

BIOSECURITY
TASMANIA

FPA Symposium

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Biosecurity Tasmania
Department of Natural Resources and Environment Tasmania





In recognition of the deep history and culture of this island, I acknowledge and pay my respects to all Tasmanian Aboriginal people; the past and present custodians of the Land.



Presentation Outline

- The Importance of Biosecurity to Tasmania
- The National Biosecurity Strategy
- Tasmanian Plant Biosecurity System - Some Important Elements
- Climate Change and Biosecurity Impacts on Tasmanian Forests
- *Biosecurity Act 2019*
- Staying Connected

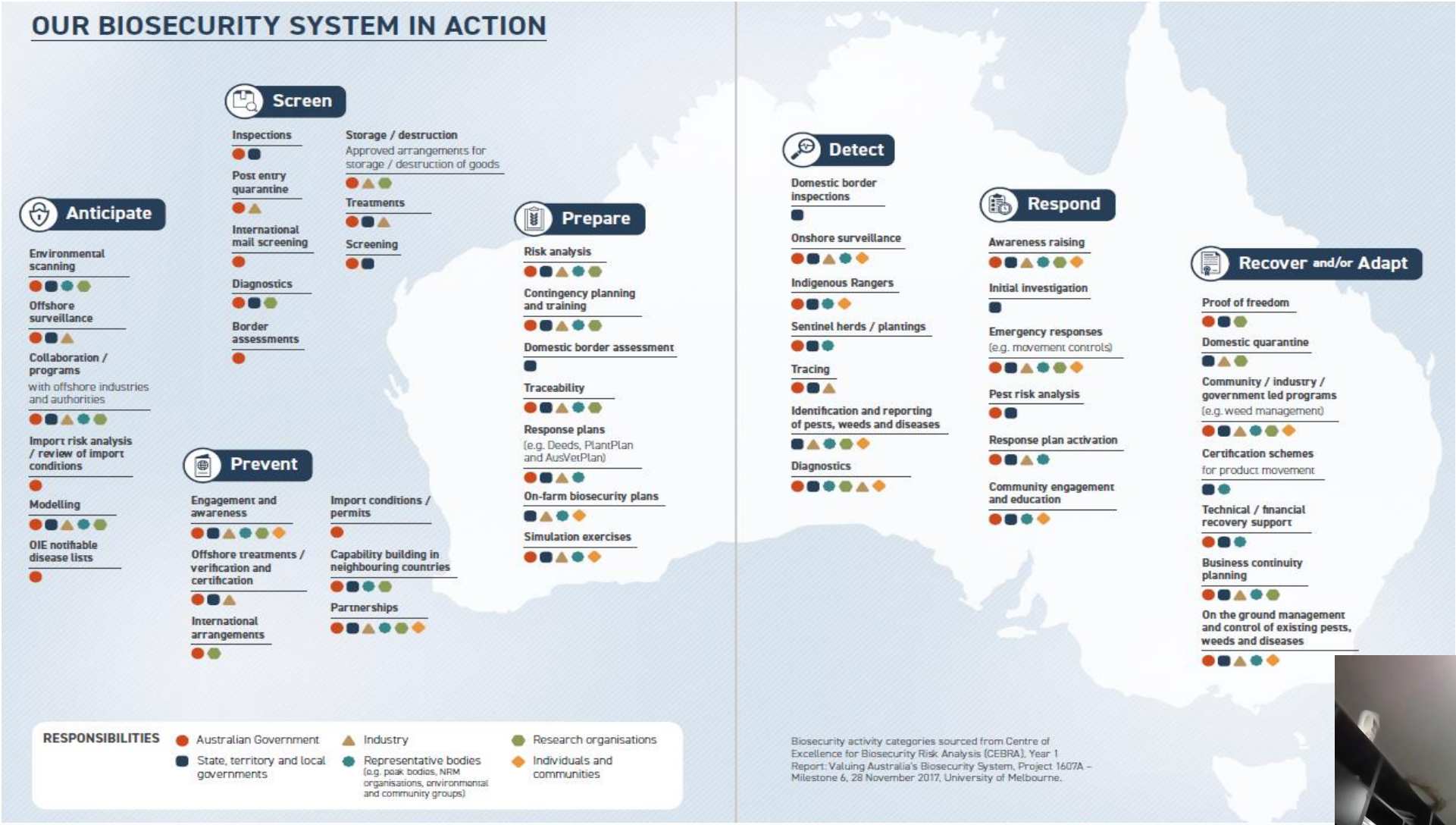


Why is Biosecurity Important to Tasmania?

