

A large, cylindrical metal water tower stands in a field. Several sheep are grazing in the foreground. The sky is filled with dramatic, colorful clouds in shades of orange, red, and blue, suggesting a sunset or sunrise. The overall scene is rural and peaceful.

Decade of Biosecurity Implementation Plan

2023-2026

May 2023

FINAL

DECADE OF
BIOSECURITY

2021-2030

About the Biosecurity Collective

The Biosecurity Collective (Figure 1) was founded by Animal Health Australia, the Invasive Species Council and the Centre for Invasive Species Solutions in 2019, with Plant Health Australia joining in 2021. Together, these organisations have been working to advance the Decade of Biosecurity initiative for three years – an ambitious and critical project to transform our national biosecurity system to involve all Australians.

Since its inception, the Biosecurity Collective has grown to include the National Farmers’ Federation, Freight and Trade Alliance, Landcare Australia, the National Landcare Network and NRM Regions Australia, as well as federal, state and territory biosecurity agencies. All lead project partners can be seen in Figure 2.



The Biosecurity Collective acknowledges the diversity of the Australian biosecurity landscape and represents the industries, businesses, environments, and communities that are part of this interconnected landscape.

Figure 1: The Biosecurity Collective



Figure 2: Decade of Biosecurity lead project partners

Decade of Biosecurity Implementation Plan 2023-2026 authors



This plan was developed for the Decade of Biosecurity Project Steering Group by Jackie Poyser and Danika Barnard from Three60 Consulting Pty Ltd, in consultation with the Steering Group and input from stakeholders and workshop participants.

Document details

Decade of Biosecurity Steering Group. 2023. *Decade of Biosecurity Implementation Plan 2023-26*. Version 1. April 2023.

© Decade of Biosecurity Steering Group 2023

Unless otherwise noted, copyright and any other intellectual property rights in this publication are owned by the Decade of Biosecurity Steering Group. All material in this publication is licensed for use under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.

CONTENTS

Executive summary	5
1. INTRODUCTION	8
1.1 Purpose	8
1.2 Background	8
1.3 Decade of Biosecurity aims	8
1.4 Steering group	9
1.5 Roles and responsibilities	9
1.6 About biosecurity	10
1.7 Plan development	11
1.8 Related documents	12
2. STRATEGIC APPROACH	14
2.1 Problem statement	14
2.2 Aim	14
2.3 Timeframe	14
2.4 Review	14
2.5 Monitoring outcomes	14
2.6 Implementation journey	15
2.7 Project categories	16
2.8 Project criteria	16
3. PROJECTS	17
3.1 Project One: Social research	17
3.2 Project Two: National Biosecurity Communications Strategy	19
3.3 Project Three: Biosecurity Champions and Supporters	21
3.4 Project Four: National Biosecurity Partnership Agreement	23
3.5 Project Five: General Biosecurity Surveillance Program	25
3.6 Project Six: Biosecurity Response Network	27
4. GOVERNANCE	28
4.1 Budget	29
4.2 Risk assessment	29
4.3 Triggers	29
5. COMMUNICATIONS AND ENGAGEMENT	30
5.1 About	30
5.2 Branding	30
5.3 Key themes	30
5.4 Engagement	31
5.5 Activities	31
APPENDIX A: Risk assessment	32

APPENDIX B: M&E performance matrix	34
APPENDIX C: Stakeholder contact list	36
APPENDIX D: Potential partner projects	38
Potential Partner Project One: Cost value of environmental biosecurity	38
Potential Partner Project Two: Skills for the future	40
Potential Partner Project Three: Data repository	42

EXECUTIVE SUMMARY

About this Plan

The *Decade of Biosecurity Implementation Plan 2023-2026* has been developed to outline projects and initiatives that will be undertaken over the next three years to progress the Decade of Biosecurity’s objectives – namely, to actively engage all Australians in building a stronger national biosecurity system. It is underpinned by the *Decade of Biosecurity 2021-2030 Project Plan*, and supports the federal, state and territory governments’ *National Biosecurity Strategy 2022-2032*.

The Decade of Biosecurity Project Steering Group commissioned Three60 Consulting to develop this Plan in 2022. Through an extensive consultation process, nine key projects were identified to realise a sustainable, resilient biosecurity system, ready to face existing and future threats. The Decade of Biosecurity Steering Group has prioritised six of the nine projects to complete over the next three years, working collaboratively with the National Biosecurity Strategy and its implementation plan and action plan.

Collaboration, coordination, stakeholder ownership, leadership and accountability are fundamental principles that underpin this Plan.

Outcomes

The Plan is supported by a Monitoring and Evaluation (M&E) Framework, which will enable the Decade of Biosecurity to track and analyse progress and adjust practices if required, to support the successful delivery of objectives and outcomes. The Plan’s overarching outcomes are shown in Figure 3.

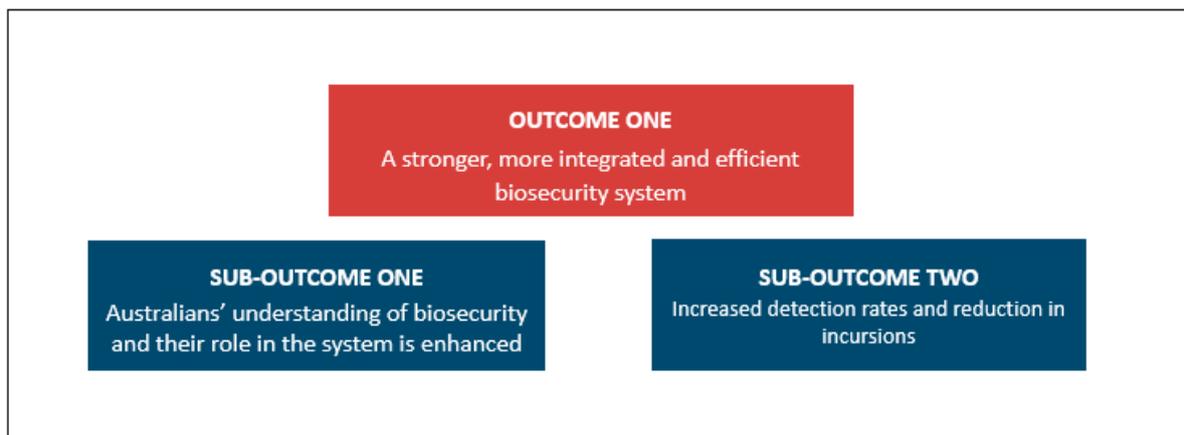


Figure 3: End-of-program outcomes

Implementation

Nine projects have been identified for implementation to support the aims of this Plan (Table 1). The Decade of Biosecurity Steering Group will support the delivery of six of the projects and their project leads, including the identification of essential co-investing pathways. The remaining projects may be progressed by other interested parties in collaboration with the Decade of Biosecurity Steering Group or initiated independently or at a later stage in this Plan.

The Decade of Biosecurity Steering Group is now seeking investors, leads and partners to deliver the projects and the Decade of Biosecurity objectives that will strengthen the national biosecurity system. Contact the Decade of Biosecurity Coordinator at hello@biosecurity2030.org.au to explore these opportunities.

Table 1: Projects for implementation

DECADE OF BIOSECURITY STEERING GROUP SUPPORTED PROJECTS		
Project	Project Lead	Description
Social Research Audit and Identification	Lead/s required	This project will conduct an analysis of existing social research to identify any gaps. It will then put together a schedule of additional social research required to explore reasoning for certain behaviours. This research will be utilised to support behaviour change campaigns as well as governance and system work enhancements.
National Biosecurity Communication Strategy	Lead/s required	Develop and roll out a cross-sectoral, cross-cultural communications strategy and education program to raise awareness of biosecurity across industry, business, government and the community. This includes conducting an audit of what is currently taking place to identify gaps/duplications as well as the launch of an annual national Biosecurity Week to help raise awareness of biosecurity.
Biosecurity Champions and Supporters	Animal Health Australia and Invasive Species Council	Identify and connect with network leaders/champions to develop a set of biosecurity supporters. This should include champions at the local, state, and national level from various sectors.
National Biosecurity Partnership Agreement	Lead/s required	Put in place a formal government, industry and community partnership agreement to clarify roles and responsibilities in national biosecurity. This will also include the collaborative development of pledges that outline the commitment from individual industry, business, community and research communities to support the biosecurity system. Signups will be sought from organisations from within each of these sectors. This will be modelled on the successful New Zealand Biosecurity Business pledge.
General Biosecurity Surveillance Program	Centre for Invasive Species Solutions and NRM Regions Australia	Promote a national biosecurity surveillance program across all industry, business and community sectors, utilising reporting tools and data repositories including MyPestGuide, WeedScan, iNaturalist, FeralScan, Australian Plant Pest Database and the Atlas of Living Australia.

DECADE OF BIOSECURITY STEERING GROUP SUPPORTED PROJECTS

Project	Project Lead	Description
Biosecurity Response Network	National Landcare Network and NRM Regions Australia	Increase emergency response capability by establishing a network of trained biosecurity response personnel, similar to other emergency volunteer programs such as the Rural Fire Service.

