Usage of the FeralScan platform by communities and pest controllers in NSW

Pete West, Grace Proudfoot, Lucy Collingridge, Abby Hine

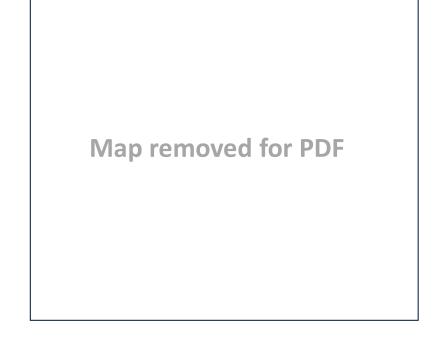
Vertebrate Pest Research Unit











This presentation may contain sensitive information, or pest reports - Please do not copy or share the content.

Acknowledgments



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Department of Primary Industries and Regional Development



Good Neighbours Program









Objectives



- 1. Provide an accessible free resource to help anyone monitor and document introduced pest animals, pest damage and control activities, to inform local management.
- 2. Promote farmers, landholder groups, pest controllers and biosecurity stakeholders to collaborate with monitoring and control of pests.
- 3. Share data with relevant biosecurity groups to guide management.
- 4. Connect people to control programs, resources, best practice toolkits, services, support, & RDE innovations.







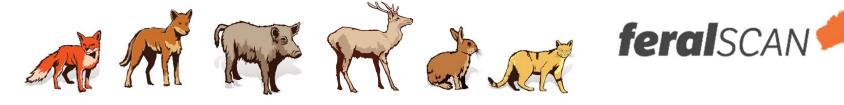




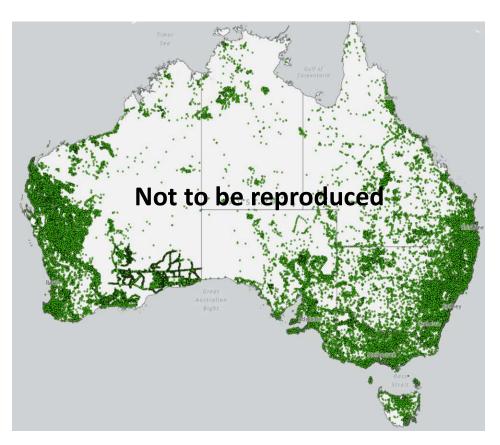




Overview:







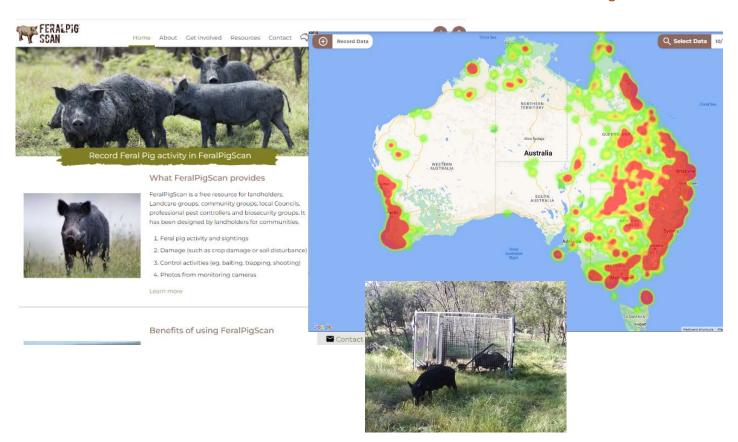
- National resource, managed by DPIRD & CISS.
- Designed by community & pest managers.
- Data is managed securely (privately)
- Covers 20+ species.
- Contains 490K reports, 90K photos.
- 54,000 users, approx. 4,500 in private groups
- 350 active private groups
- 3,500 Govt users (Aust)

www.feralscan.org.au

Interactive website and maps

Mobile App





We manage all data carefully and responsibility (esp. sensitive data)

Information people are recording:

<u>All</u> sensitive species data is managed privately, securely, confidentially.







Sightings

Damage

Control

Community work together to make decisions based on their own observations to control pests.





