



IMPROVING ACCESS TO EMERGENCY FOOT-AND-MOUTH DISEASE VACCINE THROUGH A VACCINE BANK SHARING ARRANGEMENT

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- Mass slaughter of healthy animals
 - Not socially or politically acceptable.
- True for countries
 - with intensive livestock industries
 - developing countries



Assessing the potential usefulness of an FMD Vaccination strategy

- Outbreaks in Japan (2010) and South Korea (2010-2011)
- Modelling work
- Early vaccination





In late 2014, North American FMD Vaccine bank, the Australian FMD Vaccine Bank and the New Zealand FMD Vaccine Bank agree to explore sharing arrangement

All use the same
Manufacturer and
Storage Site





Most of North American Vac's currently stored at Plum Island

North America is currently transitioning to the Manufacturer's site.





Both Australia and New Zealand have FMD Banks
Both store at the same manufacturer as the NAFMDVB will.





The FMD Vaccine Sharing Arrangement was signed at the OIE on May 23 2016





FMD Vaccine Sharing Arrangement

- Non-binding
- Procedures detailed
- Method of Replacement
- Ongoing Collaboration



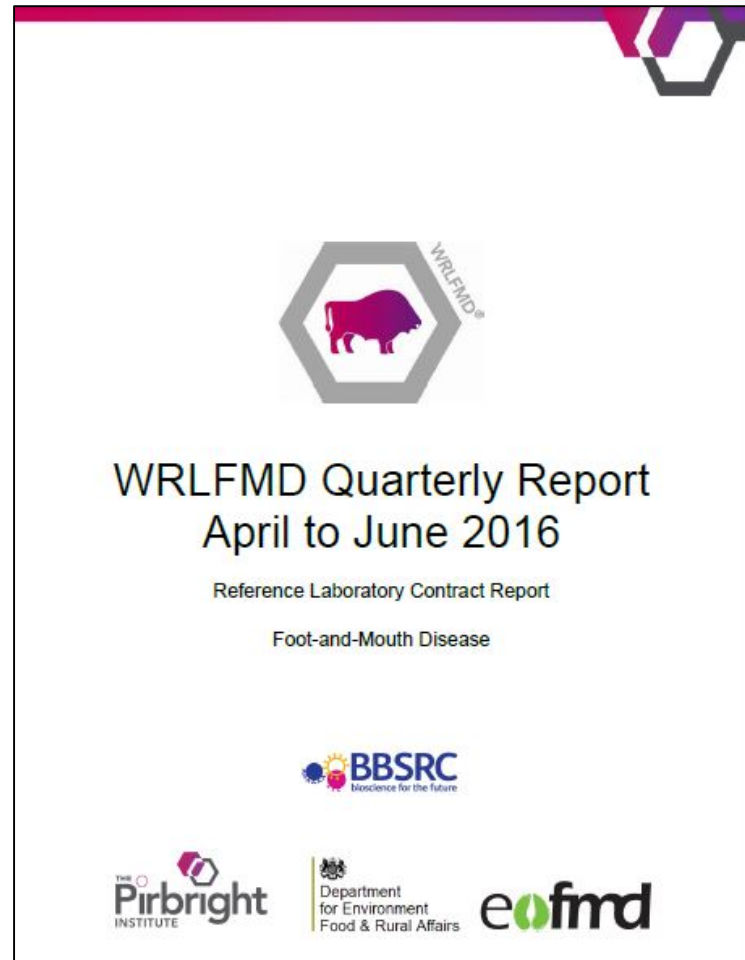


Potential for Expansion of the Sharing Arrangement





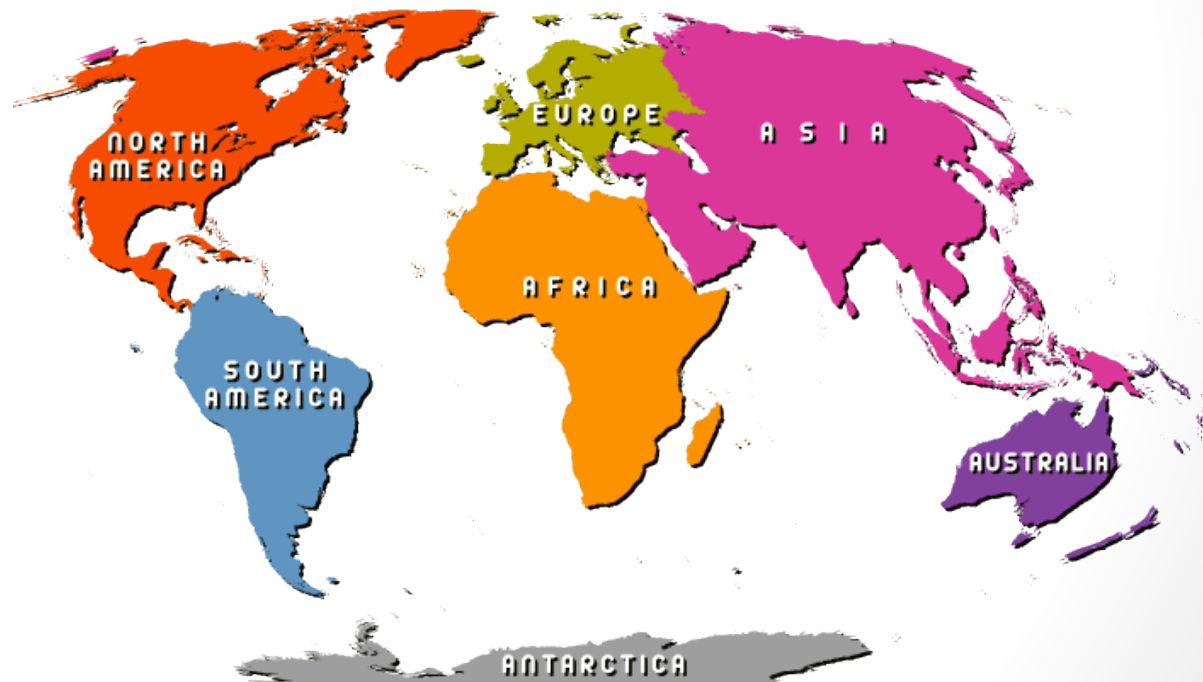
- Previous efforts failed
- Confidentiality issues
- Regional differences in holdings
- WRLFMD is basis for all