POTENTIAL PARTNER PROJECTS

Project	Project Lead	Description
Cost value of environmental biosecurity	Lead/s required	Research the potential costs to the environment and our way of life if we do not transform the biosecurity system to meet the challenges of 2030.
Skills for the future	Lead/s required	Conduct an audit of current skills and capabilities in the biosecurity sector and identify gaps. This will support the development of a succession planning program to ensure the biosecurity system has the skilled resources for the future.
Data repository	Lead/s required	Create consistent standards and a common language for data collection across sectors. Create a central repository for all biosecurity data, available to all stakeholders. Could be used for alerts or a real-time dashboard of information that stakeholders can use to make decisions.

1. INTRODUCTION

1.1 Purpose

This Plan outlines the activities the Decade of Biosecurity will drive over the next three years to ensure that the project meets its objectives – namely, that Australia has a stronger, more collaborative biosecurity system ready for the challenges of 2030 and beyond.

1.2 Background

The Decade of Biosecurity began in 2019, when it was first proposed by the Invasive Species Council, Animal Health Australia and the Centre for Invasive Species Solutions. Since then, Plant Health Australia, the National Farmers' Federation, Freight and Trade Alliance, Landcare Australia, the National Landcare Network, NRM Regions Australia and all federal, state and territory biosecurity agencies have agreed to be involved.

The Decade of Biosecurity is a partnership between industry, business, community, and government to elevate the importance of biosecurity and improve the biosecurity system's effectiveness during the 2020s. The partnership seeks to engage all Australians with building a stronger biosecurity system and connect leaders and influencers across sectors to share and leverage their learnings and approaches. It is an engine that helps reinforce the biosecurity system and build resilience into the system for the future.

The Decade of Biosecurity aspires to support, enable and connect all stakeholders undertaking biosecurity projects and amplify new and existing efforts to enhance the biosecurity system.

1.3 Decade of Biosecurity aims

The aims of the Decade of Biosecurity are to:

- actively engage all Australians in building a stronger biosecurity system
- identify activities that will help strengthen Australia's biosecurity system to ensure it is ready for the challenges of 2030
- provide a collaborative platform that facilitates sharing, engagement, connection and partnership across the Australian biosecurity system and recognises its diversity
- progress existing and new cross-sectoral biosecurity initiatives
- create a platform to help establish and promote sustainable biosecurity investment mechanisms with contributions from government and non-government sources
- highlight the economic, environmental and cultural impacts of biosecurity incursions.

The Decade of Biosecurity is well underway, supporting initiatives and projects to drive better biosecurity outcomes across the following sectors - agriculture (animals and plants), pest animals, weeds, wildlife, land and water management, human amenity and the environment. However, to ensure a coordinated, effective and strategic approach to achieve its objectives, the Decade of Biosecurity Steering Group commissioned Three60 Consulting to develop a three-year Implementation Plan. This Plan will explore how the Decade of Biosecurity can be operationalised to:

- ✓ support the work of stakeholders

- ✓ address key priorities
- ✓ represent all Australians, all industries, and all environments
- ✓ enable cross-pollination and two-way sharing of ideas and efforts.

The Decade of Biosecurity Project and its partners are not responsible for leading all of the projects identified in this Plan, but will work closely with Decade of Biosecurity community stakeholders to identify the organisations best-placed to progress specific projects.

1.4 Steering group

The Decade of Biosecurity Steering Group is a collaborative group that:

- represents community, industry and government interests in the successful delivery of joint Decade of Biosecurity activities
- provides strategic direction and leadership to enable the objectives of the Decade of Biosecurity to be achieved
- fosters positive two-way communication regarding the project’s initiatives, progress, and outcomes
- acts as an advocate for the Decade of Biosecurity initiatives and projects across the wider community and the organisations they represent
- encourages a culture of collaboration, engagement and positivity.

The Steering Group consists of 16 participants:

- One representative from each of the eight founding groups.
- One nominated by the Commonwealth Department of Agriculture, Fisheries and Forestry.
- Two nominated by state and territory representatives of the National Biosecurity Committee (currently Queensland and Western Australia).
- Two First Nations representatives.
- One from the business community (currently Freight and Trade Alliance).
- One nominated by the Australian Local Government Association.
- One with a practical on-ground community perspective.

1.5 Roles and responsibilities

The roles and responsibilities for those involved in the delivery of the Decade of Biosecurity Project are outlined in Table 2.

Table 2: Roles and responsibilities summary

Role	Responsibility
Decade of Biosecurity Project Steering Group	<ul style="list-style-type: none"> ● Oversight of the plan including: <ul style="list-style-type: none"> - securing of funding - integration with national and jurisdictional priorities (including the National Biosecurity Strategy and corresponding Implementation Plan). ● Meet regularly as a committee to assess the plan’s progress. ● Liaise with influential stakeholders and investors (i.e., politicians, key influences) to progress objectives and funding requirements. ● Champion the Decade of Biosecurity initiative within their respective networks of influence. ● Identify if an Implementation Plan trigger point needs to be activated.

Decade of Biosecurity Coordinator	<ul style="list-style-type: none"> ● Management of the plan including the: <ul style="list-style-type: none"> - monitoring and evaluation framework - risk register - organisation and convening of the annual workshop - communications and engagement activities - annual review of the plan's objectives. ● Secretariat: Decade of Biosecurity Project Steering Group. ● Reconvene relevant Decade of Biosecurity Steering Committee if a trigger point is identified. ● Seek integration with other jurisdictional priorities. ● Seek and secure project leads. ● Support project leads in their endeavours to progress their respective projects. ● Work to activate the projects within the Implementation Plan and secure buy-in from other stakeholders. ● Liaise with stakeholders and investors to progress objectives and funding requirements. ● Identify potential funding sources. ● Represent the Decade of Biosecurity at forums.
Project lead and/or co-lead	<ul style="list-style-type: none"> ● Direct and implement specific projects identified in the Plan. ● Report on project progress at the annual workshop. ● Keep organisations in the project support role informed of progress and provide opportunities for involvement. ● Source funding opportunities to support the project. ● Seek support from the Decade of Biosecurity community that has been created through the development of this plan. ● Champion the Decade of Biosecurity initiative within their respective networks of influence.
Project support	<ul style="list-style-type: none"> ● Identify ways to assist the project lead and/or co-lead to implement specific projects identified in the Plan. ● Champion the Decade of Biosecurity initiative within their respective networks of influence.

1.6 About biosecurity

Biosecurity protects Australian livelihoods and is vital to strengthening and safeguarding our environment and economy, including tourism, trade and agriculture. It underpins most aspects of our way of life.

For the purposes of this Plan, biosecurity is defined as follows: The system that keeps Australia free from many harmful pests, weeds and diseases found elsewhere in the world. Our animal, plant, human and environmental health outcomes rely on strong biosecurity – that is, the controls and measures to manage the risk of these pests, weeds and diseases entering, emerging, establishing or spreading within Australia.¹

¹ *National Biosecurity Strategy 2022-2032*, Australian Government

The Decade of Biosecurity recognises that to achieve our desired level of protection, it is important that appropriate biosecurity practices are in place along the pre-border, border and post-border continuum. The generalised invasion curve (Figure 4) demonstrates these stages and the economic return on investment at each point of intervention – prevention (including planning and preparedness), eradication (including early detection), containment and ongoing management. It costs far less to stop invasive species from arriving than it does to eradicate or contain them, or to manage their impacts once they have established². For many biosecurity threats, prevention is often the only feasible intervention.

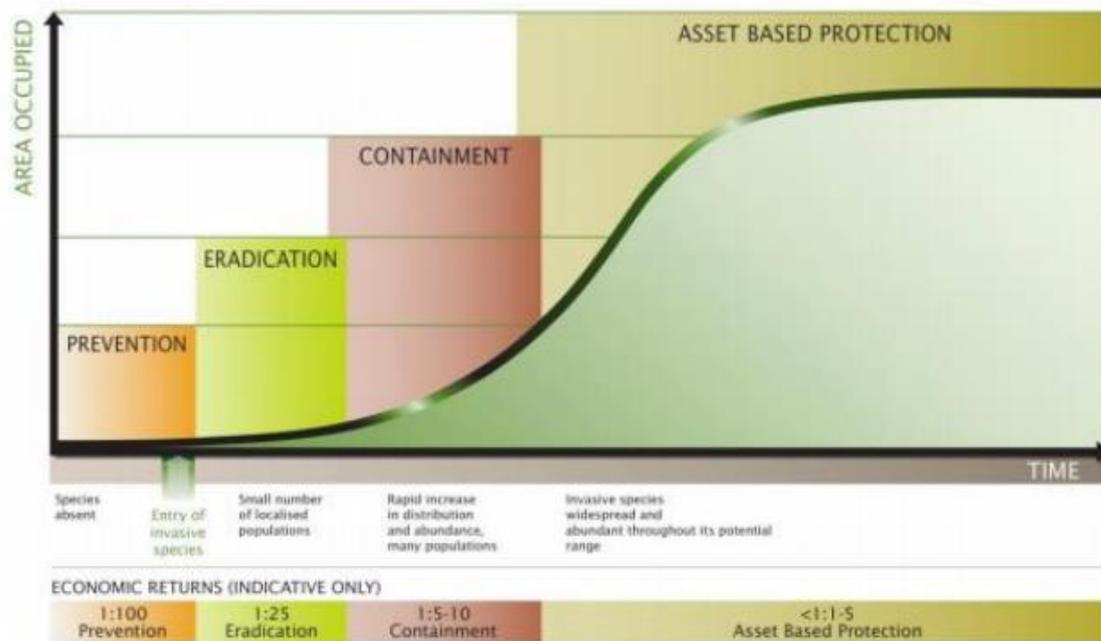


Figure 4: Generalised invasion curve showing actions appropriate to each stage (Source: National Farmers Federation - https://nff.org.au/wp-content/uploads/2020/05/FINAL-NFF-biosecurity-policy-statement_May-2020.pdf)

1.7 Plan development

The Decade of Biosecurity Project Steering Group commissioned Three60 Consulting to develop this Implementation Plan. The process commenced after the launch of the Decade of Biosecurity initiative in May 2022, with the full process outlined in Figure 5.