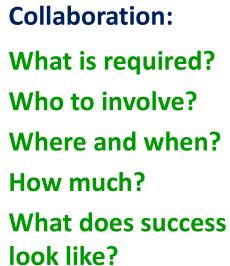




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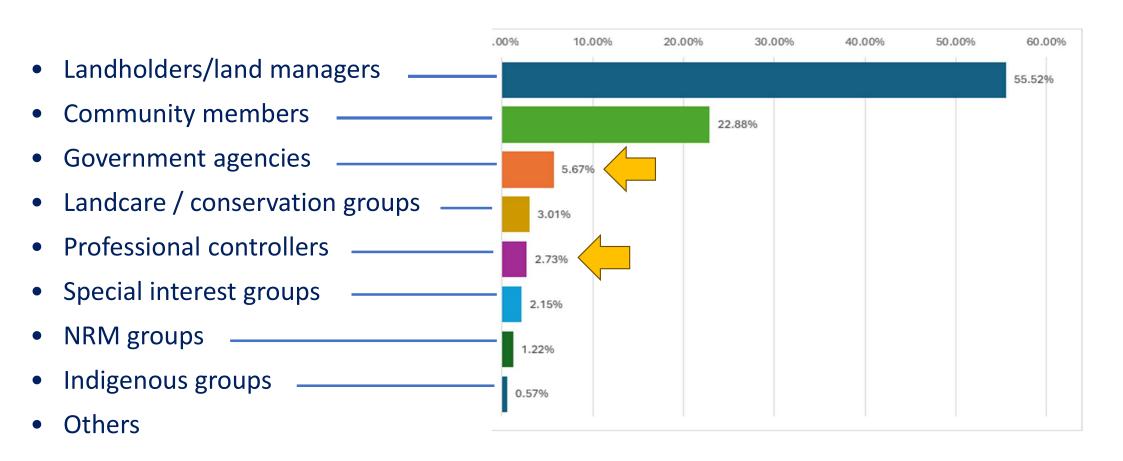








Stakeholder categories - Who is recording information (user survey)





Individual landholder recording observations locally



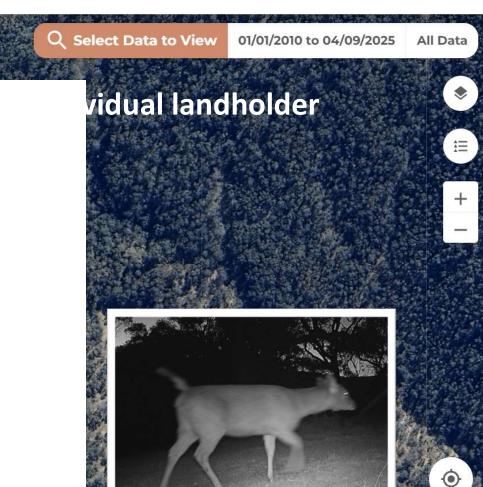






Deer species: Fallow Deer Number seen: 2 Sighting type: Live deer observed Age: Juvenile

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shortcuts Imagery ©2025 Airbus, CNES / Airbus, Maxar Technologies Terms Report a map error

Central Tablelands LLS Freemantle pest animal group
Wild dogs, plus feral pigs and deer
45 landholders working together to monitor & control

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North West LLS – Burindi (31 landholders and LLS monitoring and trapping feral pigs)





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Communication between many people quickly - Alert Notifications help to keep everyone informed about pest activity



Record Sighting
Record Damage
Repeat Damage
Record Control
Profile Website

Feral SCAN

Feral SCAN

Feral SCAN

Feral SCAN

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Feral SCAN

Inform the landholder group, Agencies, PAC (defined by group)



