



Better Border Biosecurity (B3) And Where Everything Fits

Dr David Teulon (B3 Director)

13th Annual FOA/MPI Forest Biosecurity Workshop

25 February 2015



B3

Science Solutions for
BETTER BORDER BIOSECURITY
www.b3nz.org

Biosecurity: A Government Priority



B3

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Better Border Biosecurity (B3)

B3's vision

... a world-leading source of science-based solutions for the border biosecurity challenge supporting and protecting the competitiveness of export industries and unique terrestrial ecosystems ...

B3



Plant & Food Research

AgResearch

Scion

Landcare Research

Bio-Protection RC

Min. for Primary Industries

Dept. of Conservation

Forest Owners Assn.



The Biosecurity Jigsaw

AGR

Scion

GIA

NZBH

HUB

LCR

BPRC

FOA

EPA

Cebra

PFR

MPI

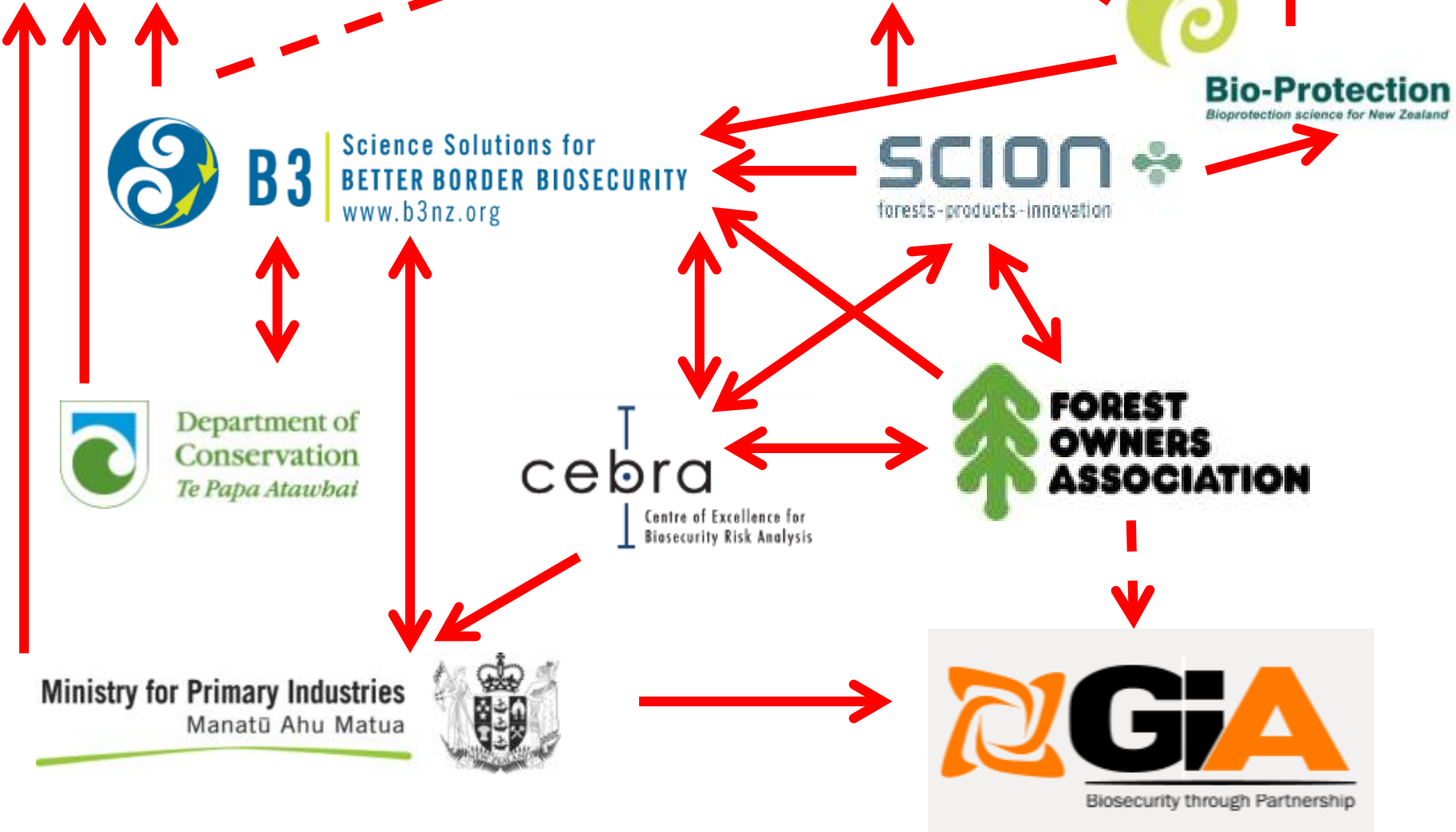
B3

DoC

THE LINCOLN HUB

DECEMBER 2014

New Zealand's Biological Heritage

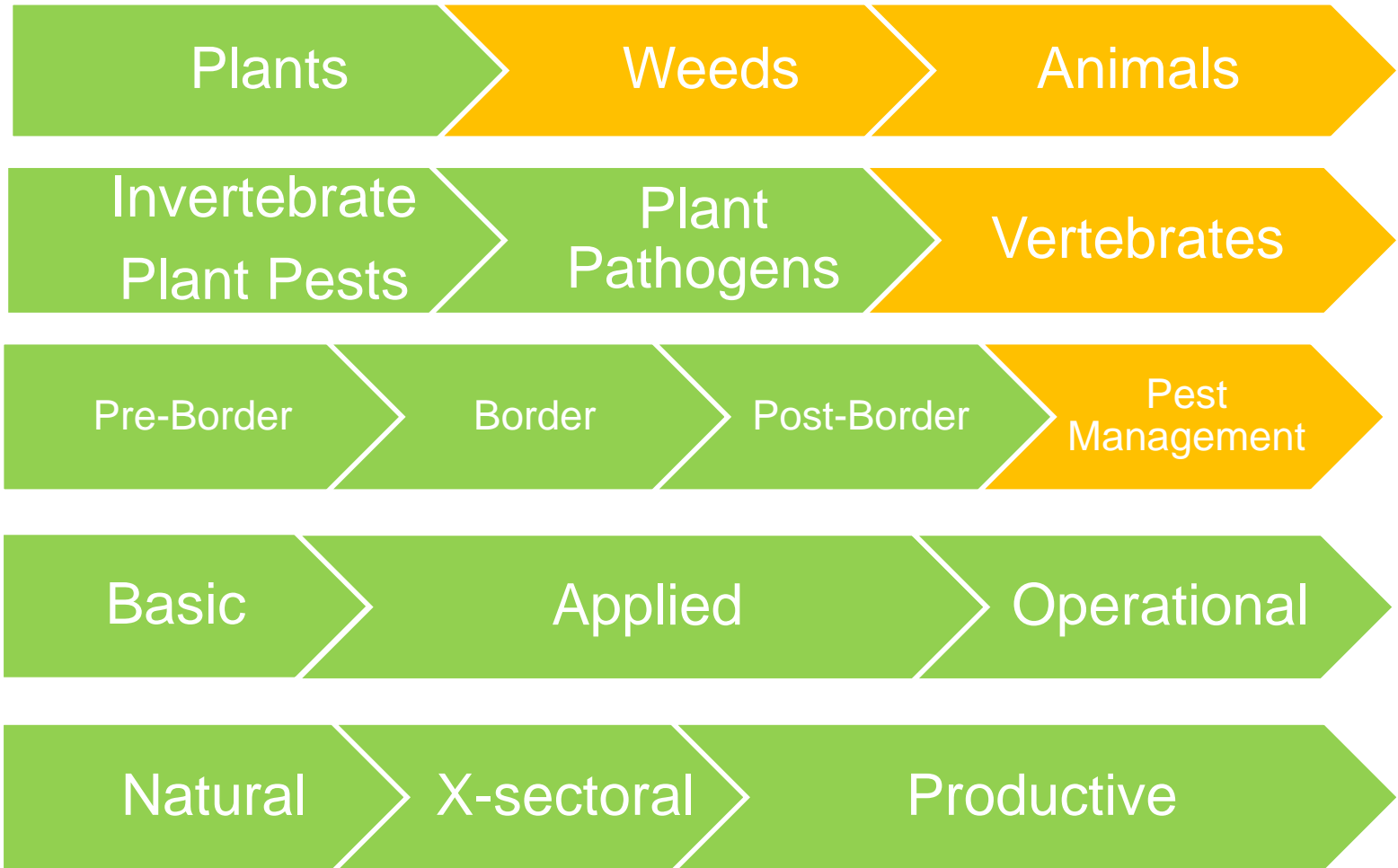


Better Border Biosecurity

- Collaboration between CRIs plus BPRC (LU)
 - Utilises CRI core funding (subcontract to LU)
- Primary end-users: MPI, DoC, FOA (EPA observer)
- Strategic Governance: Collaboration Council
 - Independent chair plus member representatives
- Operational: Director and 5 Theme Leaders (+LCR rep.)
 - Science: 22 projects and 23 FTEs
 - MPI, DoC, FOA, EPA as theme/end user representatives



What is B3?