² Biosecurity Policy Statement, 2020, National Farmers Federation

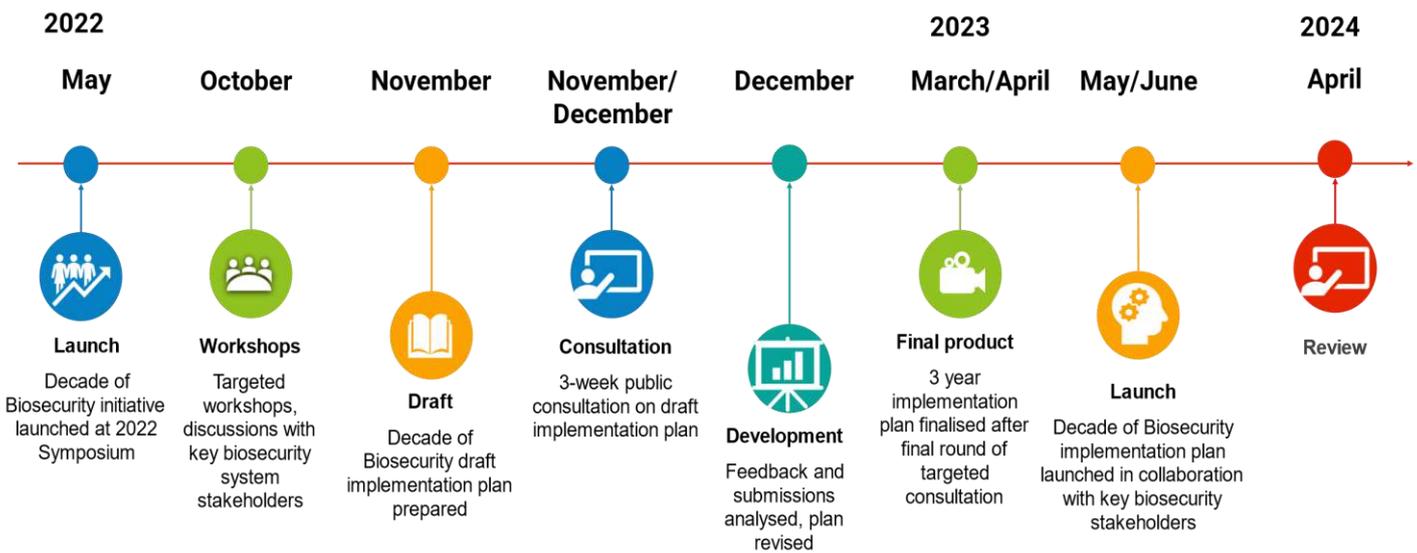


Figure 5: Timeline for early adopters and innovators implementation plan

Collaboration, coordination, stakeholder ownership, leadership and accountability are fundamental principles that underpin this Plan. To ensure this Plan adheres to these principles and achieves buy-in from stakeholders across Australia, an extensive consultation process was undertaken during the Plan’s development. The consultation approach consisted of the activities outlined in Table 3.

Table 3: Consultation approach

Stage	Activity
Stage 1: Initial consultation and draft development (Oct-Nov 2022)	<ul style="list-style-type: none"> Virtual and in-person state-based workshops <ul style="list-style-type: none"> Hobart, Tasmania Western Australia (virtual) Sydney, New South Wales Brisbane, Queensland National – all states (virtual) Feedback and insights informed initial draft.
Stage 2: Feedback on first draft of the Plan (Nov 2022 - Jan 2023)	<ul style="list-style-type: none"> Draft Plan provided to stakeholders for their feedback. Feedback assessed and adjustments made.
Stage 3: National workshop, feedback on second draft and final adjustments (Feb -April 2023)	<ul style="list-style-type: none"> Updated draft Plan provided to stakeholders for their feedback. Final draft discussed at a national stakeholder workshop. Feedback assessed and adjustments made. Plan finalised. Plan endorsed by Decade of Biosecurity Steering Committee.

1.8 Related documents

This Plan is closely aligned with the Australian Government’s *National Biosecurity Strategy 2022-2032* and draws upon the findings of the *2020 CSIRO Biosecurity Futures Report* and the 2017

Intergovernmental Agreement on Biosecurity (IGAB) review. Figure 6 shows how the Decade of Biosecurity Implementation Plan fits with these other documents.

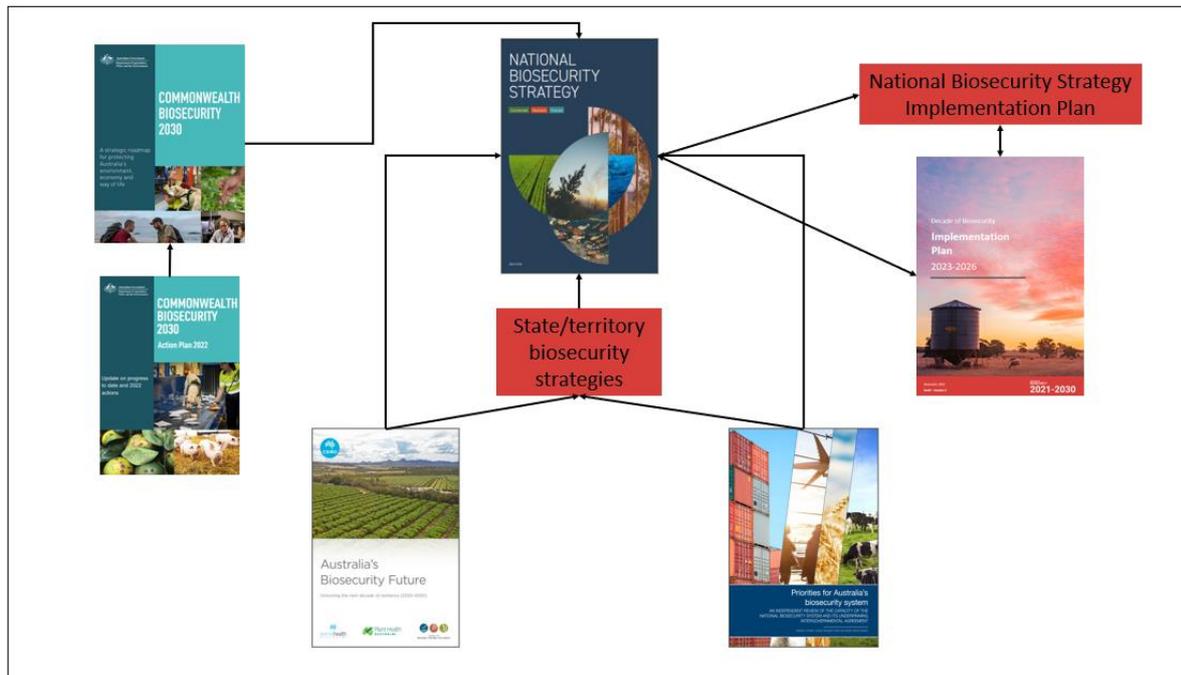


Figure 6: The bigger picture - where this Plan fits

2. STRATEGIC APPROACH

2.1 Problem statement

Australia's biosecurity system is facing ever-increasing challenges that threaten to damage our environment, economy, and way of life. To combat new pests, weeds and diseases, expanding urbanisation, climate impacts and other systemic pressures such as resource constraints, Australia requires a transformational change to its biosecurity approach to ensure the system can withstand increasing threats. There is also significant scope to increase the use of traditional ecological knowledge and First Nations peoples in the management of established pests, weeds and diseases.

2.2 Aims

The aims of this Plan are to:

- To identify activities that advance the aims of the Decade of Biosecurity
- Seek and support project leads, partners and investors to implement these activities
- Monitor and report on progress.

