



Australian Government

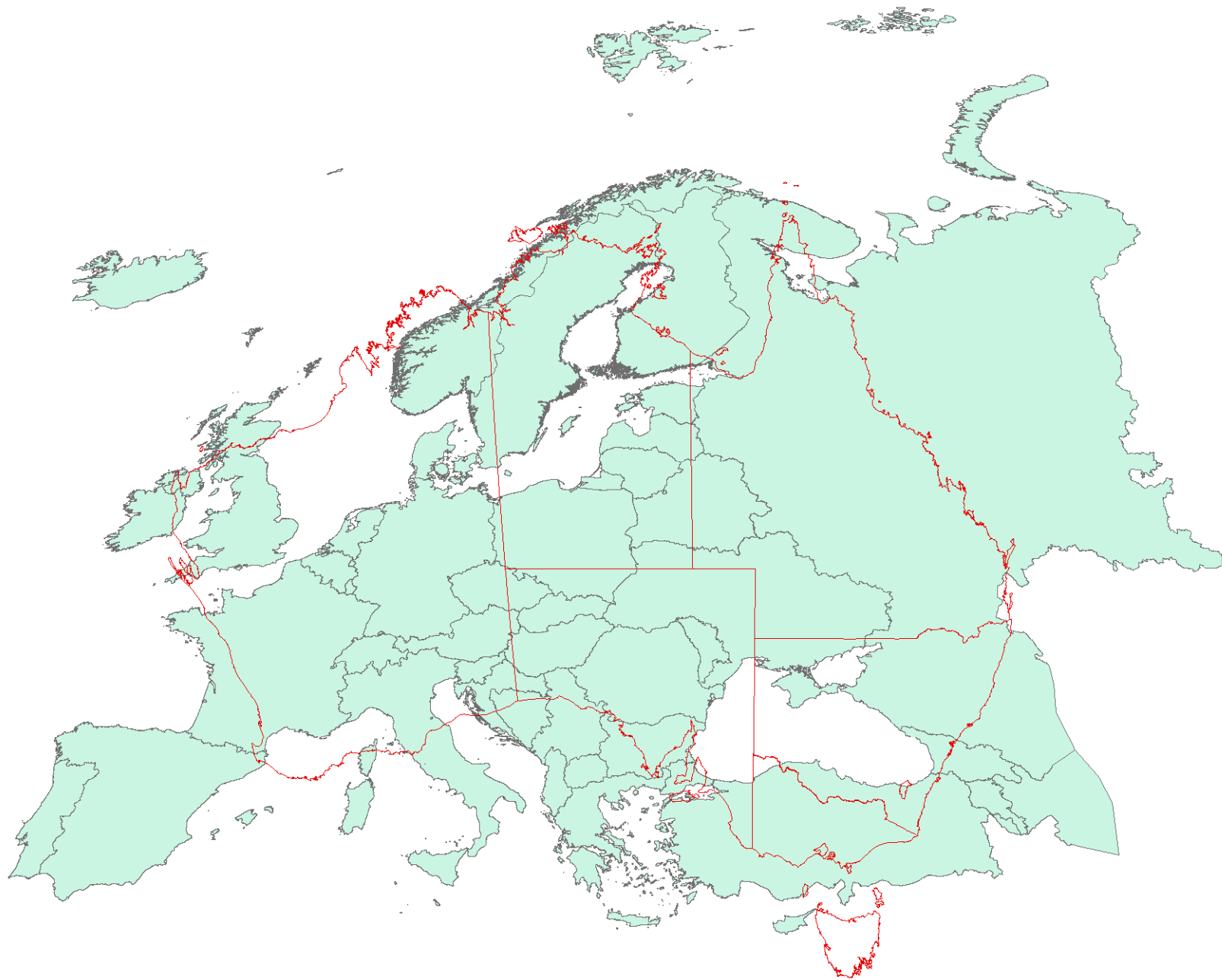
Biosecurity Australia

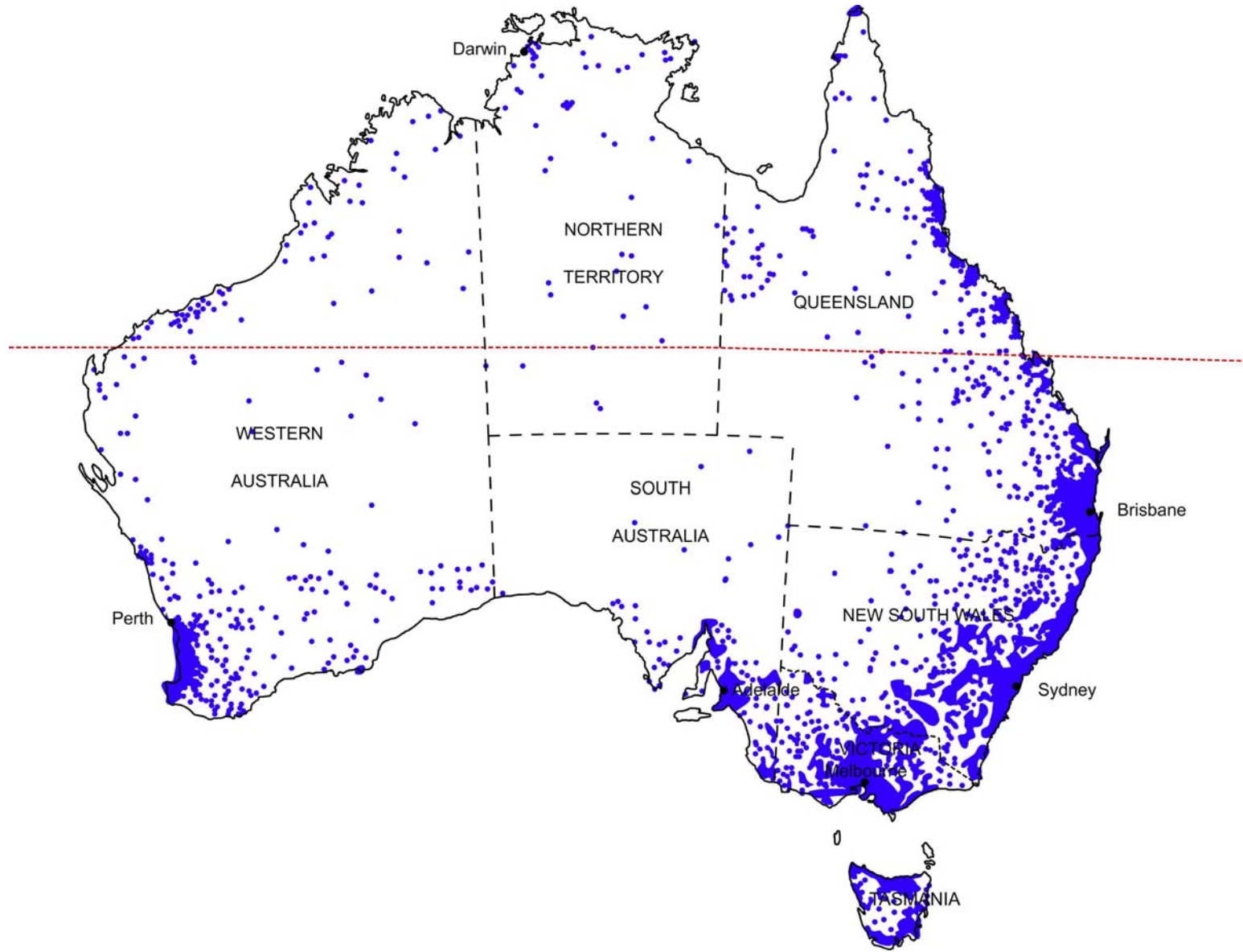
Australia's science-based risk analysis



13 November 2008







Australian Government
Biosecurity Australia



Unwanted arrivals

- Pest plants
- Foxes
- Feral camels
- Cane toads
- Feral cats
- Rabbits
- Horses and donkeys
- Water buffalo
- Feral pigs
- Insects
- Viruses, bacteria and fungi