B3

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What does B3 do?

B3's research themes

1. Risks: what are the pests and diseases of risk to NZ?
2. Pathway risk management: what are the high risk pathways and how to close/manage them?
3. Diagnostics: can we categorize them when they get here?
4. Surveillance: can we improve the tools to detect incursions as early as possible?
5. Eradication: can we improve the tools to increase our chances of their eradication?

New Zealand's Biological Heritage

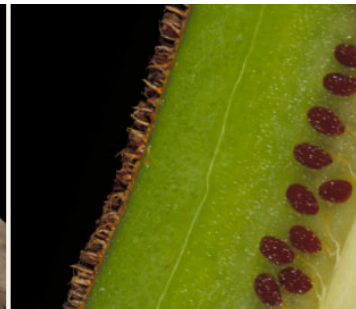
Mission:

Reverse the decline of NZ's biological heritage, through a national partnership to deliver a step change in research innovation, globally leading technologies and community and sector action (10 yr challenge)

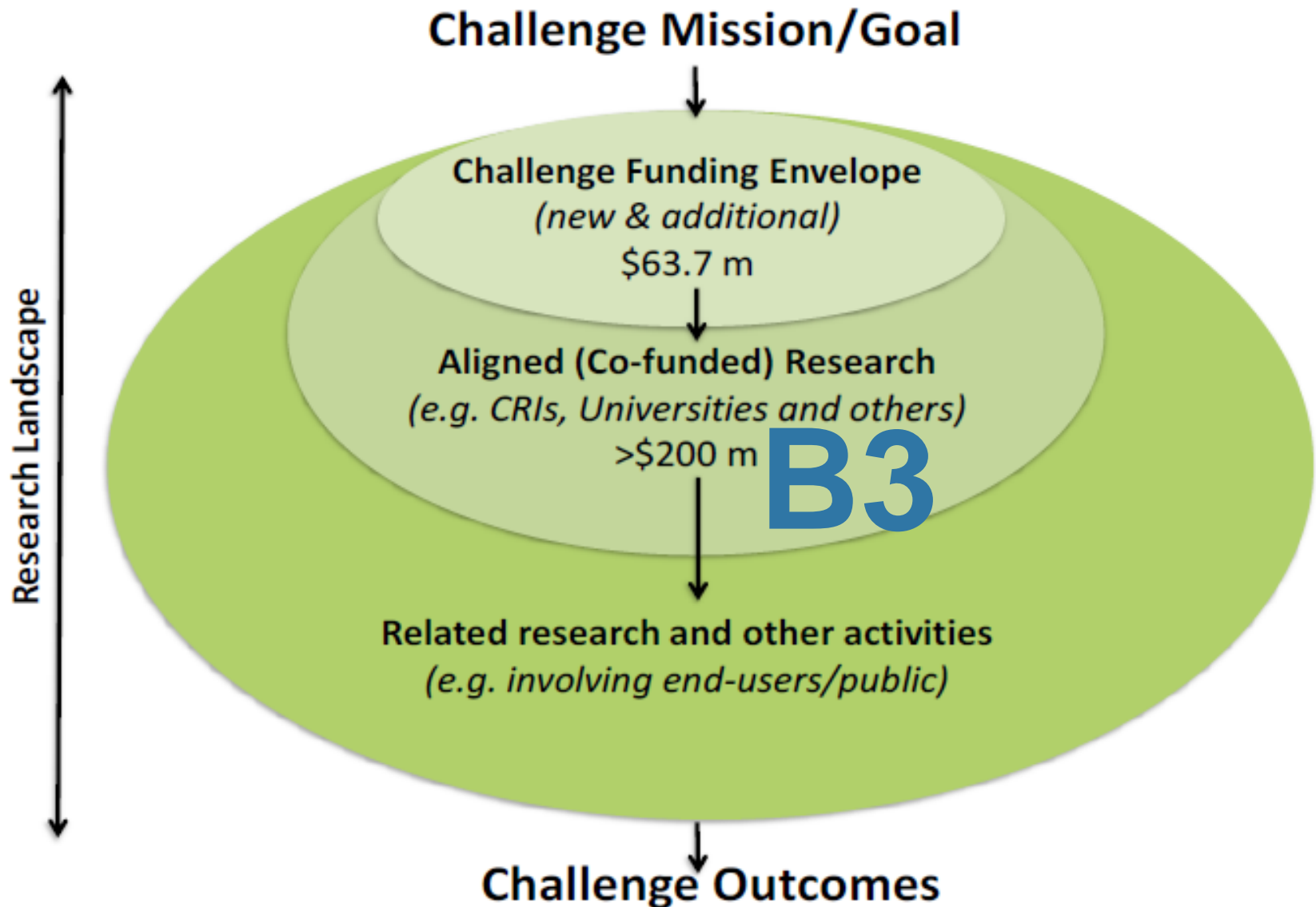
- Links biosecurity failure to biodiversity loss