This Plan identifies activities to be undertaken and outlines the process of their implementation. These activities support the outcomes of the federal, state and territory governments' *National Biosecurity Strategy 2022-2032* and its Implementation Plan.

2.3 Timeframe

This Plan covers a period of three years, from April 2023-March 2026.

2.4 Review

A review of the Plan will be conducted each year. This will provide the opportunity for the Decade of Biosecurity Steering Group and other key stakeholders to report on projects, discuss the progress of the Plan and determine whether adjustments are required.

2.5 Monitoring outcomes

This Plan is underpinned by a Monitoring and Evaluation (M&E) Framework, which will enable the Decade of Biosecurity to track and analyse progress and adjust practices if required, to ensure the Plan is successful in delivery of its aim and objectives.

As part of the M&E Framework, a program logic model (Figure 7) and performance matrix (Appendix B) have been developed to provide clarity around the rationale of the Plan and identify clear end-of-program outcomes. The program logic model designed for the Decade of Biosecurity shows the journey from foundational activities to a sequence of prioritised actions which will lead the Decade of Biosecurity to the end-of-program outcomes.

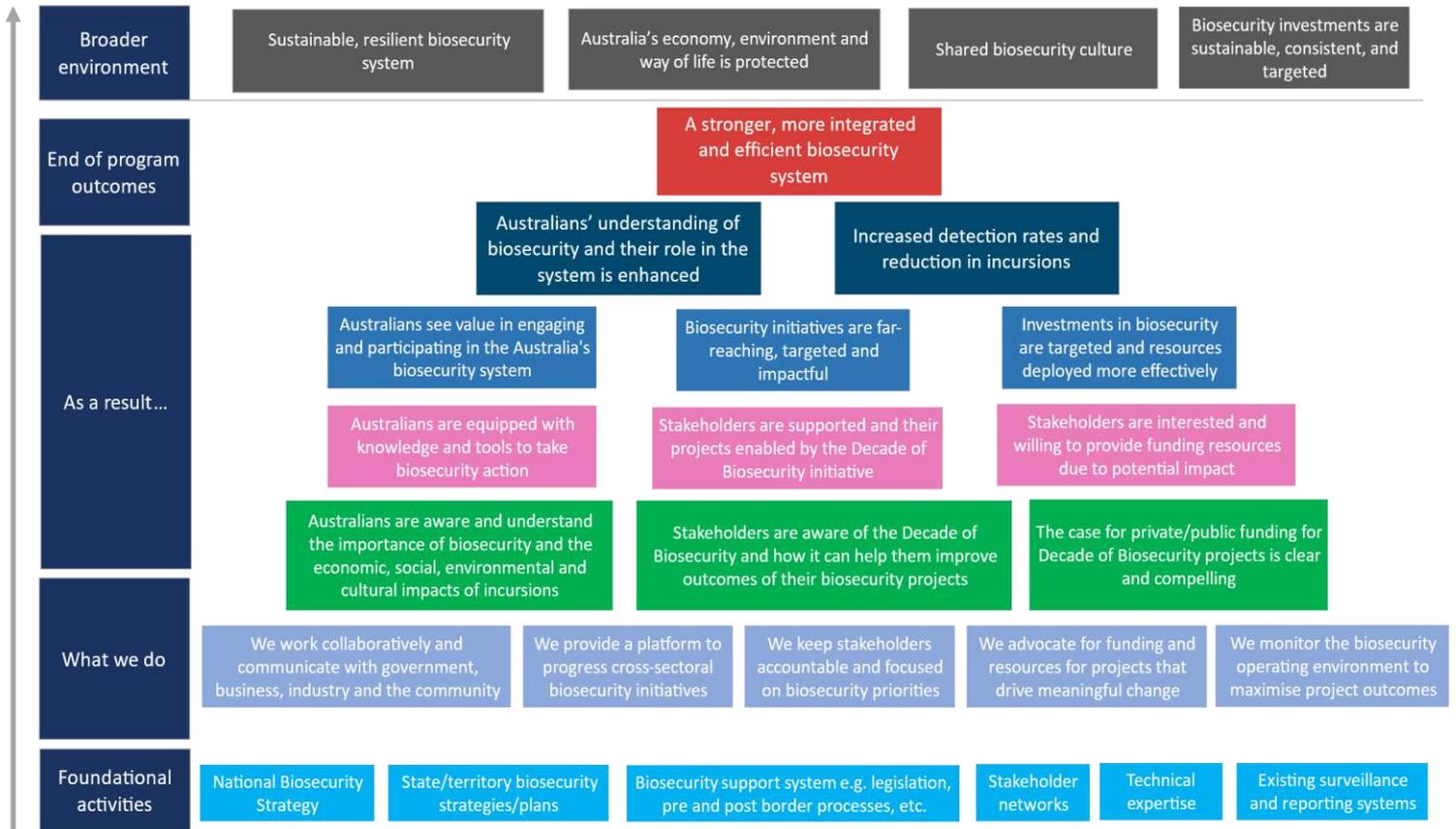


Figure 7: Program logic

2.6 Implementation journey

Nine projects have been identified for implementation within this Plan. The Decade of Biosecurity Steering Group will drive six of these projects. The remaining projects (as outlined in Appendix D) may be progressed by other willing and capable partners in collaboration with the Decade of Biosecurity Steering Group or initiated at a later stage in this Plan.

This Implementation Plan will also work to raise awareness of the Decade of Biosecurity and how biosecurity stakeholders can utilise it to enable and amplify their work, through communications and engagement activities (Figure 8).

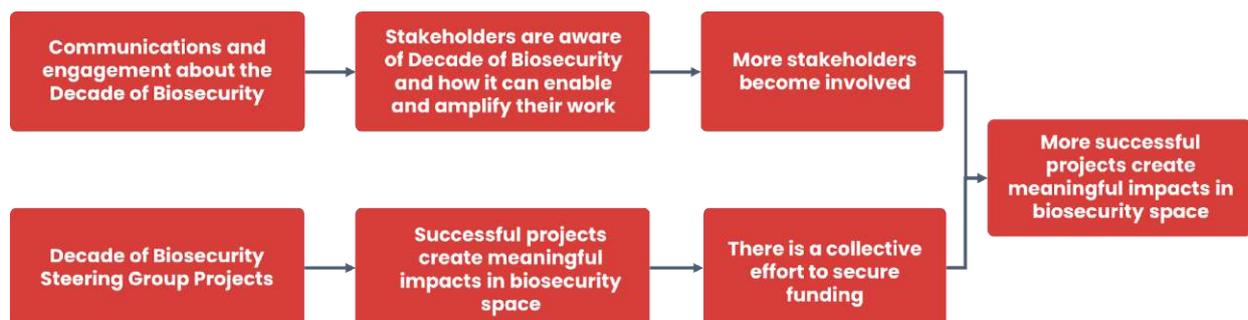


Figure 8: Implementation process

The timeline for implementation of these projects is outlined in Figure 9 (indicative timeline only). A biannual review will be conducted to assess progress and reprioritise if required.

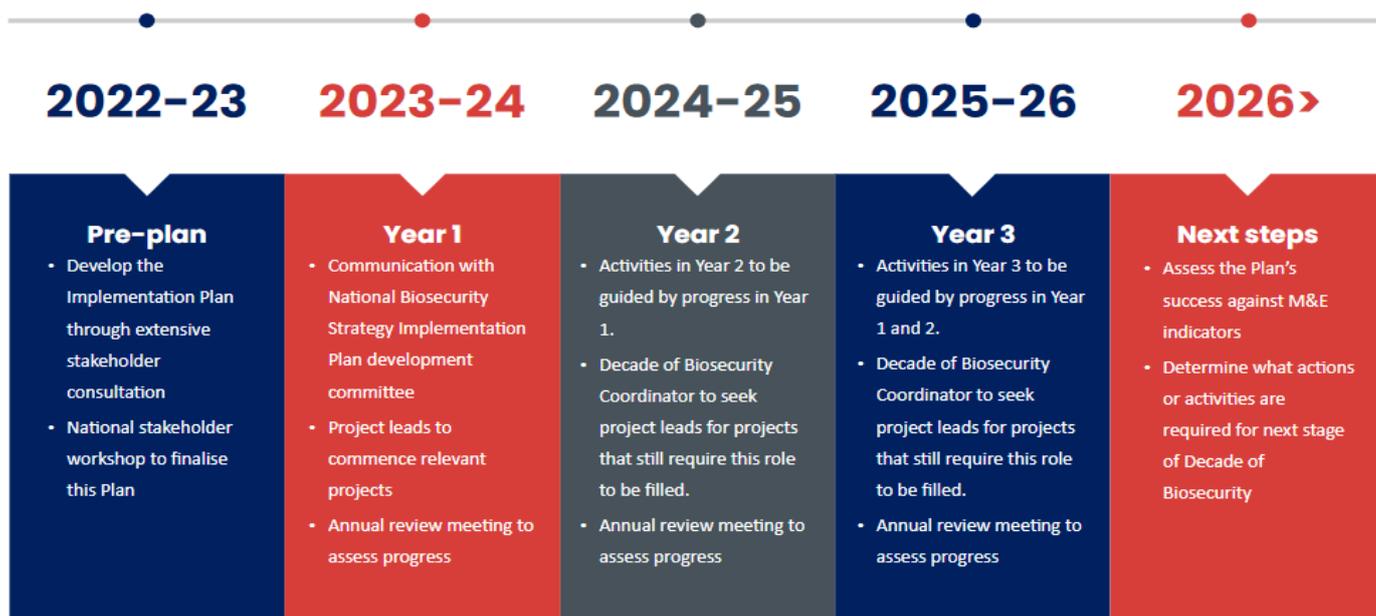


Figure 9: Implementation timeline

2.7 Project categories

Projects in this Plan have been categorised as per Table 4.