Appropriate level of protection

- Australia has a privileged position
- Control of all borders
- Community values freedom from pests and diseases
- Zero risk not possible or practical
- Biosecurity policies need to facilitate the safe movement of animals, plants, people and cargo

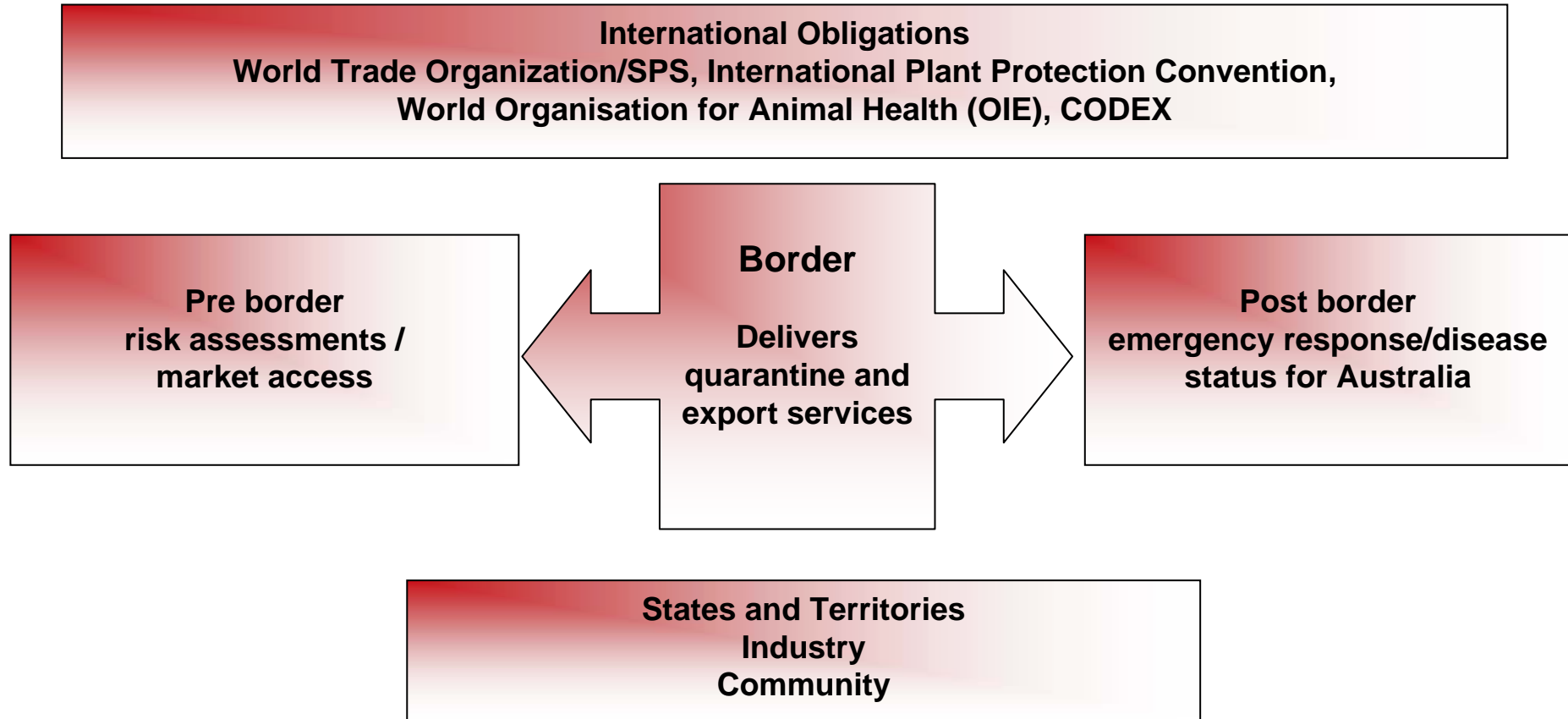