Data managed securely

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All records in NSW

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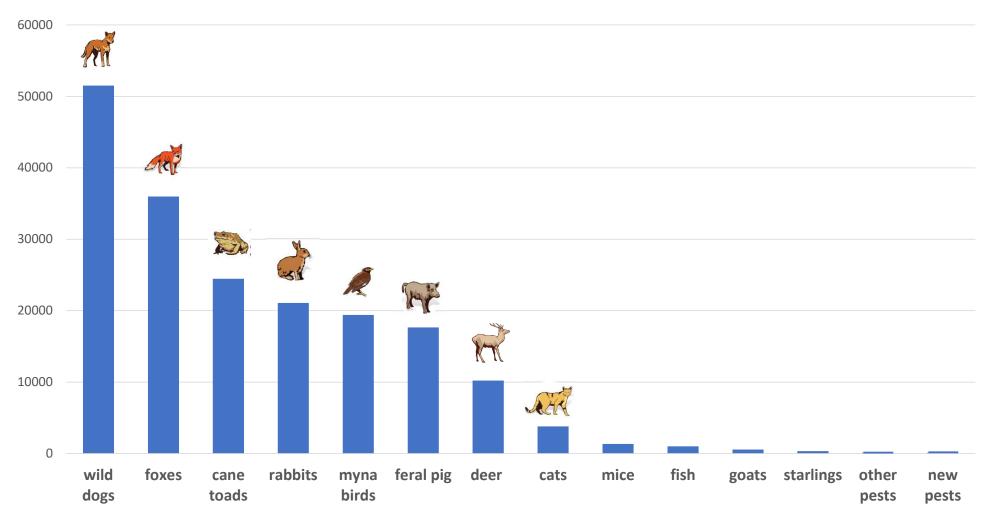
NSW Records 187,694

- 14,498 registered users
- 7,883 casual users

In the past 3 years:

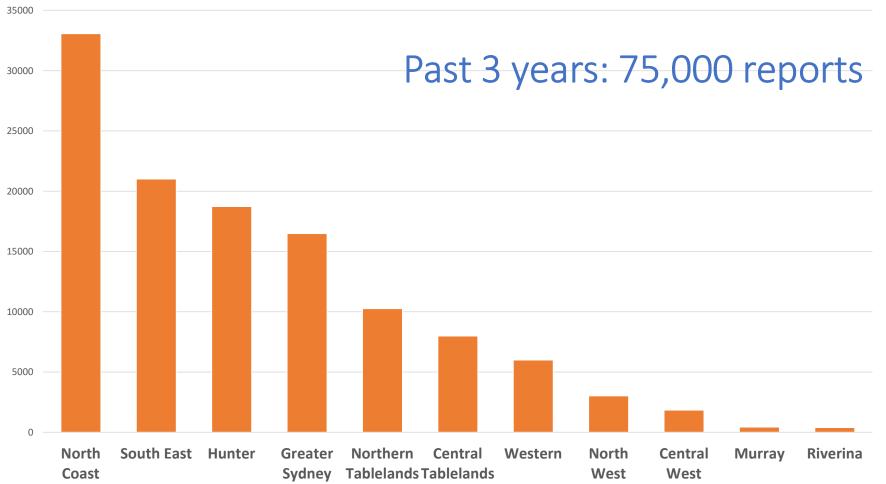
- 6,833 new accounts
- 7,450 recorded data.

NSW Records — 187,694 (species)



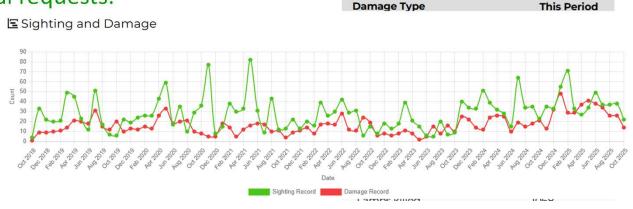
NSW Records — 187,694 (LLS regions)





Northern Tablelands LLS – Case study (Mark Tarrant)

- ✓ Essential platform for landholder engagement
- ✓ Focus is Wild Dogs > Feral Pigs > Feral Deer, and Cane Toads (alert species).
- √ 40+ private groups (WDCA, feral pig groups, etc).
- ✓ Community reports shared with LLS staff trigger a response.
- ✓ PAC's use it, and Staff enter reports for landholders when required.
- ✓ Pest control activities communicated back to community.
- ✓ Assists with annual reporting, debrief meetings, responding to Ministerial requests.
 Damage Type



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Hunter LLS - Case study - Wild dog and feral pig management programs

- ✓ Fundamental to wild dog and pig programs
- ✓ PACs record all data about their activities All visible to Manager/Staff
- ✓ Community reports shared with LLS staff and PAC, to help identify and target problem areas
- Collect data across tenures (multiple stakeholders)
- ✓ Used for reporting on pest programs

E Sighting and Damage

✓ Multiple community-driven and mining groups.