Includes: all NZ CRIs, all NZs Universities, many stakeholders

- 36 agencies signed a Heads of Agreement
- B3 (aligned thru CRI partners), Scion, FOA?



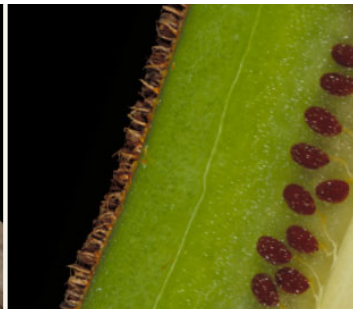
New Zealand's Biological Heritage



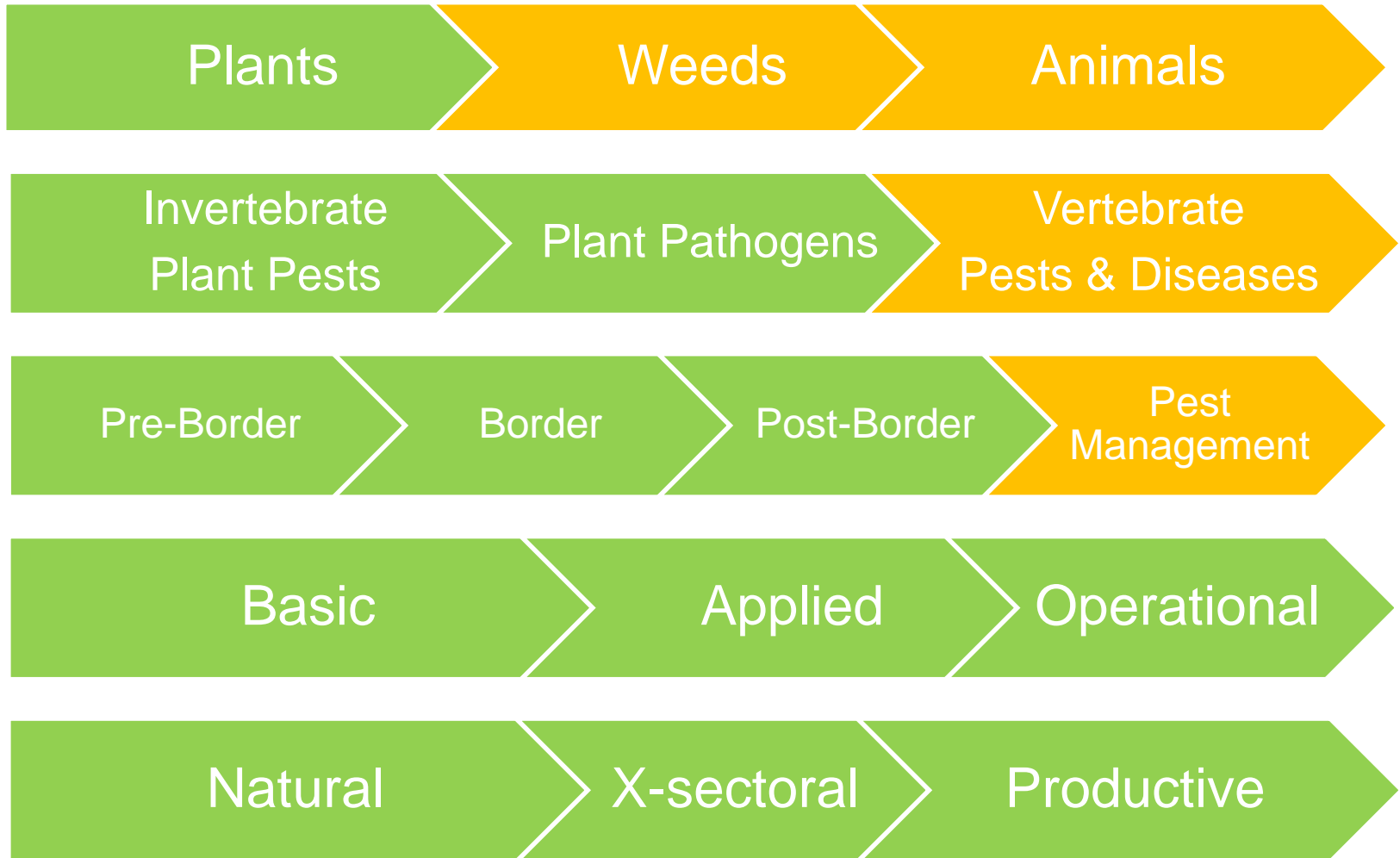
New Zealand's Biological Heritage

Three research programmes

