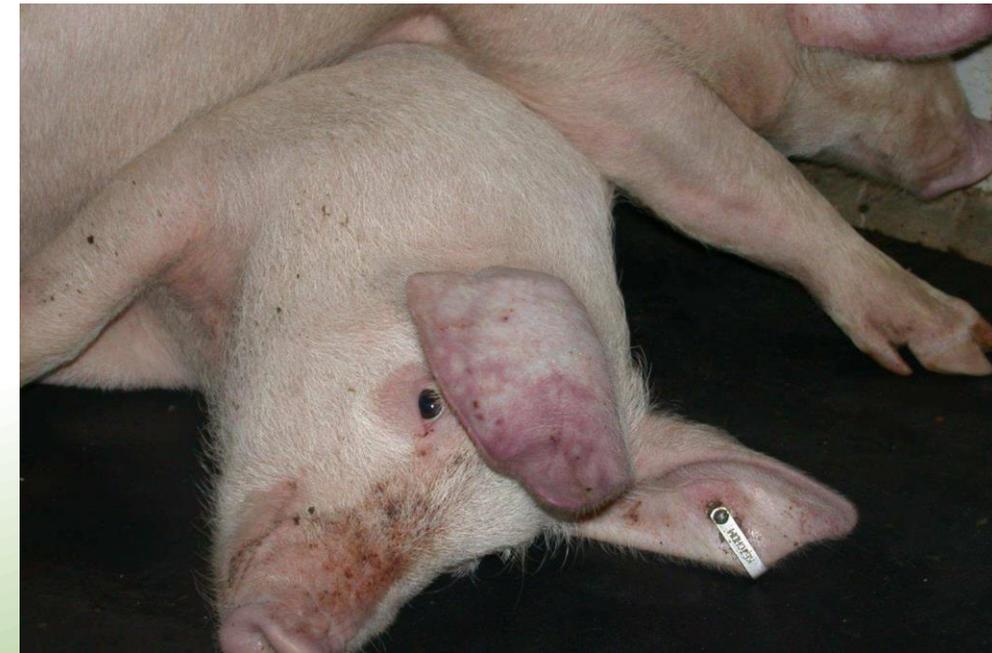
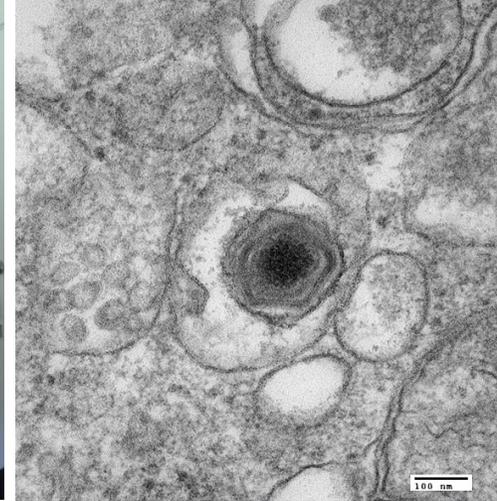
Wildlife health globe-trotting



ASF in wild pigs

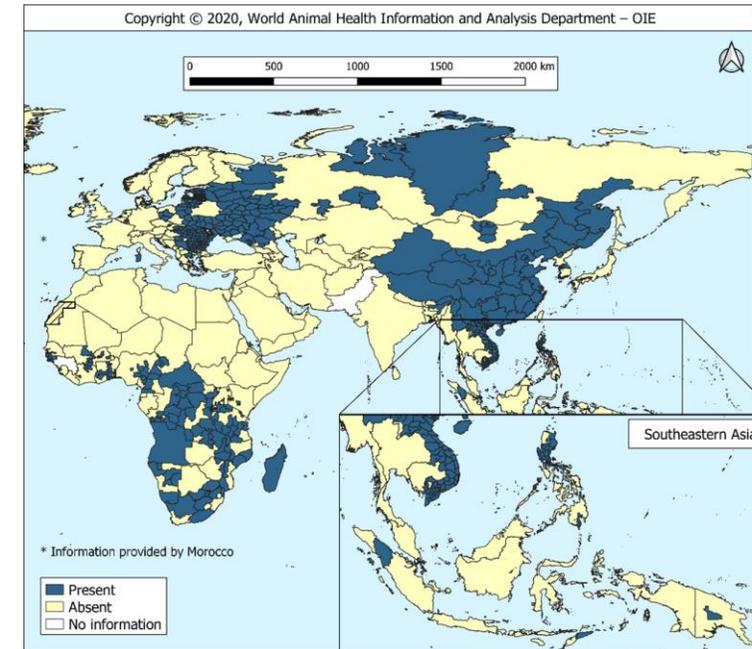
- *African Swine Fever (ASF)*
- *Global situation of ASF*
- *Significance for conservation*

**Electron Micrograph (Ben Clarke), photo Pirbright (Dixon)*



Situation in the Asia & the Pacific region

- Distribution of ASF in Asia and the Pacific
- Known to infect and kill
 - Domestic and feral pig, wild boar (*Sus scrofa*)
 - Bearded pigs (*Sus barbatus*)
 - Philippine Warty Pigs (*Sus philippensis*)



Ecosystem health & biodiversity

- Extinction
- Wider ecosystem impacts
 - Predators
 - Plants
 - People



Photo- Cowled

Reference - Luskin et al. (2020) ASF threatens SE Asia's 11 endemic wild pig species. Conservation Letters



Solutions

- Context – varies
- Prevention (border quarantine and islands)
- Detection (surveillance, information sharing and population distributions)
- Response to manage ASF transmission (*S. scrofa*)
 - Interagency cooperation
 - Biosecurity
 - Reducing wild pig density (*S. scrofa* only) through population control
 - Minimising movement of products and pigs
 - Carcass search and removal?
- Response (protecting wild pigs)
 - Protected populations
 - Preparing for vaccination (if ever)
 - Reducing ASF in domestic pigs
 - Risk analyses, quarantine and biosecurity

Photo – Cowled



Shared lessons

- Consider context – e.g. value of wild pigs, desire and ability to control





WORLD ORGANISATION FOR ANIMAL HEALTH
Protecting animals, preserving our future