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# 100 80 80 40 40 40 40 40 40 40 40 40 40 40 40 40	
Date Sighting Record Damage Record	

This Period
1810
8377
166
6
6805
1262

Damage Type	This Period
lumber of damage records	526
lumber of animals killed	1820
Cattle killed	21
Calves killed	148
Farm Dogs killed	3
Domestic animals killed	87
Goat killed	49
Goat kids killed	10
Lambs killed	326





Greater Sydney LLS – Case study (Annaliese Geddes)

- ✓ Strategic planning and prioritisation
 - Identify emerging hotspots for control programs
- ✓ Collaboraton and engagement
 - Share information & coordinate control with stakeholders
 - Demonstrate benefits from community surveillance
- ✓ Evaluation and refinement
 - Measure trends in pest reporting, and improve programs
- ✓ Communication, awareness-raising, education
- ✓ Reporting Support applications to fund essential control













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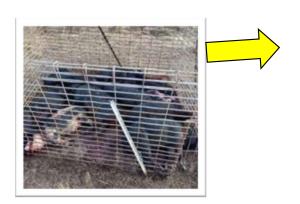


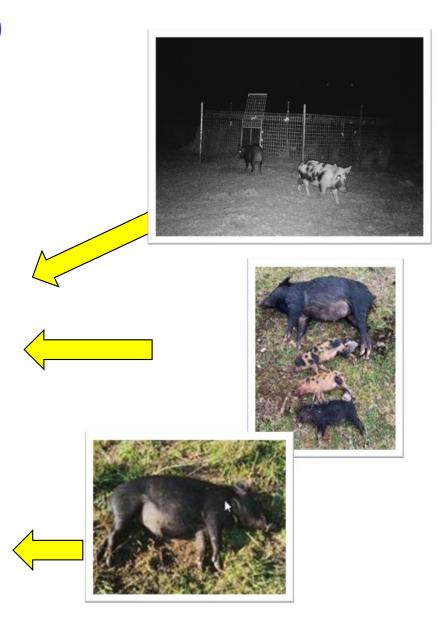
Greater Sydney LLS – Case study (Annaliese Geddes)

• Megalong feral pig control program

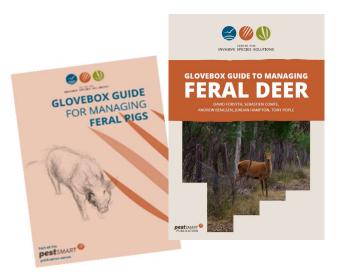


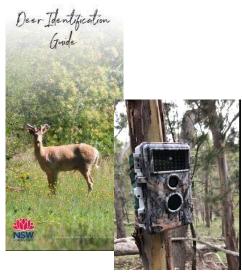
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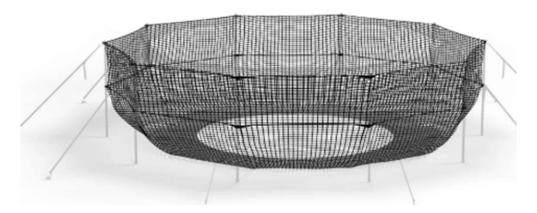


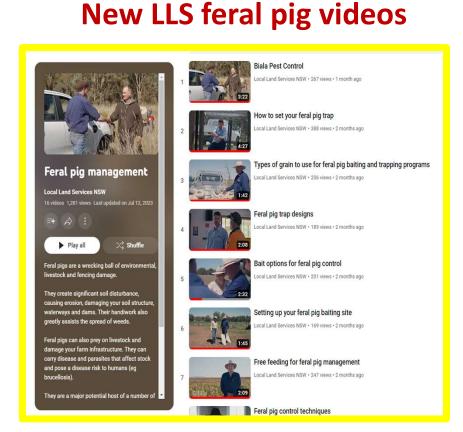


Connect people to practical resources, new products, research outputs, innovations, agencies











Support we provide

- Workshops and field days
- Assist people use platform, and private groups
- Setup and manage alerts for users/groups
- Data Access and Notifications for Govt staff
- Provide dashboards for groups (incl. LLS)
- Connect people to groups and programs.

Next steps

- √ 3-4 year collaboration with CISS Platform upgrade
- ✓ Good Neighbours Program support Data sharing
- ✓ Continue to support users and groups to join pest control programs, access resources, adopt innovations.