- Protection of our important primary industries
- Maintenance of our low pest and disease pressure (<\$ for management)
- ‘Area Freedom’ = Market advantages
- ‘Brand Tasmania’
- Protection of our unique environment
- Protection of our lifestyle, health and safety
- Loss of status is difficult to retain



National Biosecurity Strategy (2022-2032)



National Biosecurity Strategy (2022-2032)

- **Changing or increasing biosecurity risks:**

- Shifting trade and travel patterns
- Decreasing biodiversity
- Changing land uses
- Increasing biosecurity risks overseas
- Illegal activity
- Major global disruptions
- Climate change

- **Climate change:**

- Changes in weather patterns and extreme weather events
- Altering habitat, range and distribution of pest species
- Increasing the ability for pests to spread and establish
- Established pests reduce the ability of our natural ecosystems to cope with changing conditions



Tasmanian Plant Biosecurity System – Some Important Elements

Import Risk Analysis

Import Risk Analysis (IRA) - consistent with national and international guidelines when evaluating what pests and diseases are of greatest concern to Tasmania in association with imported goods, plants and plant products, machinery and movement of people across the border.

IRA policy framework includes climate change considerations.

<https://nre.tas.gov.au/biosecurity-tasmania/plant-biosecurity/biosecurity-tasmania-import-risk-analysis-assessment-processes>



Tasmanian Plant Biosecurity System – Some Important Elements

Post Border Surveillance

National Forest Pest Surveillance Program managed by Plant Health Australia.



managed by Plant Health

Some planned outputs:

- Development of a diagnostic tool for identification of common pests
- Pest pathway analysis to identify high risk of entry or establishment
- Mapping of risk sites
- Assessment of the surveillance capacity
- Implementation of a

deTREES) for field surveillance of biosecurity importance

of entry or

capacity

<https://www.planthealthaustralia.com.au/national-programs/national-forest-pest-surveillance-program/>



Climate Change and 'Biosecurity' Impacts on Tasmanian Forests

- **Assumption:**

- A warming climate creates environmental conditions which may benefit plant pests, weeds, vertebrate pests and soil-borne pathogens

- **Impacts may include:**

- Reduction in productivity through competition for resources (e.g. water, nutrients, light, space)
- Impacts to natural values in native forests
- Impact on seedling and forest establishment through competition (i.e. weeds) or increased grazing pressure (i.e. vertebrate pests)
- Increased production costs for forestry – control and management
- Increased regulatory burden dealing with declared weeds