Biosecurity Challenges

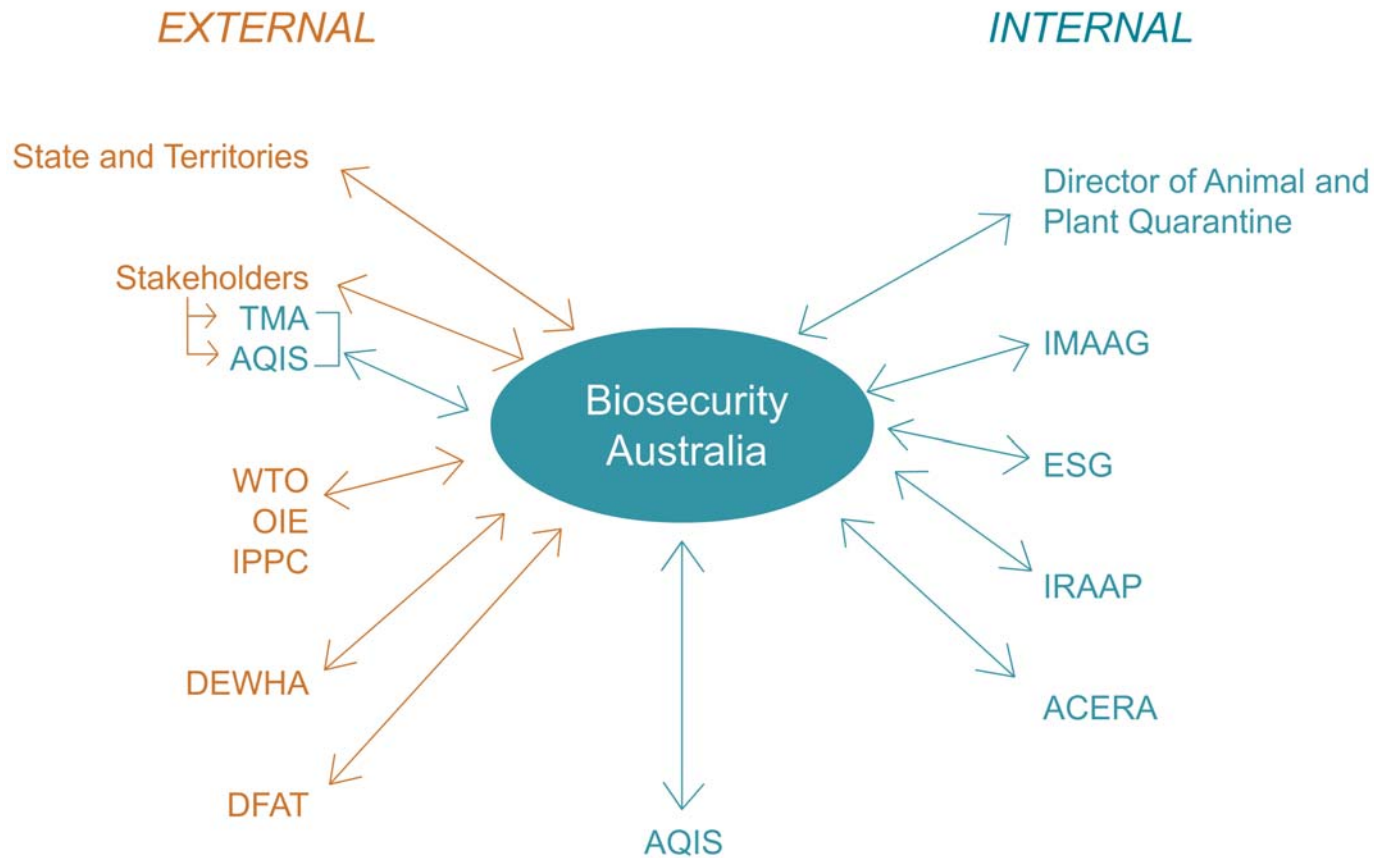
- Globalisation
- Population spread and habitat
- Peri-urban development
- Growth in tourism
- Potential agri-terrorism
- Global exchange of genetic material
- Climate change
- Physical constraints at border interception points
- Spread of current pests



