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## **Audit Committee Chairs briefing**

2 December 2025

- Queensland
- Audit Office

Better public services

## Today's agenda

#### **Auditor-General's welcome and address**

Rachel Vagg, Auditor-General

#### 2025 Status of Auditor-General's recommendations

Joel Cooper, Director

#### Addressing technology risks

Damon Olive, AAG – Financial Audit

#### Information systems and controls

Sumi Kusumo, Senior Director

### Recent reports and what's ahead on our Forward work plan

Joel Godwin, Senior Director

#### Other key updates

Damon Olive, AAG – Financial Audit

#### **Closing remarks**

Damon Olive, AAG – Financial Audit





## **Acknowledgement of country**

I begin today by respectfully acknowledging the Yugara and Turrbal People who are the Traditional Owners of the land on which this event is taking place, and Elders past and present.

I also recognise those whose ongoing effort to protect and promote Aboriginal and Torres Strait Islander cultures will leave a lasting legacy for future Elders and leaders.







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## **Auditor-General's address**

Rachel Vagg, Auditor-General

- Queensland
- Audit Office

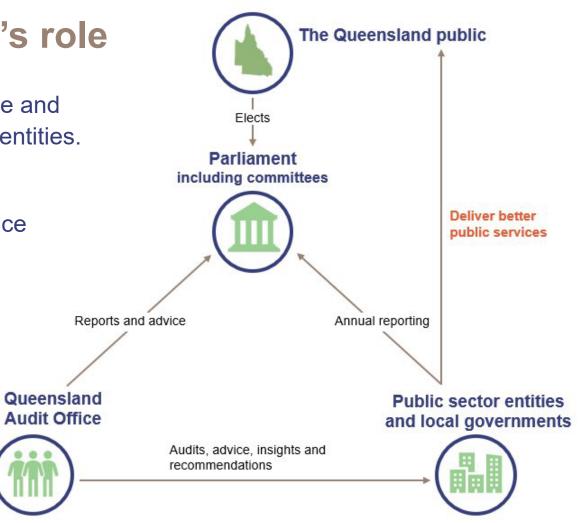
Better public services



## An overview of QAO's role

- ➤ The independent auditor of state and local government public sector entities.
- Overseen by the parliamentary Governance, Energy and Finance Committee.

Our work can have a lasting impact. It's about making sure public money is being spent well and that Queenslanders receive the services they need and expect.





## Our team



Rachel Vagg

Auditor-General



**Patrick Flemming** 

Deputy Auditor-General



Damon Olive

Assistant Auditor-General Financial Audit



Darren Brown

Assistant Auditor-General Performance Audit



Georgina Crundell

Assistant Auditor-General Technology Audit

## Increasing our focus on:

- ✓ public sector risk and response
- ✓ technology risk
- ✓ client experience

## Industry-led senior directors

Bhavik Deoji – education

**Brydie Morris** – public finance

**David Adams** – general government

David Toma - health

**Irshaad Asim** – energy

**Sri Narasimhan** – local government

**Vaughan Stemmett** – infrastructure and transport

Sumi Kusumo – information systems

Joel Godwin – performance audit



# Recently tabled and upcoming reports

#### Reports tabled this Financial Year

- ✓ 2025 Status of Auditor-General's recommendations
- Managing the ethical risks of artificial intelligence
- ✓ Reducing organic household waste sent to landfill
- ✓ Supporting industry development
- Attracting and retaining teachers in regional and remote
   Queensland

#### Reports tabling before the end of 2025:

- Information systems 2025
- Energy 2025
- Major projects 2025

#### First half 2026:

- Health 2025
- State entities 2025
- Debt and investments 2025
- Local government 2025
- Managing 3<sup>rd</sup> party cyber security risks
- Delivering social housing services
- Managing funding from the mental health levy
- Rehabilitating and reintegrating prisoners
- Improving the sustainability of local governments
- Accessing legal aid



Our forward work plan continues to reflect and respond to our changing landscape.

External consultation



Queensland Audit Office

Forward work plan 2025–28

Queensland
 Audit Office
 Better public services

## **Our planning process**

- **Environmental scanning**
- 2 Topic development and prioritisation
- 3 Finalisation and publication



## Accounting and reporting of major transactions

#### Financial reporting

- Timeliness and quality
- Depreciation expense and sustainability
- Major transactions of government

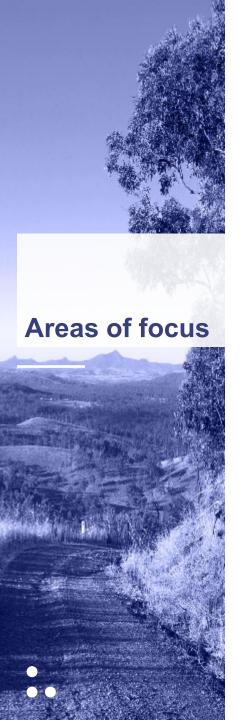
## Approvals for contracts and expenditure

- Leases prescribed requirements
- Statutory bodies financial arrangement act
- What can constitute a contractual commitment

#### **Climate reporting**

AASB S1 (voluntary) and S2 now apply.

