Australian Government
Department of Agriculture and Water Resources

Building global food security through surveillance and diagnostics

CFS-43 side event
Stop those pests!

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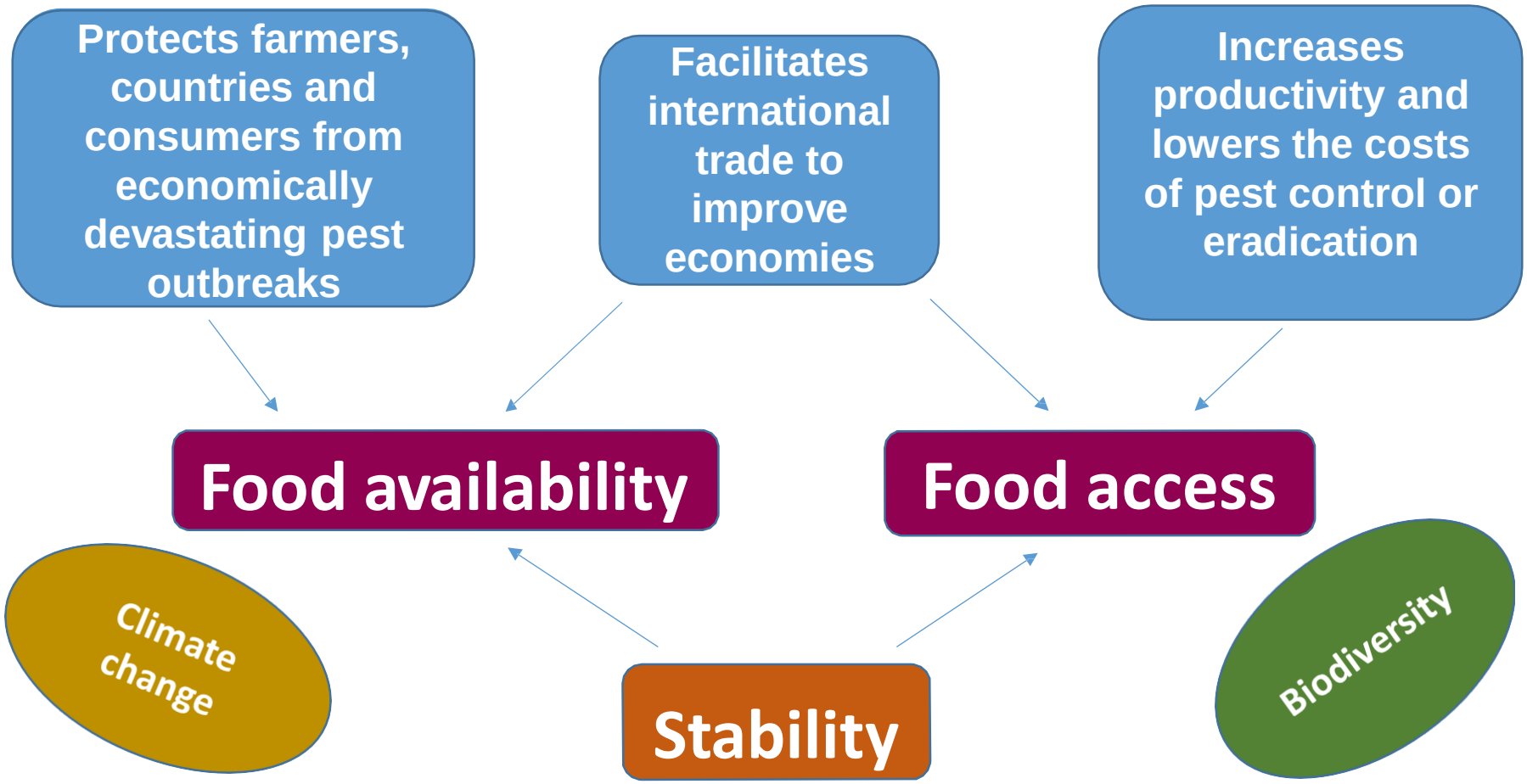
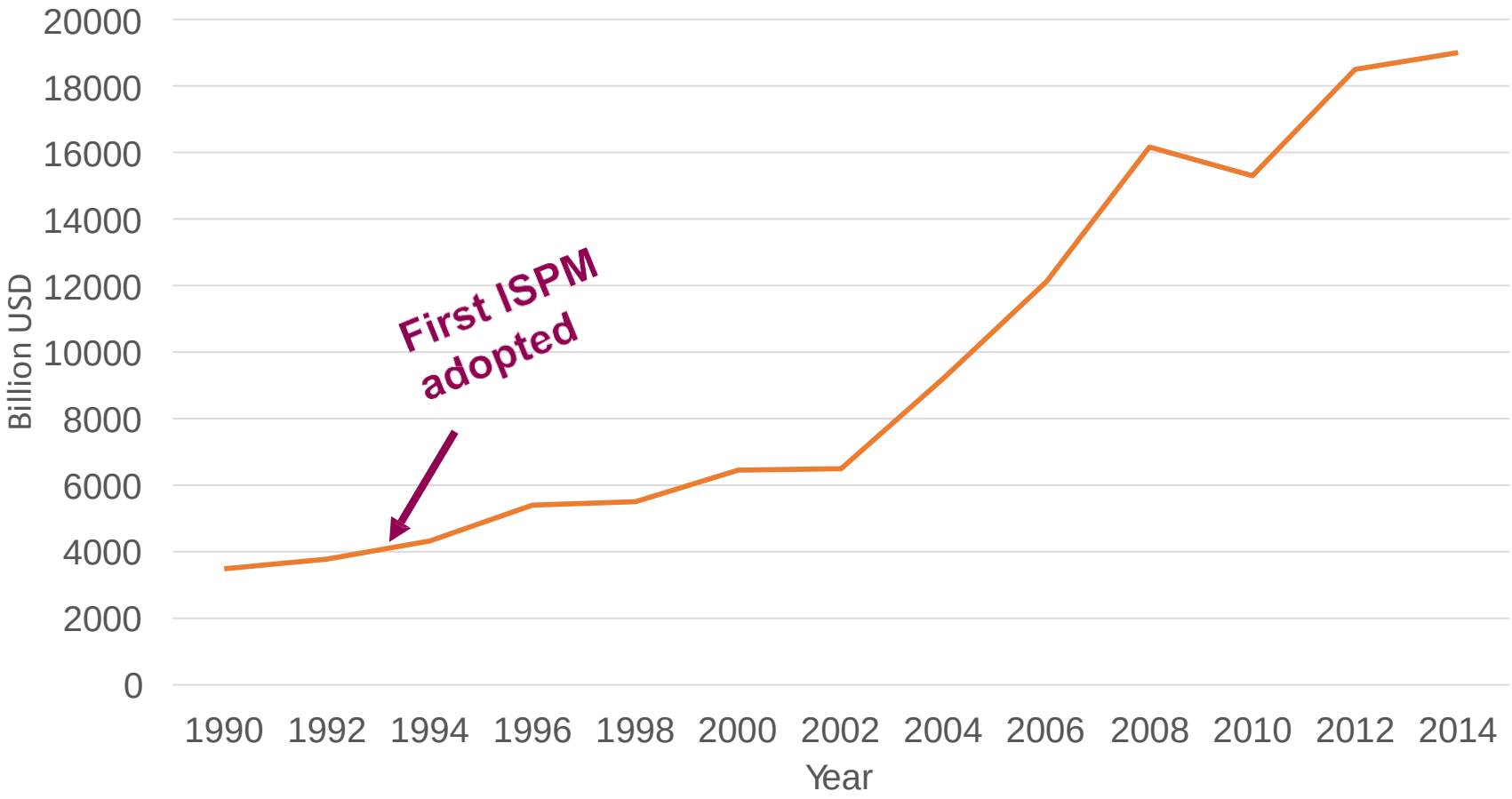
18 October 2016