Biosecurity continuum



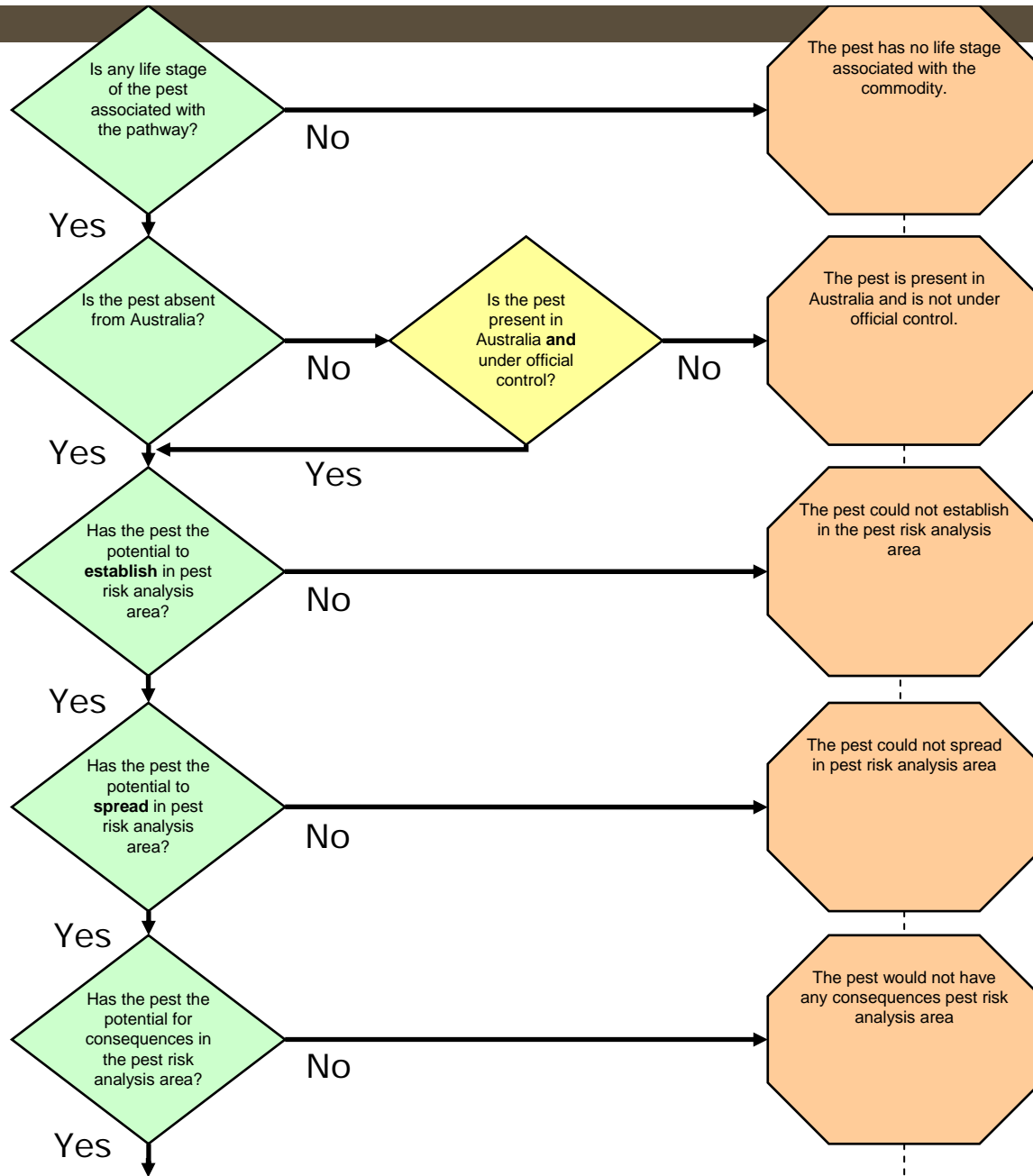
Relationships



Import risk analysis features

- Risk includes probability and impact
- Government legislation
- Process transparent and timely
- Early and regular consultation with stakeholders
- Timeframes for IRAs
 - 24 months for standard IRA
 - 30 months for expanded IRA
- Science can be independently reviewed by external scientific group
- Decisions open to appeal
- IRA handbook (www.daff.gov.au/irahandbook)