Table 4: Activity categories

Activity category	Description
Builder 	These activities are the building blocks for future activities – they are required to be completed to guide the development and implementation of new projects
Booster 	These activities support or expand existing projects or initiatives being conducted by business, industry, community or government at the local, state or national level
Trailblazer 	These projects are new projects that will be undertaken with the support of the Decade of Biosecurity.

2.8 Project criteria

All projects in the Plan are required to:

- Support the objectives of the *National Biosecurity Strategy 2022-2032* and align with the Strategy's six priority areas:
 - Shared biosecurity culture
 - Stronger partnerships
 - Highly skilled workforce
 - Coordinated preparedness and response
 - Sustainable investment
 - Integrated supported by technology, research and data.

- be unique activities that do not duplicate but build on or complement the efforts or initiatives of other organisations.
- adhere to the Decade of Biosecurity’s ethos of collaboration and coordination.

The selected projects are the result of significant consultation and broad input since 2020. This includes the Decade of Biosecurity project plan finalised in early 2022, the five consultation workshops held in October 2022 and the final national workshop held in February 2023.

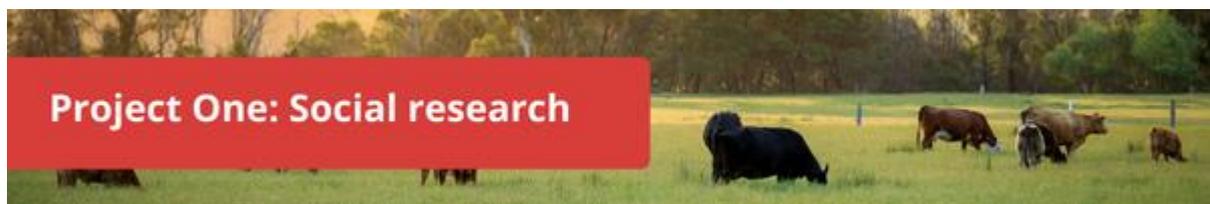
3. PROJECTS

Each project and its activities are outlined below. Each project is also aligned with one or more of the overarching M&E indicators for the Plan and each of the priority areas from the federal, state and territory governments’ *National Biosecurity Strategy 2022-2032*. We are seeking investors in these project since at present these are currently unfunded.

The Decade of Biosecurity Steering Group will lead four of these projects. We are looking for project leads for the remaining projects. Project 1: Social research is a critical initial project that will underpin future communications activities.

These projects are owned by all biosecurity stakeholders – individuals, businesses, governments and community groups can take advantage of the projects and see how their future thinking and current programs fit in. All biosecurity stakeholders are encouraged to be involved in these projects or initiate their own Decade of Biosecurity projects.

3.1 Project One



Overview

Category	Builder
Timeframe	This is a three-year project
Project lead	Lead/s required
Project support	Project support/s required
Description	This project will conduct an analysis of existing social research to identify where there may be gaps in our knowledge and understanding of why people/groups behave in certain ways and what motivates different groups to actively participate in good biosecurity practices. It will then identify additional social research topics to explore reasoning for certain behaviours. This

	research will be utilised to support behaviour change campaigns as well as governance and system work enhancements.
Key insights	<ul style="list-style-type: none"> • Audit of work already conducted and/or underway needs to be undertaken at the commencement of this project. • There is the opportunity to do cross-border work and across the sectors (i.e. social research that uses data from industry, community and government). • Essential to have custom-tailored messaging and refined approaches to the diverse social and cultural contexts across Australia (i.e., rural and remote First Nations Communities). • Build on existing participatory processes and tools.
M&E outcome	<ul style="list-style-type: none"> • Outcome 1: The biosecurity system is stronger, more integrated and more efficient. • Sub-outcome 1: Australians’ understanding of biosecurity and their role in the system is enhanced. • Sub-outcome 2: Increased detection rates and reduction in incursions.
National Biosecurity Strategy alignment	<p>Priority area 1: Shared biosecurity culture.</p> <p>Priority area 2: Stronger partnerships.</p>

Activities

Task	Timeframe	Responsibility	Tracking
Explore whether there are synergies with existing projects in this area e.g. National Biosecurity Communications and Engagement Network; the National Environment Science Program and the Landscapes Hub			
Undertake audit of existing social research			
Identify current gaps in social research framework			
Outline priority areas for commissioning social research – what is critical to know to achieve the Decade of Biosecurity objectives?			
Secure funding/provider to conduct social research into priority areas			

3.2 Project Two



Overview

Category	Trailblazer
Timeframe	This is a three-year project
Project lead	Lead/s required
Project support	<ul style="list-style-type: none"> • Animal Health Australia • Invasive Species Council • NRM Regions Australia • Australian Organic Limited
Description	This project will develop and roll out a cross-sectoral, cross-cultural communications strategy and education program to raise awareness of biosecurity across industry, business, government and the community. This includes conducting an audit of what is currently taking place to identify gaps/duplications as well as the launch of an annual national Biosecurity Week to help raise awareness of biosecurity.
Key insights	<ul style="list-style-type: none"> • Tailored communication is required to meet the needs of a diverse audience. • Liaison with the National Biosecurity Communications and Engagement Network and industry experts (across all sectors) essential to avoid duplication of efforts. • Government and industry commit to sharing their experiences and findings to improve outcomes across the sector. • Aligns with Animalplan (3.3) “Conduct more industry, government education and awareness communication activities to promote a biosecurity ‘culture’ and ‘community of practice’ across animal industries, including smallholders”.
M&E outcome	<ul style="list-style-type: none"> • Outcome 1: The biosecurity system is stronger, more integrated and more efficient. • Sub-outcome 1: Australians’ understanding of biosecurity and their role in the system is enhanced. • Sub-outcome 2: Increased detection rates and reduction in incursions.
National Biosecurity Strategy alignment	Priority area 1: Shared biosecurity culture. Priority area 2: Stronger partnerships.

Activities

Task	Timeframe	Responsibility	Tracking
Determine working group to develop the communications strategy. The strategy should include date/ideas for the inaugural National Biosecurity Week, tailored communications for various sectors, etc.			
Identify best-practice behavioural science from different sectors that can enhance the communication of biosecurity messages.			
Analyse existing communications resources – who is already saying what to who, is it working, how can we create consistent messaging that’s tailored for different groups?			
Explore large-scale biosecurity communications campaign, similar to ‘Slip, slop, slap’ based on outcomes from Project One – Social research.			
Consult with key stakeholders during the development of the communications strategy			
Send draft communications strategy to key stakeholders for review			
Finalise strategy and secure funding for implementation			

3.3 Project Three



Overview

Category	Booster
Timeframe	This is a two-year project
Project lead	Animal Health Australia and Invasive Species Council, in partnership with the Decade of Biosecurity Steering Group
Project support	<ul style="list-style-type: none"> • National Farmers' Federation • Australian Organic Limited
Description	Identify and connect with network leaders/champions to develop a set of biosecurity 'supporters'. This should include champions at the local, state, and national level from various sectors.
Key insights	<ul style="list-style-type: none"> • Diversity of champions is essential to the success of this project. • Explore 'champions' work underway in other sectors. • A clear strategic direction and intent will need to be developed to ensure performance indicators, accountability measures, funding requirements and capability criteria. • Support and structure will need to be provided to the champions to ensure appropriate guidance and support is available.
M&E outcome	<ul style="list-style-type: none"> • Outcome 1: The biosecurity system is stronger, more integrated and more efficient. • Sub-outcome 1: Australians' understanding of biosecurity and their role in the system is enhanced. • Sub-outcome 2: Increased detection rates and reduction in incursions.
National Biosecurity Strategy alignment	Priority area 1: Shared biosecurity culture. Priority area 2: Stronger partnerships.