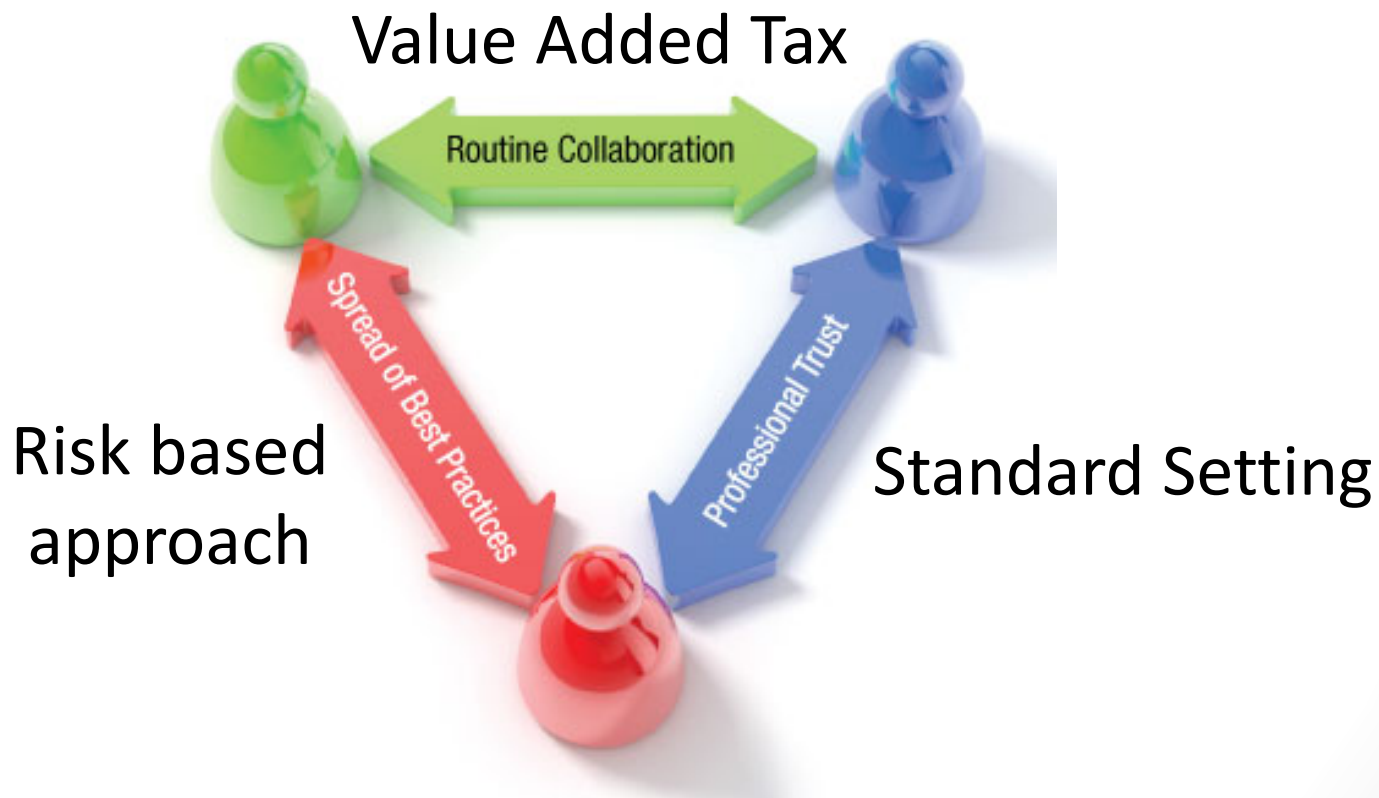
Remote chance everyone affected simultaneously

- Sharing may result in increased risk exposure?
- Mitigated by an Increased # of Banks!
- Increase banks, increased range of serotypes





Collaborative Benefits





Next Steps

- Ensure licensure
- Increase membership
- Increase vaccine doses
- Rare Antigen Bank
- Share technical Info
- Collaboration





thank you!

- Dr. Sam Hamilton, Dr. Jennifer Davis ; The Australian Government Department of Agriculture and Water Resources (DAWR)
- Dr. Maria del Rocio Reyes; Dr. Juan Carlos Marin; Dr. Igor Romero Sosa; The Mexican Secretariat of Agriculture, Livestock, Rural Development, Fisheries and Food (SAGARPA) Through the National Service of Agricultural and Food Health, Safety and Quality (SENASICA);
- Dr. Andre van Halderen ;The New Zealand Ministry for Primary Industries (MPI)
- Dr. Darrel Styles, Dr. Hernando Duque, Michael David ; The United States Department of Agriculture - Animal and Plant Health Inspection Service (USDA-APHIS).



Questions?