Pest risk analysis

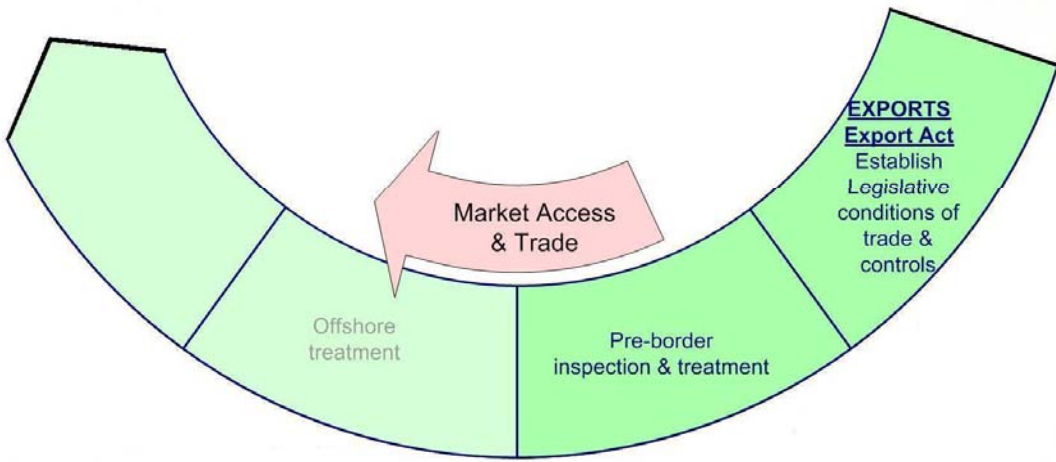
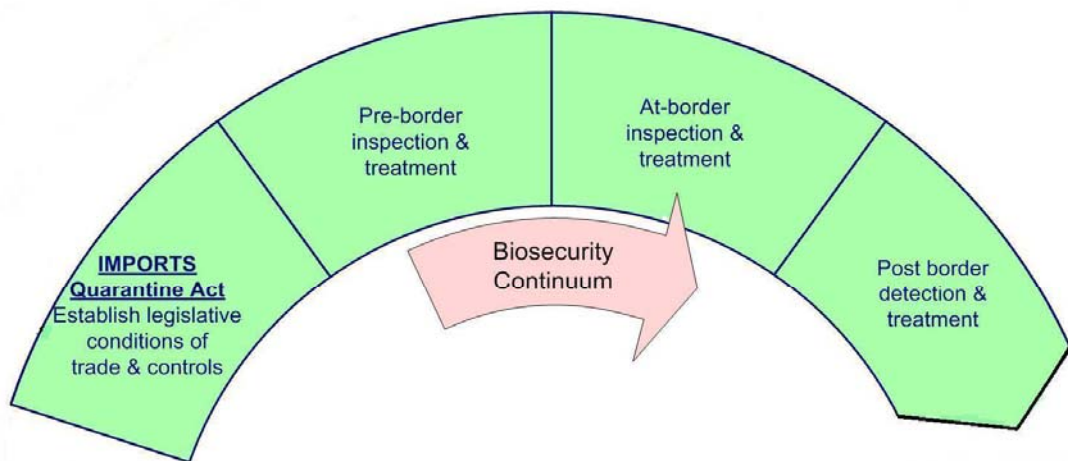
- Quarantine risk consists of two components:
 - the probability of a pest entering, establishing and spreading in Australia from imports
 - the consequences of this happening
- Risk mitigation required if the unrestricted risk is above Australia's ALOP
- Qualitative or semi-quantitative



Risk matrix

P[EES] Likelihood of pest entry, est. and spread	High	Negligible	Very low	Low	Moderate	High	Extreme
	Moderate	Negligible	Very low	Low	Moderate	High	Extreme
	Low	Negligible	Negligible	Very low	Low	Moderate	High
	Very low	Negligible	Negligible	Negligible	Very low	Low	Moderate
	Extremely low	Negligible	Negligible	Negligible	Negligible	Very low	Low
	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Very low
		Negligible	Very low	Low	Moderate	High	Extreme
Consequences (of pest entry, establishment and spread)							





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