S2 mandatory for certain entities reporting under the Corporations Act – entities have been identified and limited assurance audit reviews will be performed this year



### Grant management



- Effective internal controls are essential helping ensure entities are accountable, transparent, and neutral in decision making.
- Consider changing risks

#### Vendor controls and fraud



- Fraud and corruption risks are pervasive to all organisations.
- Fraud attempts often involve business-as-usual activities vigilance is key.
- Independent checking of vendors and payments

### Expenditure, procurement and ex-gratia payments



- No legal requirement to make ex-gratia and may lack transparency
- Potential for extra public scrutiny as they involve the use of public money
- Value for money assessments
- Conflict of interest declarations, documentation and management



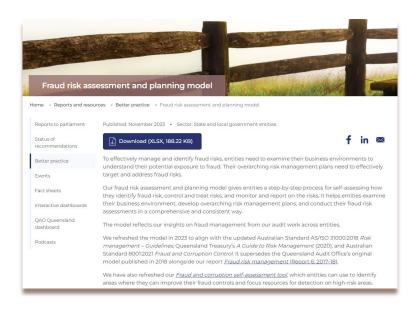
### Resources

#### **Better practice guides**

- ✓ Grant management maturity model
- ✓ Fraud and corruption self-assessment tool
- ✓ Fraud risk assessment and planning model

### **Blogs**

- ✓ Are your everyday internal controls strong enough to prevent a fraud attempt?
- ✓ Keep fraud risks front and centre
- Ex-gratia payments what those charged with governance need to consider



### Reports to parliament - grants

- ✓ Supporting industry development
- ✓ <u>Improving grants management</u>
- ✓ Awarding of sports grants





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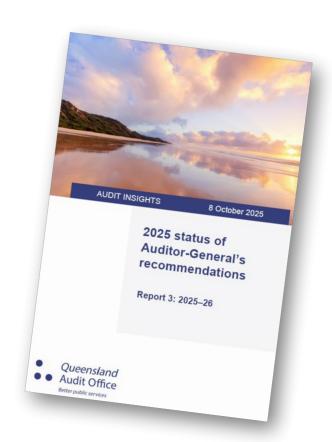
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## 2025 Status of Auditor-General's recommendations

**Joel Cooper, Director** 

- Queensland
- Audit Office

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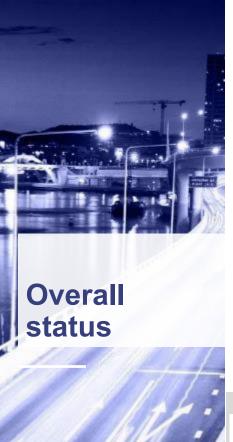
## What do we ask entities to do?

- Each year we ask entities to self-assess their progress implementing performance audit recommendations from our reports.
- We do not audit the actions that entities report they have taken.
- The CEO is responsible for endorsing their entity's self-assessment.

## Audit committees play an important role monitoring the performance of entities

#### They can:

- regularly assess entity progress in implementing recommendations
- follow up outstanding recommendations to understand key barriers and risks
- examine the outcomes of the actions entities have taken.



### What did we follow up this year?





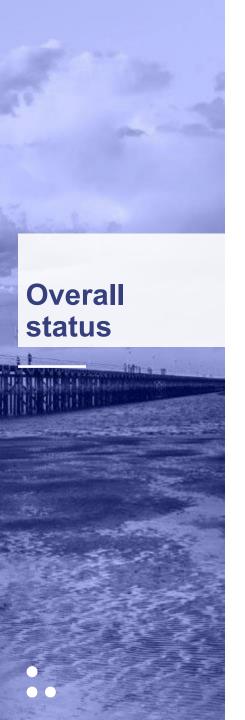
## **92 recommendations** from 6 reports tabled in 2023–24

- Managing invasive species
- Improving asset management in councils
- Deploying police resources
- Minimising gambling harm
- Responding to & recovering from cyber attacks
- Reducing serious youth crime