Activities

Task	Timeframe	Responsibility	Tracking
Conduct a desktop audit of existing programs that identify key leaders/champions (e.g. Australian Biosecurity Awards, Rural Women Awards, etc)			
Assess whether there are opportunities for partnership/support with identified existing programs			
Explore where there are gaps or a lack of spokespeople for certain sectors and work closely with stakeholders to source relevant champions for these areas			
Determine what the Decade of Biosecurity will provide to champions/supporters (e.g. training materials, special affiliation, tools, etc)			
Explore providing a portal with resources for biosecurity champions			
Once the 'pledge' system is implemented, look to include champions from groups who have committed to their pledge			
Conduct an annual review of the program to assess progress			

3.4 Project Four



Overview

Category	Trailblazer
Timeframe	This is a three-year project
Project lead	Lead/s required to work in partnership with the Decade of Biosecurity Steering Group
Project support	<ul style="list-style-type: none"> Freight & Trade Alliance
Description	Put in place a formal government, industry and community partnership agreement to clarify roles and responsibilities in national biosecurity. This will also include the collaborative development of pledges that outline the commitment from individual industry, business, community and research communities to support the biosecurity system. Signups will be sought from organisations from within each of these sectors. This will be modelled on the successful New Zealand Biosecurity Business pledge.
Key insights	<ul style="list-style-type: none"> A clear strategic direction and intent will need to be developed to provide clarity on partnership requirements. Aligns with Animalplan (1.1) “Continue to implement recommendations from emergency responses including EAD incursions, COVID-19, previous EAD simulation exercises and recent natural disasters”.
M&E outcome	<ul style="list-style-type: none"> Outcome 1: The biosecurity system is stronger, more integrated and more efficient. Sub-outcome 1: Australians’ understanding of biosecurity and their role in the system is enhanced. Sub-outcome 2: Increased detection rates and reduction in incursions.
National Biosecurity Strategy alignment	<p>Priority area 1: Shared biosecurity culture.</p> <p>Priority area 2: Stronger partnerships.</p> <p>Priority area 3: Sustainable investment.</p>

Activities

Task	Timeframe	Responsibility	Tracking
Develop a working group to develop partnership agreement/pledge system			
Explore how the system will be set up – include mechanisms for accountability, value proposition to get involved, etc.			
Determine the roles and responsibilities for each sector in the national biosecurity agreement			
Consult with stakeholders to generate interest and support to sign			

3.5 Project Five



Overview

Category	Booster
Timeframe	This is a three-year project
Project lead	Centre for Invasive Species Solutions and NRM Regions Australia, in partnership with the Decade of Biosecurity Steering Group
Project support	<ul style="list-style-type: none"> • Plant Health Australia • Australian Organic Limited
Description	<p>Promote a national biosecurity surveillance program approach and system across all industry, business and community sectors, building on digital reporting tools and data repositories including MyPestGuide, WeedScan, iNaturalist, FeralScan, Australian Plant Pest Database and Atlas of Living Australia.</p> <p>This will build upon risk identification work, including influence of climate change on distribution.</p>
Key insights	<ul style="list-style-type: none"> • Audit of work/programs already conducted and/or underway needs to be undertaken at the commencement of this project. • Both pastoral and First Nations managed land needs to be considered for their land management capabilities. • NRM network across Australia can provide standing capacity for active and general surveillance. • Aligns with Animalplan (Objective 2) “Improve Australia’s surveillance and diagnostic capacity for animal pests and diseases”.
M&E outcome	<ul style="list-style-type: none"> • Outcome 1: The biosecurity system is stronger, more integrated and more efficient. • Sub-outcome 1: Australians’ understanding of biosecurity and their role in the system is enhanced. • Sub-outcome 2: Increased detection rates and reduction in incursions.
National Biosecurity Strategy alignment	<p>Priority area 1: Shared biosecurity culture.</p> <p>Priority area 2: Stronger partnerships.</p> <p>Priority area 3: Sustainable investment.</p> <p>Priority area 5: Coordinated preparedness and response.</p> <p>Priority area 6: Integration supported by technology, research and data.</p>

Activities

Task	Timeframe	Responsibility	Tracking
Conduct an audit of existing surveillance programs and tools (building on ABARES review)			
Determine where there are gaps in our surveillance tools – what do we need, what is and isn't working well?			
Assess whether there is the system capability for increased usage of surveillance tools			
Formally establish the standing capacity network for general and active surveillance across Australia			
Explore how current tools and programs could be expanded to be of use to other groups/regions			
Provide tools/messaging for stakeholders to promote surveillance tools to their respective audiences and the value proposition of them being involved			

3.6 Project Six



Overview

Category	Trailblazer
Timeframe	This is a three-year project
Project lead	National Landcare Network and NRM Regions Australia in partnership with the Decade of Biosecurity Steering Group
Project support	Project support/s required
Description	<p>Increase emergency response capability by establishing a network of trained biosecurity response personnel, similar to other NSW emergency volunteer programs such as the Rural Fire Service (RFS) or State Emergency Services. This will build upon risk identification work, including influence of climate change on distribution.</p> <p>This would allow for the recruitment, management, coordination, training, and deployment of volunteers in biosecurity response situations to augment lead response agencies such as the state departments of agriculture.</p> <p>In previous biosecurity situations organisations such the RFS have been engaged to assist with responses in part due to their familiarity with standard emergency response doctrine, mature command and control structures, and their ability to mobilise volunteer support. However, responding to plant and animal health biosecurity emergencies are not part of the core business of these organisations. Additionally, such organisations are also under increasing pressure to meet their own mission objectives due to the symptoms of climate change (eg flood, bushfire etc), and similar stresses are being placed upon the defence force as well which has also been used in the past.</p> <p>When not engaged in biosecurity emergency response activity, the network could be used to foster increased understanding of biosecurity at a local community level, engage in training to both maintain and improve the skill sets of its members, and to undertake on ground preparedness activity.</p>
Key insights	<ul style="list-style-type: none"> • Audit of work already undertaken and/or underway needs to be conducted at the commencement of this project. • A clear strategic direction and intent will need to be developed to provide clarity on roles and issues such as appropriate remuneration for this highly skilled work • Draw from experience from disaster agencies and what lessons learnt over the past decade.

M&E outcome	<ul style="list-style-type: none"> Outcome 1: The biosecurity system is stronger, more integrated and more efficient.
National Biosecurity Strategy alignment	<p>Priority area 1: Shared biosecurity culture.</p> <p>Priority area 2: Stronger partnerships.</p> <p>Priority area 5: Coordinated preparedness and response.</p>

Activities

Task	Timeframe	Responsibility	Tracking
Compile a list of volunteer and paid non-government entities and people that may be appropriate to approach for inclusion in this network or that currently deliver biosecurity response activities			
Determine whether the network will be a stand-alone program or integrated with government, industry, community existing networks			
Determine role of this network, along with joining requirements			
Develop, or identify existing resources to support members of the network			

4. GOVERNANCE

4.1 Budget

The commencing budget for this work is estimated at \$175,000 for 2023/24. This allows for the Decade of Biosecurity Coordinator’s salary, basic operating for the coordinator (including the running of the annual stakeholder workshop), and a modest travel and communications budget required to drive the plan forward. As the Decade of Biosecurity gathers momentum and project partners and implementation of initiatives commence, further funding and in-kind support will be needed to achieve the desired Decade of Biosecurity outcomes.

The Decade of Biosecurity Steering Group is now seeking investors, leads and partners to deliver these projects. Contact the Decade of Biosecurity Coordinator at hello@biosecurity2030.org.au to explore these opportunities.

4.2 Risk assessment

A risk register (Appendix A) has been developed. This will be reviewed quarterly by the Decade of Biosecurity Project Steering Group, with risk mitigation measures adjusted as required.

4.3 Triggers

Triggers are situations or developments that may arise throughout the course of the Plan that may impact its success. Several triggers for this Plan have been identified in Table 5. Each trigger should serve as a catalyst for the responsible party to determine whether action to resolve or address the trigger is required.

Table 5: Trigger points

Trigger	Suggested actions	Responsibility
Natural disaster or biosecurity incursion causes large-scale impacts on agricultural production or the natural environment and/or redirection of funding and capacity	Meet to decide course of action	Decade of Biosecurity Steering Group
Launch of the National Biosecurity Strategy Implementation Plan	Review Implementation Plan and determine next steps	Decade of Biosecurity Steering Group
Significant reduction in biosecurity funding for key stakeholders involved in the Plan	Meet to decide course of action	Decade of Biosecurity Steering Group
Inability to secure leads/funding for projects listed in the Plan	Meet to decide course of action	Decade of Biosecurity Steering Group
Change in state/territory and federal government	Meet to decide course of action	Decade of Biosecurity Steering Group
Other groups launch similar projects/initiatives without Decade of Biosecurity involvement	Meet to decide course of action	Decade of Biosecurity Steering Group

Significant changes in external operating environment reduces importance of biosecurity	Meet to decide course of action	Decade of Biosecurity Steering Group
A project in this Plan fails to achieve its intended outcomes or causes reputational damage to the Decade of Biosecurity brand	Meet to decide course of action	Decade of Biosecurity Steering Group

5. COMMUNICATIONS AND ENGAGEMENT

5.1 About

A fundamental component of this Plan are the communication and engagement activities to help raise awareness of the Decade of Biosecurity Implementation Plan and how biosecurity stakeholders can utilise it to enable and amplify their work. It is critical that communication and engagement activities are undertaken to generate buy-in to the plan, to outline how the initiative can be used to stakeholders' advantage to ensure stakeholders see value in utilising it, and to promote the successes of the Decade of Biosecurity Implementation Plan.

