



Australian Government  
Department of Home Affairs

# Creating AI Governance Frameworks That Work

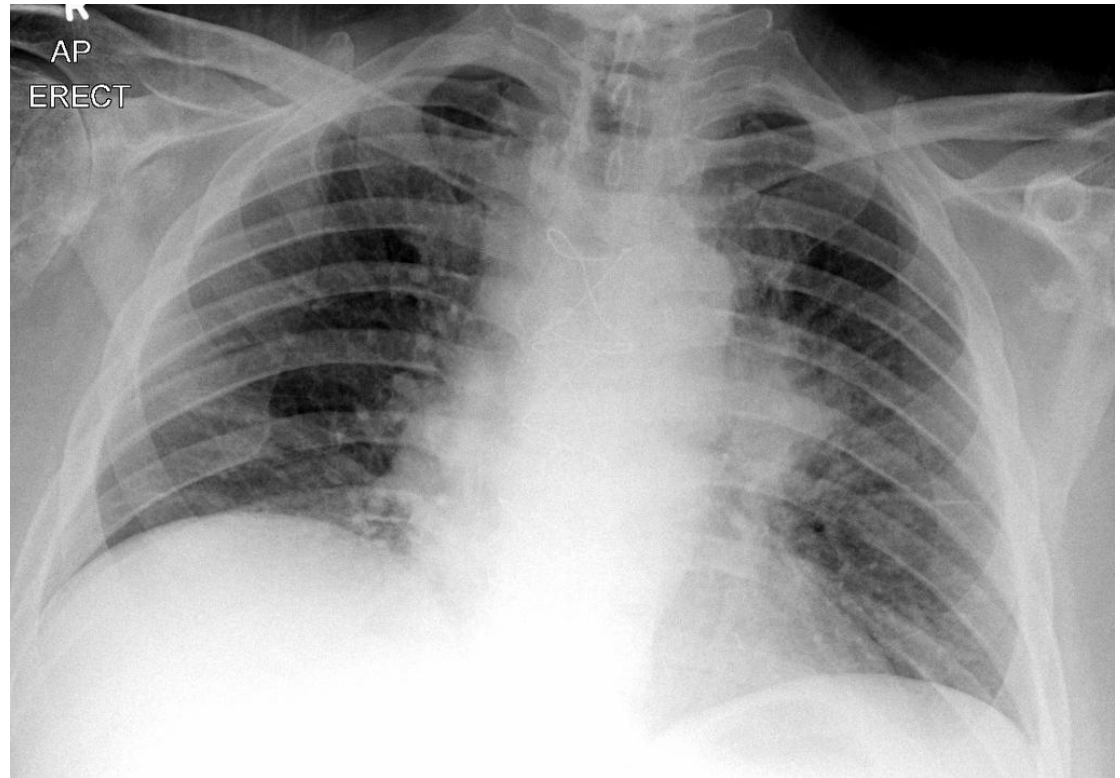
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Presenter: Rohan Samaraweera, Senior Director, Data Science  
Branch, Data Division

# Case Study: When AI Goes wrong

## Who is Responsible?

- X-ray AI diagnoses of cancer consistently underperforms outside core demographic
- Bias traced to training data from limited population
- Multiple actors—no clear accountability



# Key points



1. AI Governance is good business



2. AI Governance is everyone's responsibility



3. Robust governance enables innovation (*if well executed*)

# Governance is Good Business



Not a brake. It's a steering wheel.