## **270 outstanding recommendations** from 30 reports tabled 2016–2022

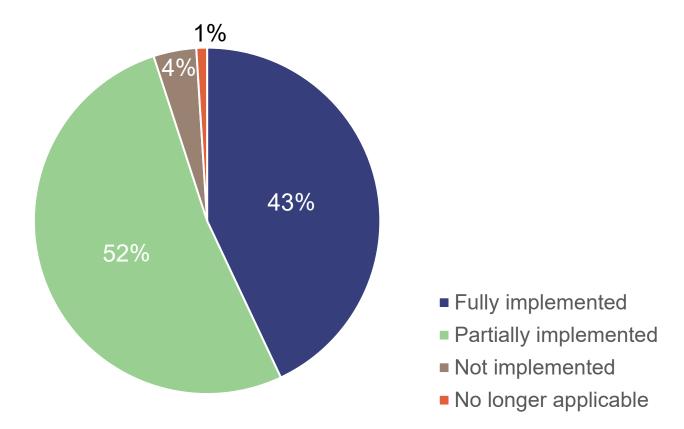
 Outstanding recommendations are recommendations that entities have partially implemented or not implemented from prior years.



## What did entities report?

Of the 362 recommendations:

- 43% (156) were fully implemented
- 56% (203) remain outstanding (partially implemented and not implemented)
- 1% (3) were no longer applicable.





## What were the most frequent recommendations?

The 3 most common categories of recommendations we made in the 36 performance audit reports from 2016–17 to 2023–24 were:









## What were the least implemented recommendations?

### Strategic and operational planning



- 116 recommendations focused on strengthening entities' planning approaches
- 35% remain outstanding
- Entities reported a lack of funding, competing priorities, and other factors were barriers

### Information systems and data management



- 145 focused on improving the accuracy and sharing information
- 19% remain outstanding
- Entities reported procuring and testing new systems.

### Workforce capability and planning



- 98 focused on building more adaptable workforces
- 29% remain outstanding
- Entities reported being in the process of trialling new workforce approaches



## Which reports will we follow up next year?

Next year, we intend to include recommendations from reports tabled in 2024–25, and we will continue to request information from entities on the progress of outstanding recommendations.

#### This includes:

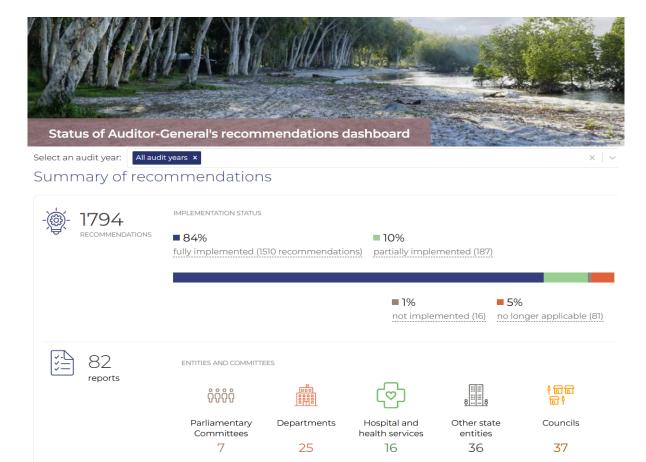
- Insights on audit committees in local government
- Managing Queensland's regional water quality
- Protecting students from bullying
- Preparing for the Brisbane Games
- Central agencies' coordination of the state budget
- Delivering forensic medical examinations (follow-up audit)



## Where can you keep track of your entities' progress?

The <u>interactive dashboard</u> on our website allows you to explore entities' self-assessed progress in implementing the recommendations we make in our reports to parliament.

You can tailor your search by year, report, entity, parliamentary committee, and implementation status. It reflects entities' responses for the period in which they completed their self-assessments.







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## Addressing technology risks

Damon Olive, AAG – Financial Audit

- Queensland
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Legacy systems

Technical complexity

Cyber crime

Supply chain

New implementations

Skilled labour

**Cloud** consolidation

Technical advancements

Increasing costs

Risk

Reward

## QAO's new Technology Audit function covers:



Information systems auditors supporting the financial audit

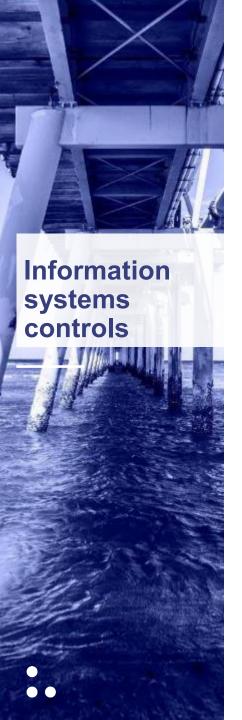


Data Analytics team



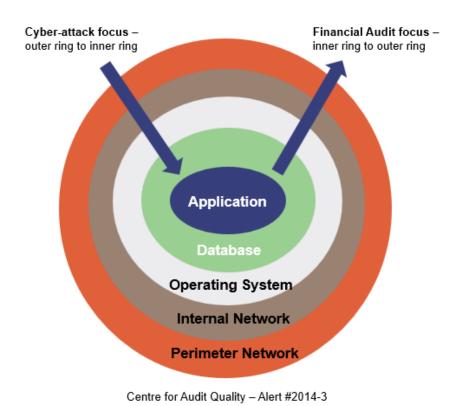
Strategic internal projects such as AI, technology advancements