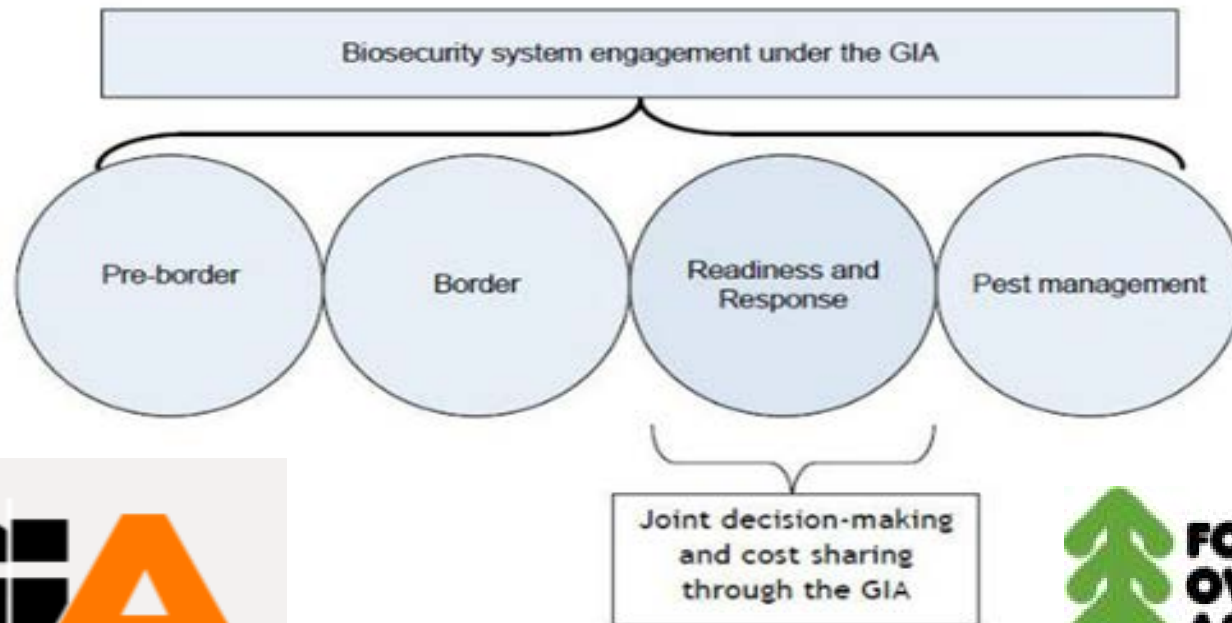
- Deliver real-time, 'what is where', biological heritage information to support real-world decision making
- Significantly reduce the threats posed by unwanted pests and invasive organisms across landscapes
- Build resilient ecosystems to sustain natural capital in the face of environmental change