Drives impact in high-stakes environments



Builds public trust and reduces downstream risks

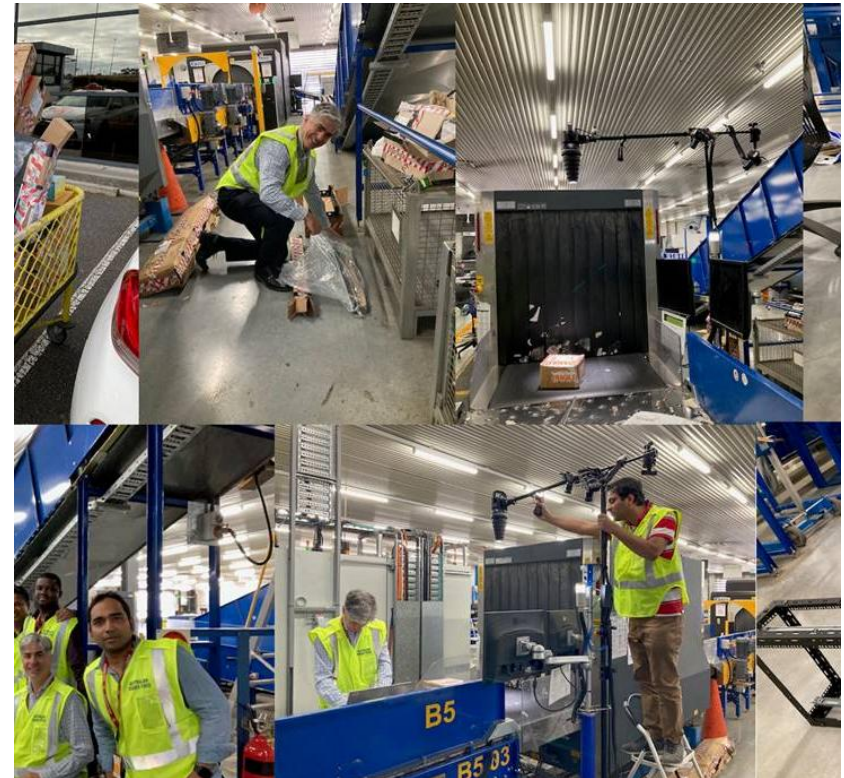


Ensures AI solves the right problems for the right people

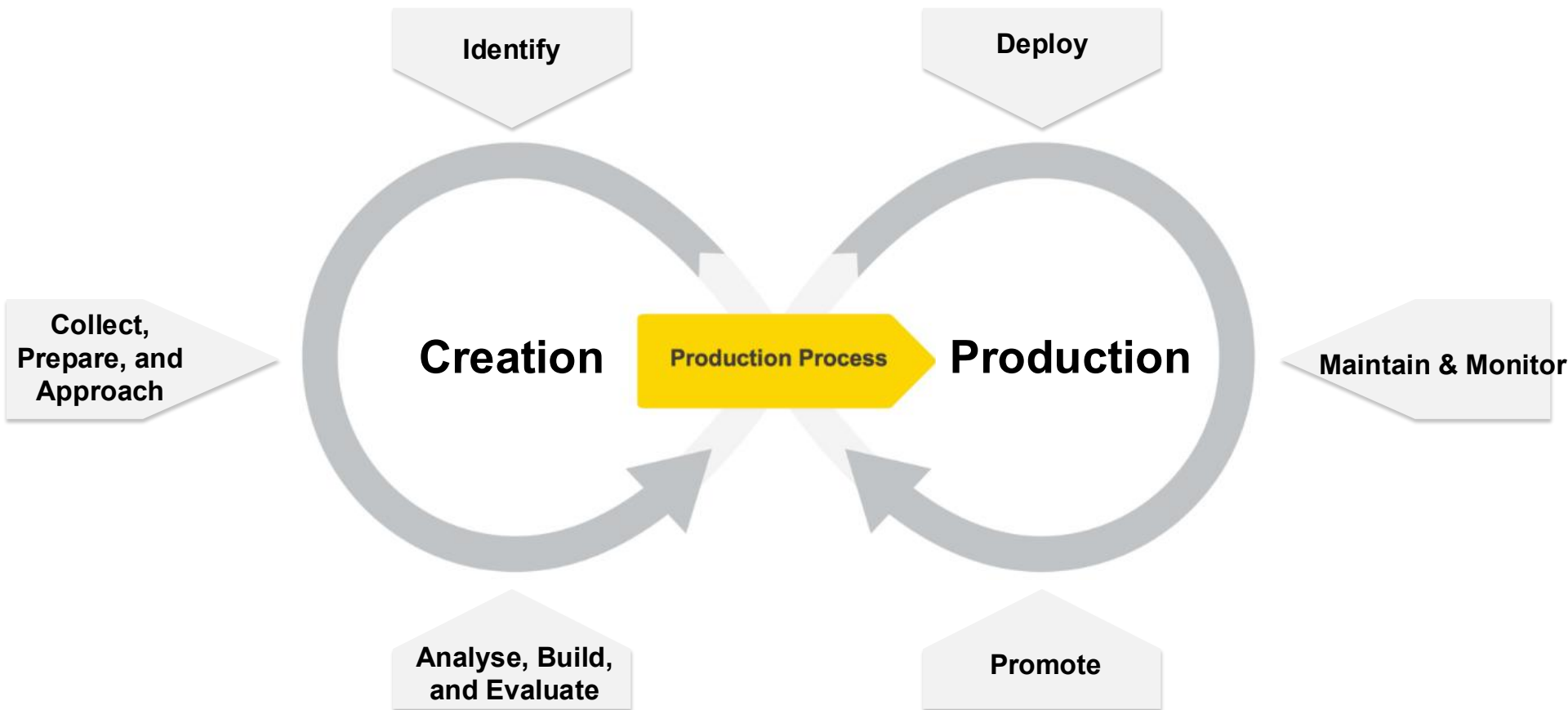
# Everyone Has a Role

From ideation to deployment to use

- Leaders – define problems, own risk, set vision
- Technologists – manage fairness, transparency, explainability
- Users – ask questions, provide feedback