5.2 Branding

The Decade of Biosecurity has branding that can be used by stakeholders aligned with the Decade of Biosecurity's objectives and outcomes. A process will be developed to ensure the branding is protected and used appropriately by stakeholder, whilst also allowing co-branding.

5.3 Key themes

Throughout the consultation process, key themes emerged on what the 2030 biosecurity system should look like. These themes (summarised in Table 6) guided the selection of projects in this Plan and can assist guide communication and engagement activities.

Table 6: Key themes

What does a transformed biosecurity system in 2030 look like?	
<ul style="list-style-type: none"> ● Tailored communications for all sectors, with clear value propositions for practicing biosecurity ● Integrated and unified system ● Sustainable investments ● Improved capacity and capability ● Understanding and application of shared responsibility ● Effective risk assessment frameworks ● User-friendly system with 'liveable' solutions ● Accountable ● Appropriate regulatory system in place ● Sophisticated emergency response philosophy that balances needs 	<ul style="list-style-type: none"> ● A culture of biosecurity ● Improved data management ● Strong leadership at the local, state and national levels and across sectors ● Agile and flexible ● Incentive structure for community engagement ● Cohesive and coordinated national approach to biosecurity ● Reduced duplication of efforts ● Inclusive ● Strategic use of technology ● Practical avenues for implementation of biosecurity practices

5.4 Engagement

To facilitate communication between key participants a Stakeholder Contact List (of those stakeholders who wished to be included) has been developed and can viewed at Appendix C. This will be updated quarterly by the Decade of Biosecurity Coordinator and redistributed to stakeholders.

5.5 Activities

A communications and engagement plan for the Decade of Biosecurity is being developed along with a branding refresh, stakeholder pack and key messages to ensure consistency of messaging and identification of opportunities to share and amplify communications with project partners and other stakeholders.

APPENDIX A: RISK ASSESSMENT

Risk matrix

The risk matrix in Table 7 helps to calculate the level of risk by finding the intersection between the likelihood and the consequences. This calculation will be used to assess risks facing the Decade of Biosecurity Project during the implementation of this Plan.

Table 7: Risk matrix

Likelihood	Consequence				
	Insignificant	Minor	Moderate	Major	Severe
Almost Certain	Medium	High	Extreme	Extreme	Extreme
Likely	Medium	Medium	High	Extreme	Extreme
Possible	Low	Medium	Medium	High	Extreme
Unlikely	Low	Low	Medium	Medium	High
Rare	Low	Low	Low	Medium	Medium

Risk register

Table 8 outlines key risks that have been identified for the Plan, with proposed mitigation strategies.

Table 8: Risk register

Risk	Likelihood	Impact	Risk rating	Mitigation
Implementation risk: Insufficient investment/resourcing to progress the Plan's objectives	Possible	Major	High	<ul style="list-style-type: none"> - Budget to be developed to progress the Plan's objectives - Development of Plan was done in consultation with stakeholders to encourage buy-in and seek funding opportunities - Regular assessment of workforce capability and capacity
Implementation risk: Political and government election cycles leading to changing national/state/territory priorities impacting on project progress	Likely	Moderate	High	<ul style="list-style-type: none"> - Development of the Plan was done in consultation with biosecurity stakeholders across sectors to achieve broad buy-in - Trigger points have been developed allowing for regular touch points - A stakeholder matrix has been developed within this Plan, identifying key stakeholders and their level of influence/interest in the Plan - Inform key ministers and major political parties of progress.
Stakeholder management risk: Stakeholders are	Likely	Moderate	High	<ul style="list-style-type: none"> - Development of the Plan was done in consultation with biosecurity stakeholders across sectors to ensure buy-in and

Risk	Likelihood	Impact	Risk rating	Mitigation
confused about where the Decade of Biosecurity fits with other biosecurity initiatives, resulting in disengagement				<ul style="list-style-type: none"> understanding of the Decade of Biosecurity concept The inclusion of projects in the Plan was dependent on their alignment with other biosecurity initiatives, such as the National Biosecurity Strategy.
Implementation risk: Other high priority items or external forces in the operating environment impact the implementation of this Plan	Possible	Moderate	Medium	<ul style="list-style-type: none"> Development of the Plan was done in consultation with biosecurity stakeholders across sectors to ensure the Plan took into account stakeholder priorities Triggers have been identified in Table 5 which provide a course of action in the event of external forces arising that may impact on the Plan.
Implementation risk: Key drivers of the Decade of Biosecurity project leave the project due to natural attrition, resulting in a leadership gap for the Plan	Possible	Moderate	Medium	<ul style="list-style-type: none"> The Decade of Biosecurity Project Steering Group has been involved in all steps of the Plan's development process Build leadership roles across the Steering Group. A National Coordinator for the Project assists with driving the Plan.
Stakeholder management risk: Ineffective stakeholder management by Decade of Biosecurity project partners causes a breakdown in stakeholder relationships, impacting the ability of the Decade of Biosecurity to meet the Plan's objectives	Possible	Moderate	Medium	<ul style="list-style-type: none"> Consultation was undertaken with the federal government to ensure the Plan is aligned with their National Biosecurity Strategy. Stakeholders were provided with multiple opportunities to provide input and feedback on the Plan.
Stakeholder management risk: Stakeholder expectations of the Decade of Biosecurity Project are inflated, resulting in dissatisfaction.	Unlikely	Minor	Low	<ul style="list-style-type: none"> Development of the Plan was done in consultation with biosecurity stakeholders across sectors to ensure buy-in and understanding of the Decade of Biosecurity concept Regular updates will be provided to stakeholders on the Plan's progress Provide mechanism for stakeholder feedback and involvement as the Plan is implemented.

APPENDIX B: M&E PERFORMANCE MATRIX

INTERMEDIATE OUTCOMES	MONITORING QUESTION	DATA SOURCES	TARGETS
1. Australians understanding of biosecurity and their role in the system is enhanced	1.1 To what extent has Australians understanding of biosecurity been improved?	<ul style="list-style-type: none"> Qualitative feedback (positive/negative) 	<ul style="list-style-type: none"> Positive qualitative feedback
	1.2 To what extent do Australians understand their role in the biosecurity system?	<ul style="list-style-type: none"> Qualitative feedback (positive/negative) Survey 	<ul style="list-style-type: none"> Positive qualitative feedback 75% of survey respondents understand their role in the biosecurity system
2. Stakeholders see value in engaging with the Decade of Biosecurity	2.1 To what extent do stakeholders engage with the Decade of Biosecurity?	<ul style="list-style-type: none"> Attendance at Steering Group meetings Enquiries received from stakeholders Newsletter sign-ups Social media engagement rate Qualitative feedback (positive/negative) 	<ul style="list-style-type: none"> At least 50% of steering group members attend meetings At least five enquiries received from stakeholders in regards to leading, co-leading or supporting projects All priority projects have an active project lead Project partners (and broader stakeholders) are actively promoting the Decade of Biosecurity Positive qualitative feedback 500+ newsletter and pledge sign-ups 5% engagement rate on social media
3. Biosecurity initiatives are far-reaching, targeted and impactful	3.1 To what extent has the Decade of Biosecurity amplified biosecurity projects?	<ul style="list-style-type: none"> Case studies Qualitative feedback (positive/negative) 	<ul style="list-style-type: none"> Positive qualitative feedback Two stories of significant change leading to enhancements in biosecurity as a result of the Decade of Biosecurity
4. Investments in biosecurity are targeted and resources deployed more effectively	4.1 To what extent has the Decade of Biosecurity focused investment in priority areas?	<ul style="list-style-type: none"> Qualitative feedback (positive/negative) Financial/project statements/reports 	<ul style="list-style-type: none"> Positive qualitative feedback Additional funding attracted to enhance delivery Number of projects underway within the

	<p>4.2 To what extent has the Decade of Biosecurity produced outcomes for project partners and funders / investors?</p>	<ul style="list-style-type: none"> • Qualitative feedback (positive/negative) • Financial/project statements/reports 	<p>timeframe of the plan (2023-26)</p> <ul style="list-style-type: none"> • Positive qualitative feedback • Additional funding attracted to enhance delivery • Number of projects underway within the timeframe of the plan (2023-26)
--	---	--	--