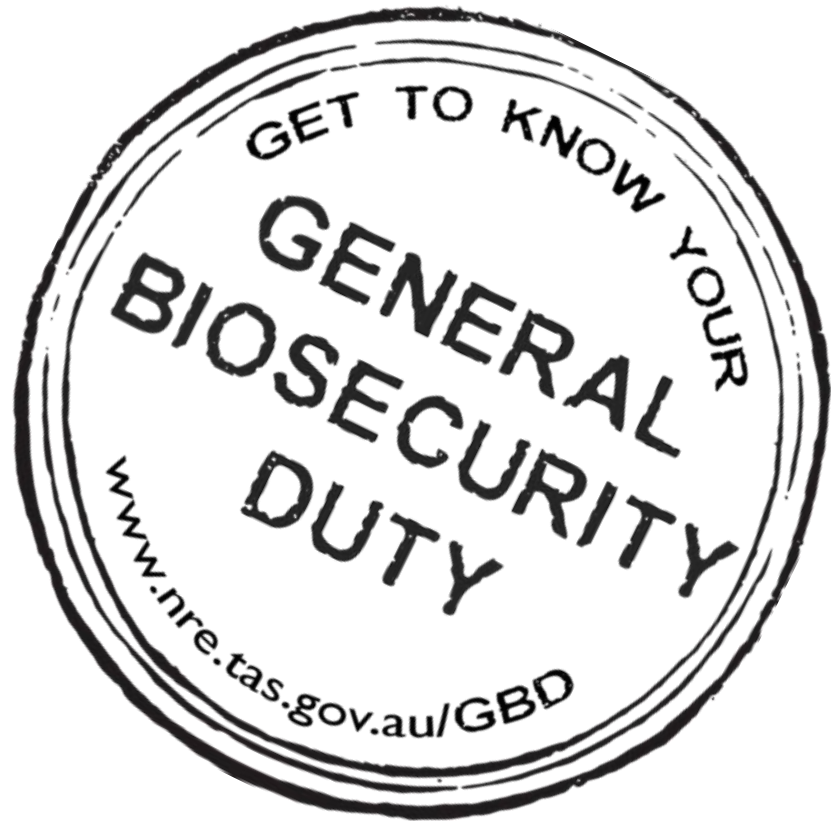
Options to Adapt, Reduce Risk or Create Resilience?

- Identification of key biosecurity threats to our forests
- Design and implementation of pest and weed surveillance – early detection
- Plan forestry practices in a manner to minimise invasive opportunity and increased biosecurity measures (i.e. equipment, vehicle and machinery hygiene)
- Increase industry preparedness to respond to biosecurity emergencies (scenarios and exercises)
- Ensure a sound understanding of regulatory responsibility



Biosecurity – a shared responsibility

- *Biosecurity Act 2019*



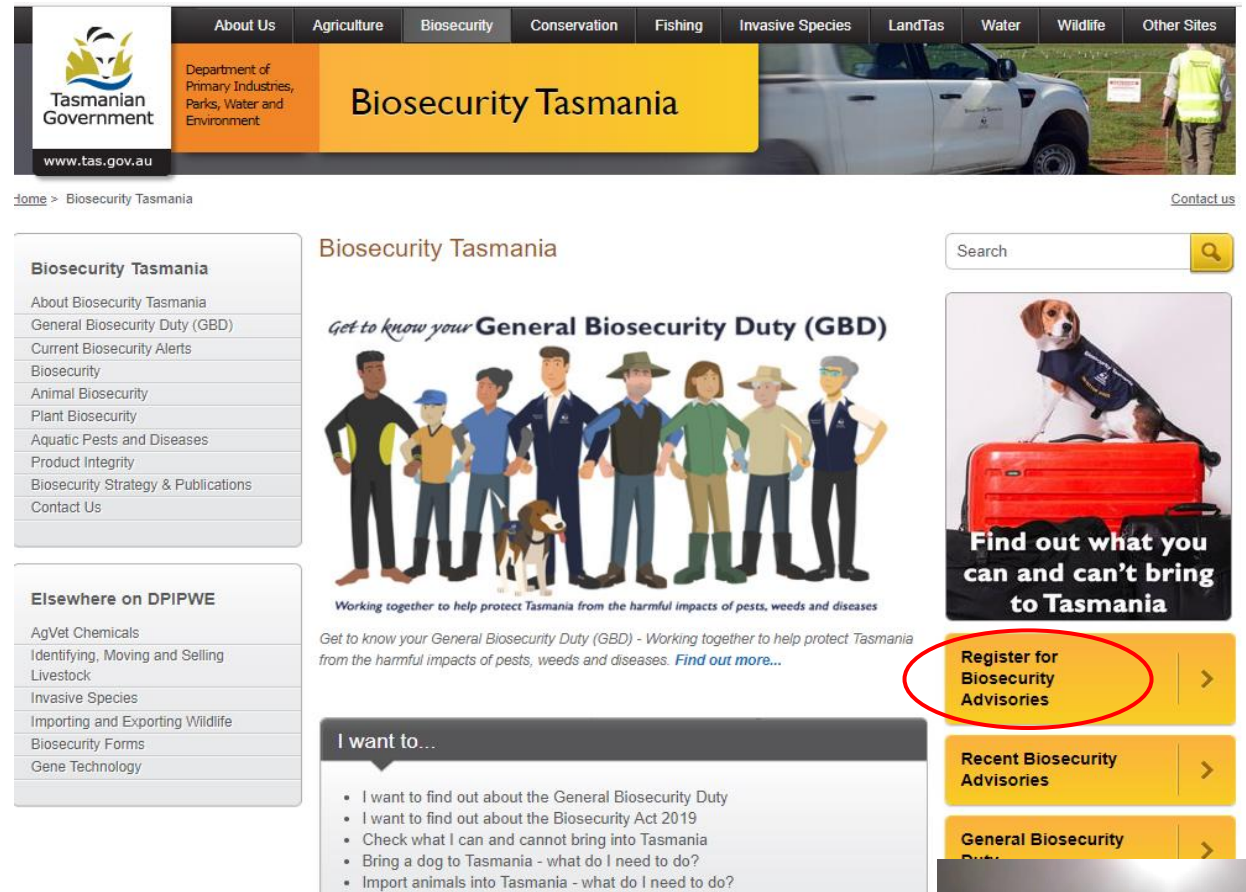
- The **Notification of a Biosecurity Event** is a legal requirement under section 73 of the *Biosecurity Act 2019*
- A **biosecurity event** is something that has occurred, is occurring or is likely to occur and that has had, is having, or is likely to have, a significant adverse effect on the economy, environment or community