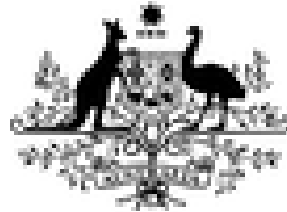


# Governance tool - AI Lifecycle



# Tools You Can Use

- Australian AI Ethics Principles
- Technical Standard for AI in Government
- NIST AI RMF (US)
- ISO 42001 AI Management System Standard
- Practical artefacts: Model cards, datasheets



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# NIST





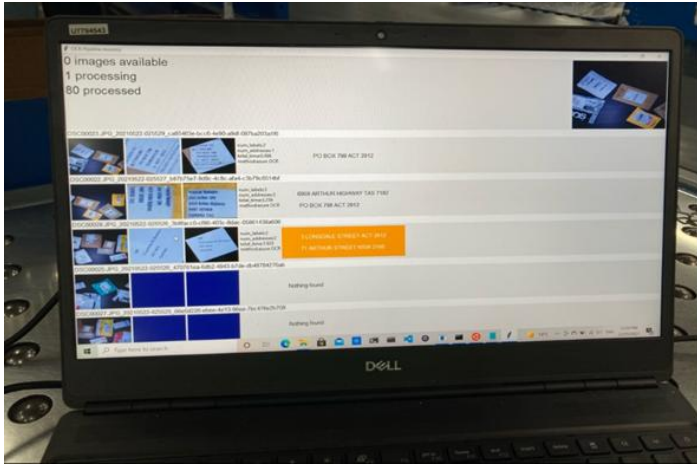
# From Policy to Practice

- Stage-gated oversight
- Lifecycle documentation
- Early operational engagement
- Ownership across delivery ecosystem





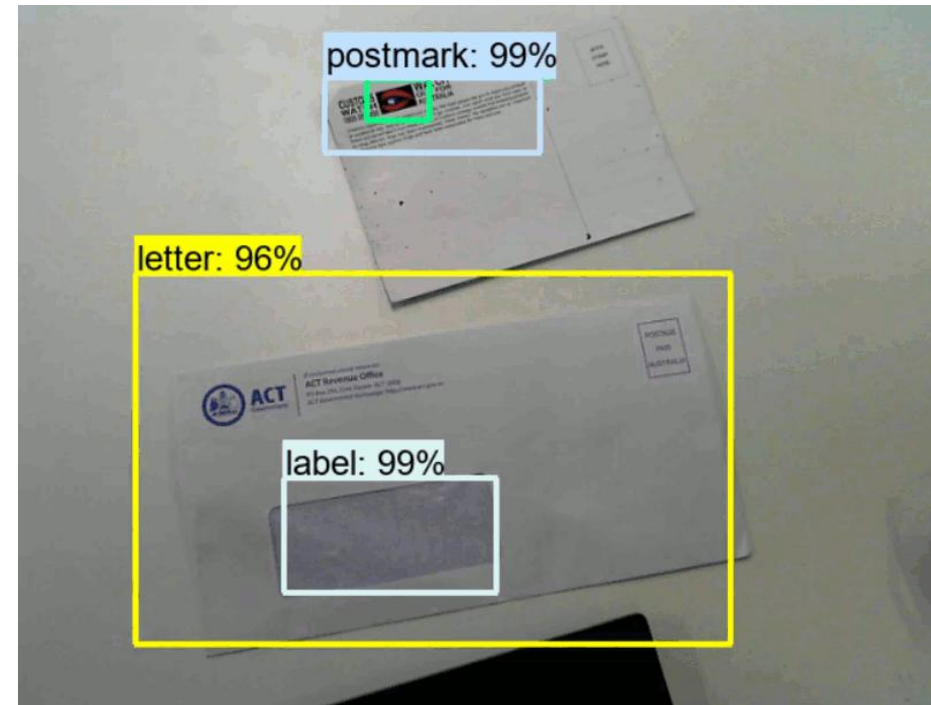
# Integration, Lifecycle, Transparency



- Integration – Build governance in, not bolt on
- Lifecycle Mindset – Monitor and adapt continuously
- Transparency – Show your work, earn trust

# Governance as an enabler

- Treat governance as a leadership issue
- Assign ownership across the lifecycle
- Use governance to accelerate trust and improve performance, not 'box check'
- Make governance a driver of innovation and transformation





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# Thankyou

Rohan Samaraweera  
Senior Director, Data Science & Applied AI  
Department of Home Affairs