APPENDIX C: STAKEHOLDER CONTACT LIST

ORGANISATION	KEY CONTACT	EMAIL
Animal welfare		
RSPCA Tasmania	Jan Davis	jdavis@rspcatas.org.au
Community		
Australian Citizen Science Organisation	Annie Lane	chair@citizenscience.org.au
Education		
Sydney Institute of Marine Science/Macquarie University	Nina Schaefer	nina.schaefer@sims.org.au / nina.schaefer@mq.edu.au
The University of Sydney	Daniel Tan	daniel.tan@sydney.edu.au
University of Tasmania	Vaughan Higgins	vaughan.higgins@utas.edu.au
Government		
ACT Government	Bruce Hancocks	bruce.hancocks@act.gov.au
Agriculture Victoria	Katherine Clift	katherine.clift@agriculture.vic.gov.au
Australian Government Inspector General of Biosecurity	Lloyd Klumpp	lloydklumpp@yahoo.com
Commonwealth Department of Agriculture, Fisheries and Forestry	Peta Lane	peta.lane@awe.gov.au
Darling Downs-Moreton Rabbit Board	Craig Magnussen	ceo@ddmrb.org.au
NSW Department of Planning and Environment	Mark O'Brien	mark.o'brien@dpi.nsw.gov.au
NSW Department of Planning and Environment, Parks and Wildlife Service	Hillary Cherry	Hillary.cherry@environment.nsw.gov.au
NT Department of Industry Tourism and Trade (Biosecurity NT)	Lorraine Corowa	Lorraine.corowa@nt.gov.au
QLD Department of Agriculture and Fisheries	Kirsten Phillips	kirsten.phillips@daf.qld.gov.au
SA Primary Industries and Regions – Biosecurity	Nathan Rhodes	nathan.rhodes@sa.gov.au
TAS Department of Natural Resources and Environment (Biosecurity Tasmania)	Andrew Bishop	andrew.bishop@nre.tas.gov.au
Victoria Department of Energy, Environment and Climate Action	Katherine Clift	katherine.clift@agriculture.vic.gov.au
WA Department of Primary Industries and Regional Development	Victoria Aitken	victoria.aitken@dpird.wa.gov.au
Invasives/pests/weeds		
Centre for Invasive Species Solutions	Andreas Glanznig	Andreas.Glanznig@invasives.com.au
Invasive Species Council	Andrew Cox	andrewcox@invasives.org.au
Land, water and resource management		
Alinytjara Wilurara Landscape Board	Kim Krebs	aw.landscapeboard@sa.gov.au
Landcare ACT	Karissa Preuss	ceo@landcareact.org.au
Landcare Australia	Melissa Higgins	melissa.higgins@landcareaustralia.com.au
Landcare Australia	Karen Walsh	karen.walsh@landcareaustralia.com.au
Landcare Victoria Inc.	Andrew Maclean	andrew.maclea@landcarevictoria.org.au

ORGANISATION	KEY CONTACT	EMAIL
Landcare NT	Emily Raso	manager@landcarent.org.au
Landcare Tasmania Inc.	Peter Stronach	support@landcaretas.org.au
National Landcare Network	Jim Adams	CEO@nlm.org.au
NRM Regions Australia	Kate Andrews	kate@nrmregionsaustralia.com.au
NRM Regions Queensland	Chris Norman	chris@nrmrq.org.au
Queensland Water and Land Carers Inc	Darryl Ebenezer	Darryl@qwalc.org.au
The Derwent Catchment Project	Josie Kelman	josie@derwentcatchment.org
Livestock		
Animal Health Australia	Kathleen Plowman	ceo@animalhealthaustralia.com.au
Animalplan	Kylie Hewson	animalplan@agriculture.gov.au
Australian Livestock & Property Agents Association Ltd	Peter Baldwin	ceo@alpa.net.au
Peak body		
Australian Organic Limited	Josefine Pettersson	Josefine.pettersson@austorganic.com
Australian Veterinary Association	Cristy Secombe	cristy.secombe@ava.com.au
Cotton Australia	Adam Kay	adamk@cotton.org.au
Freight & Trade Alliance	Sal Milici	SMilici@FTAlliance.com.au
Future Farmers Network	Adele Laughton	adele.laughton@futurefarmers.com.au
GrainGrowers	Sam Nelson	sam.nelson@graingrowers.com.au
Hort Innovation	Greg Chandler	Greg.Chandler@horticulture.com.au
National Farmers Federation	Alkira Remaj	ARemaj@nff.org.au
NSW Farmers	Annabel Johnson	johnsona@nswfarmers.org.au
Tasmanian Seafood Industry Council	Julian Harrington	tsic@tsic.org.au
WA Farmers	Trevor Whittington	trevorwhittington@wafarmers.org.au
International Forwarders and Customs Brokers Association of Australia Ltd	Brad Leonard	bleonard@ifcbaa.com

ORGANISATION	KEY CONTACT	EMAIL
Plant		
Plant Health Australia	Sarah Corcoran	scorcoran@phau.com.au
Queensland Fruit & Vegetable Growers	Rachel Chambers	rchambers@qfvg.com.au

NB: stakeholder details have been included with permission from the key contacts.

APPENDIX D: POTENTIAL PARTNER PROJECTS

Potential Partner Project One



Overview

Category	Trailblazer
Timeframe	This is a one-year project.
Project lead	Lead/s required
Project support	<ul style="list-style-type: none"> Invasive Species Council
Description	Research the potential costs to the environment and our way of life if we do not transform the biosecurity system to meet the challenges of 2030, similar to how the economic impacts are calculated for an outbreak of foot-and-mouth disease.
Key insights	<ul style="list-style-type: none"> Refer to CEBRA 'Valuing Australia's Biosecurity System' analysis.
M&E outcome	<ul style="list-style-type: none"> Outcome 1: The biosecurity system is stronger, more integrated and more efficient.
National Biosecurity Strategy alignment	Priority area 3: Stronger partnerships. Priority area 4: Sustainable investment.

Activities

Task	Timeframe	Responsibility	Tracking
Commission economic analysis of potential costs to environment based on business-as-usual biosecurity trajectory			
Develop mapping tools to illustrate impacts of pests on environment and environmental services			
Advocate for development of a competent set of national			

environmental economic accounts			
Assess economic impact of risk-creators			

Potential Partner Project Two



Overview

Category	Booster
Timeframe	This is a two-year project
Project lead	Lead/s required
Project support	Project support/s required
Description	Conduct an audit of current skills and capabilities in the biosecurity sector and identify gaps. This will support the development of a succession planning program to ensure the biosecurity system has the skilled resources required for the future.
M&E outcome	<ul style="list-style-type: none"> • Outcome 1: The biosecurity system is stronger, more integrated and more efficient. • Sub-outcome 2: Increased detection rates and reduction in incursions.
National Biosecurity Strategy alignment	Priority area 2: Highly skilled workforce. Priority area 3: Stronger partnerships. Priority area 5: Coordinated preparedness and response.

Activities

Task	Timeframe	Responsibility	Tracking
Conduct an audit of current skills and capabilities at a national level			
Prepare a report on the findings of this audit			
Develop a succession planning program to address findings of audit			
Consult with stakeholders to seek involvement in solutions to skill gaps/shortages. Potential ideas include: <ul style="list-style-type: none"> ○ Further education about biosecurity and related roles in education system 			

<ul style="list-style-type: none"> ○ Greater agricultural presence at universities ○ Mentoring programs in government, industry and community organisations to support the transfer of skills across employees 			
<p>Develop a national register of skills/strengths and resources – a one stop shop where people or organisations can find people willing to share their skills, knowledge and who are open to collaboration, and resources people can utilise to further educate themselves.</p>			

Potential Partner Project Three



Overview

Category	Trailblazer
Timeframe	This is a three-year project
Project lead	Lead/s required
Project support	<ul style="list-style-type: none"> Plant Health Australia
Description	Create consistent standards and a common language for data collection across sectors. Create a central repository for all biosecurity data that is available to all stakeholders. Could be used for alerts or a real-time dashboard of information that stakeholders can use to make decisions.
Key insights	<ul style="list-style-type: none"> Plant Health Australia can support the allocated project lead.
M&E outcome	<ul style="list-style-type: none"> Outcome 1: The biosecurity system is stronger, more integrated and more efficient. Sub-outcome 2: Increased detection rates and reduction in incursions.
National Biosecurity Strategy alignment	Priority area 1: Shared biosecurity culture. Priority area 2: Stronger partnerships. Priority area 3: Sustainable investment. Priority area 5: Coordinated preparedness and response. Priority area 6: Integration supported by technology, research and data.

Activities

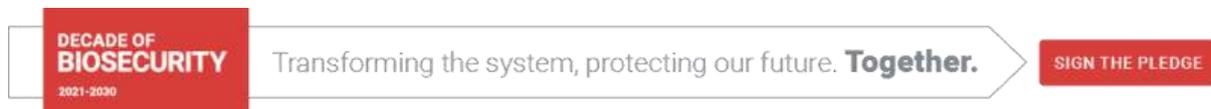
Task	Timeframe	Responsibility	Tracking
Explore legislative requirements, privacy impacts of data-sharing			
Conduct an audit of current data collection mechanisms and systems across jurisdictions, from all sectors			
Develop common metadata standards for biosecurity sector to apply to the data repository			

Assess whether data repository will be financially and legally feasible to implement			
--	--	--	--

For further information on the Decade of Biosecurity or to explore opportunities to be involved please contact

hello@biosecurity2030.org.au

or sign the pledge to keep informed and show your support.



Lead Project Partners