IPPC contribution to food security: plant health

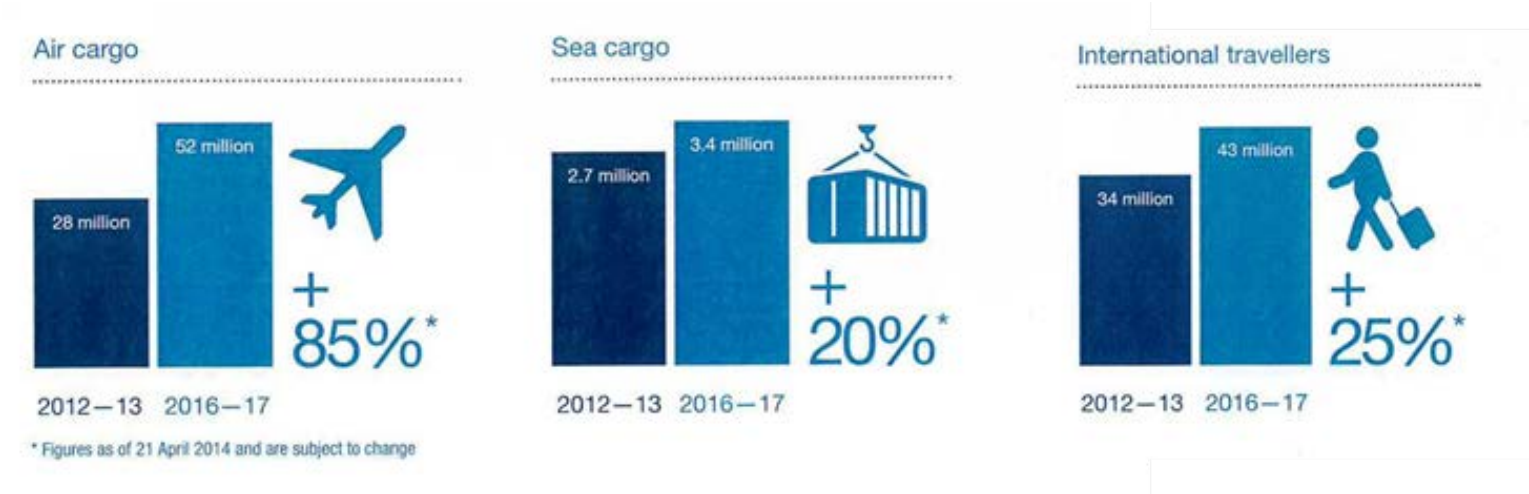


Why: increase in international trade



Australian context

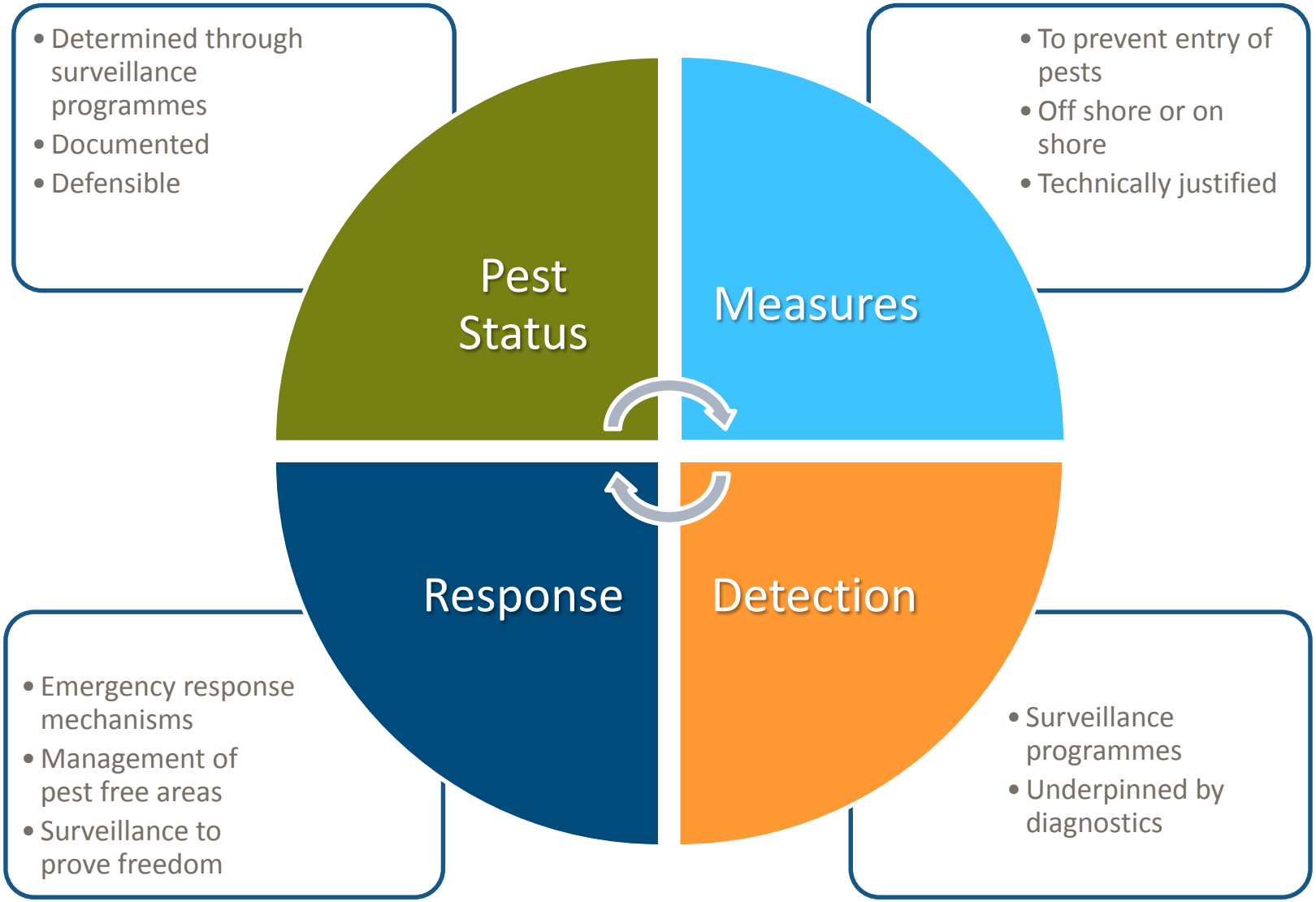
- Growing passenger and trade volumes into Australia



In the last 12 months, plants imported include:-

- 100+ million ornamental bulbs (in 1988, ~250,000 bulbs)
- 2+ million tissue culture plantlets (in 1999, < 12,000)
- 25,000+ low/medium risk ornamental plants
- 2,500 high risk cultivars & seed lines
- Volumes significantly increasing