New Zealand's Biological Heritage

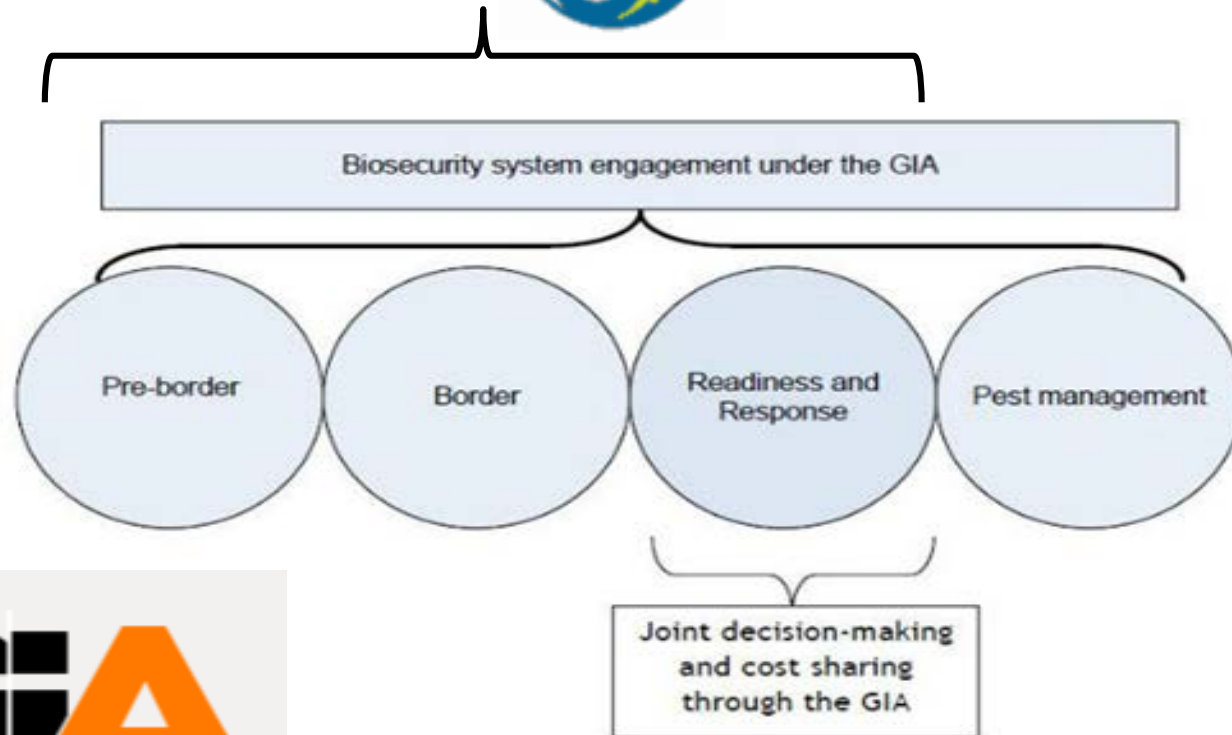


Government Industry Agreement (GIA)




Government Industry Agreement (GIA)

B3  (=NZBH)



Government Industry Agreement (GIA)

- Current B3 end-users/stakeholders

 B3	
	Min. for Primary Industries
	Dept. of Conservation
Forest Owners Assn.	

Government Industry Agreement (GIA)

- Future B3 end-users/stakeholders?

 	GIA
	Min. for Primary Industries
	Pipfruit NZ
	Kiwifruit Vine Health
	Forest Owners Assn.?
	Other sector signatories?
	Dept. of Conservation

The Biosecurity Jigsaw (completed)

**New Zealand's
Biological Heritage**

SCION

B3

FOA

MPI

GIA





NOW THAT'S
A TERRORIST!

GIDDAY
MATE!

Al Wieser

Questions



Landcare Research
Manaaki Whenua



Bio-Protection
Bioprotection science for New Zealand

Ministry for Primary Industries
Manatū Ahu Matua



Department of
Conservation
Te Papa Atawhai



Environmental Protection Authority
Te Mana Rauhi Taiao



Department of
Conservation
Te Papa Atawhai



Biosecurity through Partnership



Bio-Protection
Bioprotection science for New Zealand

Ministry for Primary Industries
Manatū Ahu Matua



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DECEMBER 2014



**FOREST
OWNERS
ASSOCIATION**

cebra

Centre of Excellence for
Biosecurity Risk Analysis



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SCION

forests - products - innovation

New Zealand's Biological Heritage