Stay Connected with Biosecurity Tasmania

www.nre.tas.gov.au/biosecurity

Find us on 



The screenshot shows the Biosecurity Tasmania website. At the top is a navigation menu with links for About Us, Agriculture, Biosecurity, Conservation, Fishing, Invasive Species, LandTas, Water, Wildlife, and Other Sites. Below the menu is a header with the Tasmanian Government logo and the text 'Department of Primary Industries, Parks, Water and Environment' and 'Biosecurity Tasmania'. The main content area features a large illustration of diverse people and a dog, with the text 'Get to know your General Biosecurity Duty (GBD)'. Below this is a search bar and a 'Register for Biosecurity Advisories' button, which is circled in red. Other buttons include 'Recent Biosecurity Advisories' and 'General Biosecurity Duty'. A 'I want to...' section lists several options for users to explore.

Biosecurity Tasmania

Department of Primary Industries, Parks, Water and Environment

www.tas.gov.au

Home > Biosecurity Tasmania

Biosecurity Tasmania

- About Biosecurity Tasmania
- General Biosecurity Duty (GBD)
- Current Biosecurity Alerts
- Biosecurity
- Animal Biosecurity
- Plant Biosecurity
- Aquatic Pests and Diseases
- Product Integrity
- Biosecurity Strategy & Publications
- Contact Us

Elsewhere on DPIWE

- AgVet Chemicals
- Identifying, Moving and Selling Livestock
- Invasive Species
- Importing and Exporting Wildlife
- Biosecurity Forms
- Gene Technology

Biosecurity Tasmania

Get to know your **General Biosecurity Duty (GBD)**

Working together to help protect Tasmania from the harmful impacts of pests, weeds and diseases

Get to know your General Biosecurity Duty (GBD) - Working together to help protect Tasmania from the harmful impacts of pests, weeds and diseases. [Find out more...](#)

I want to...

- I want to find out about the General Biosecurity Duty
- I want to find out about the Biosecurity Act 2019
- Check what I can and cannot bring into Tasmania
- Bring a dog to Tasmania - what do I need to do?
- Import animals into Tasmania - what do I need to do?

Register for Biosecurity Advisories

Recent Biosecurity Advisories

General Biosecurity Duty

Search

Find out what you can and can't bring to Tasmania

<https://biosecurityadvisory.nre.tas.gov.au/Pages/>



Questions?

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