How: surveillance underpins food security

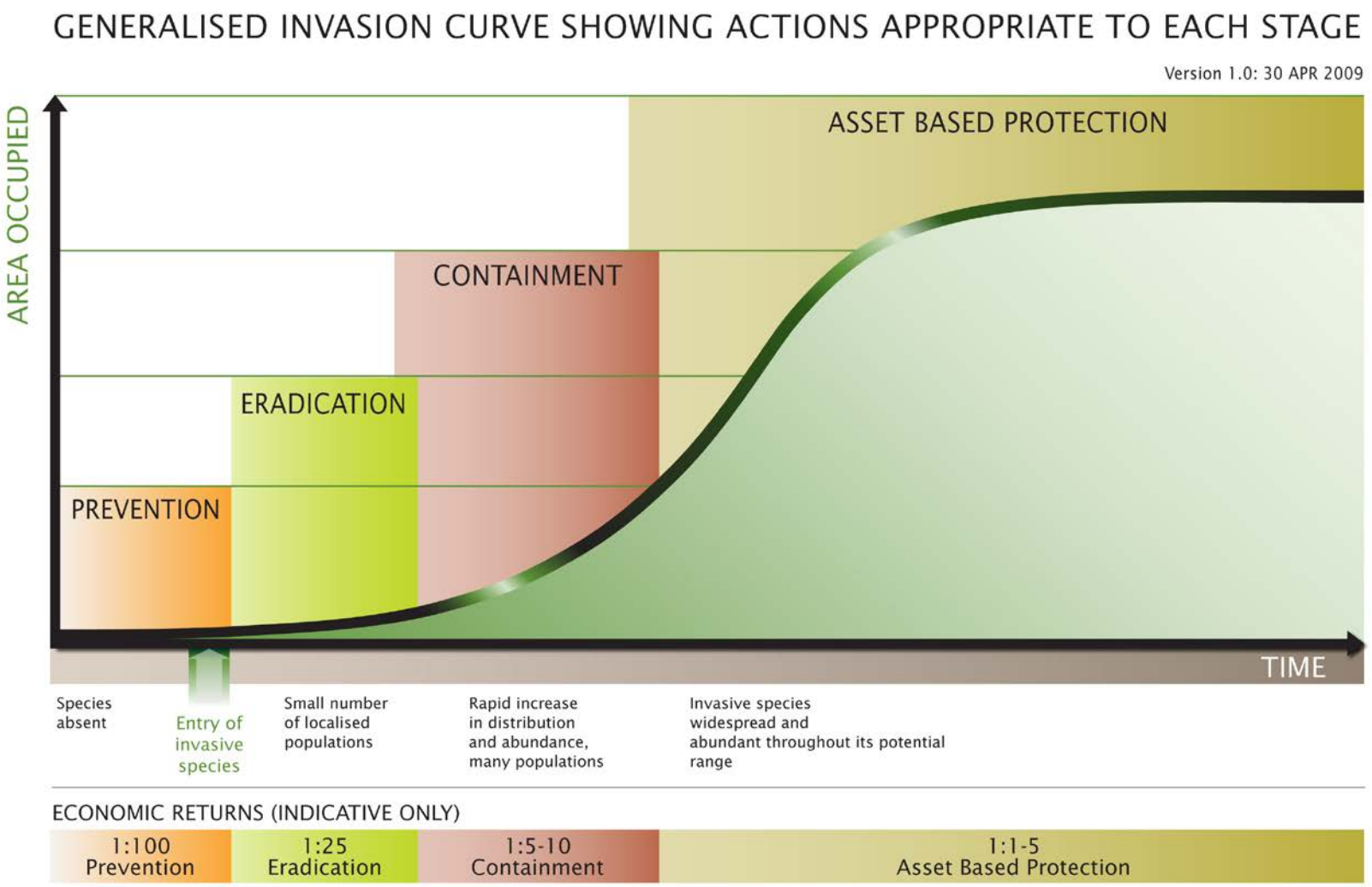


Economic impact of pests

Once pest species become established over large areas, they are often impossible to eradicate. Productivity drops and costs increase to manage the pest……

- Late blight fungus, Ireland
- Coffee leaf rust, Sri Lanka and Brazil
- Wheat stem rust, Kenya
- Banana Xanthomonas Wilt, Uganda
- Painted Apple Moth, New Zealand

Early detection and rapid response



Case study: protection of a vulnerable crop

- Banana freckle found on Cavendish bananas in 2013 in Australia
- Cavendish bananas are Australia's most widely-grown cultivar
- Benefit Cost Analysis - each $1 spent on eradication will save $23 on ongoing management

- ISPMs are informing surveillance and proof of freedom requirements and helping to maintain banana availability and access

Case study: maintaining export markets

- Australian wheat exports are valued at over $5 billion AUS
- Many countries accept Australia's pest free status for the major grain pests, Karnal bunt & Khapra beetle

- A number of industry and jurisdictional surveillance programmes are in place to inform Australia's freedom status for these pests
- Response arrangements are available to eradicate if detected
- Australian wheat supply is secure

Case study: wood packaging

- Australia was a lead country in the development of ISPM 15
- ISPM 15 has assisted with reducing the global movement of damaging forest pests

- Implementation assists with global access to food by ensuring that wood packaging doesn't hold up food consignments

IPPC contributes to food security by providing the forum for development of phytosanitary standards that lead to harmonised approaches for the movement of plant products