Compartmentalization – What does it mean?

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Overview:

- Examples Regionalization and Compartmentalization
- Definitions
- What’s next?
Hints

- Animal subpopulations

With regards to disease of interest

– How are they separated?
Regionalization

• Think geography
  – natural landscape, distance
  – Political divisions
Regionalization

• Think geography
  – natural landscape, distance
  – Political divisions (state, county level)
Compartmentalization

Management

Biosecurity

Traceability
Example: South Korea

- 2015 HPAI outbreak in the USA
  - Complete ban over poultry imports from entire USA
  - The magnitude of their response in perspective...
Over imposed map of **South Korea** along the straight line between the affected state and the closest CVI farm.
Over imposed map of South Korea along the straight line between the affected state and the closest CVI farm.

Is this fair or justified?
Compartmentalization card here? Maybe.
Compartmentalization
what does it mean?

• Fair movement of poultry breeding stock
• tailored to specific disease – AI
• epidemiological separation from other subpopulations of different health status,
• Auditable - traceability
• consistently well executed biosecurity practices tackling critical points of risk for disease introduction
• A negligible risk of spreading AI through movement of breeding stock from premises under Compartmentalization Program
• It implies a partnership between company and veterinary authority with respective responsibilities
• Secure supply of breeding stock for secure domestic animal protein production
Compartmentalization Approved in the USA... now what?

Your plan

We might be here
Compartmentalization so what is next?

- Companies to submit applications and getting certified as Compartments
- Recognition!
  - Mutual – countries with similar program UK, BR
  - Friendly and dependent of breeding stock
  - Less trade-friendly
- Demonstration that it works!
Thank You!