## What we do as part of information systems audits

- Finance systems and they way they process data to support the financial audit
- System-based controls and automation
- Our work results in the auditor being able to rely on data in the systems



IT system defences need strengthening

Prior year issues need addressing



## Our first information systems report to parliament



Are we getting better at IS controls?



How are we prioritising investment on risky systems?

### **Queensland public sector entities:**

- 21 core departments
- statutory bodies
- government owned corporations



## Greater attention is needed to strengthen IT systems defence













Our report includes a checklist that can help.



Governance and oversight



Access management and security configuration



**Better practices** 



Area

#### Questions

- Are processes and controls in place for newly implemented systems from the time the system goes live?
- Are end-to-end processes and controls documented (by the entity or a third party if it is outsourced to a third party)?
- What cyber security controls and protocols are in place for the system?
- Are adequate contracts in place:
  - to check that service providers are managing security in line with the entity's requirements or security better practices, or
  - for the service providers to demonstrate they have effective security processes and controls?



Access

management and

security

configuration

- Who has full or elevated system access? Is this appropriate?
- How will user access be managed for staff, contractors, and service providers?
- What monitoring is in place for full or elevated access to the systems and to detect unauthorised actions and activities?
- What is management's approach to managing technology providers' access for effective security management? Does management only provide access when technology providers need to provide their service? How does management check on their activities in the system?



**Better practices** 

- Has management examined the service provider's cyber security incident management processes?
- Has management established an ongoing process for monitoring vendor performance, security posture, and adherence to contractual obligations to maintain an effective and secure system environment?





## Half of finance systems are at end of life or beyond



High prevalence of legacy systems

**Incomplete understanding** of the extent of legacy systems



Systems in use past their useful life



\$1 bil. digital fund

## Risks associated with legacy systems

- Security vulnerabilities
- Reduced productivity
- Service continuity
- Staffing and skills
- Meeting service delivery needs







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## Information systems and controls

Sumi Kusumo, Senior Director

- Queensland
- Audit Office

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## Who are the third parties?

Those interacting with us

Those providing goods and services to us

(as-a-service)



## What is IT as-a-service?

On-premise

Kitchen

Oven

Electricity

Pizza dough

Toppings

Chefs

In house

Managed service

Kitchen

Oven

Electricity

Pizza dough

**Toppings** 

Chefs



Infrastructure as-a-service

Kitchen

Oven

Electricity

Pizza dough

Toppings

Chefs



Take-andbake or frozen pizza Platform as-a-service

Kitchen

Oven

Electricity

Pizza dough

Toppings

Chefs



Software as-a-service

Kitchen

Oven

Electricity

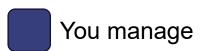
Pizza dough

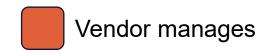
Toppings

Chefs



Dine-in







## **Guide to managing third party cyber – SAP example**

Responsibilities: customer (blue), SAP (green) and shared (orange).

Identity & access governance

authentication, authorisation & monitoring

& data management
application controls, data
lifecycle management &
data security

System & application configuration change management

Connectivity to cloud services configuration & monitoring

Audit & certification

Logging & monitoring

Breach notification & incident management

Service resilience

Threat intelligence

Vulnerability assessment & penetration testing

Security architecture design & build

Third party risk management

Operational security

Hyperscaler security

Hyperscaler laaS (SAP managed)



Managing thirdparty cyber security risks





- → Identify end-to-end controls:
  - Expected controls from the IT service provider
  - Controls that should exist at the entities using the IT service provider.
- → Define security requirement and implement appropriate contractual agreement.
- Verify that controls exist and are operating effectively:
  - Control assurance reports from IT service provider and/or right to audit
  - Assessment or audit of own controls.

Identify their use of third-party services, the extent of reliance on controls of third-party services, and related security risks.

Have effective processes to vet and monitor new and ongoing third-party services.

Define security standards and contractual agreements to manage risks.

Continually
assess how well
third parties
manage and
respond to
security risks and
incidents.







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## Recent reports and what's ahead in our Forward work plan

**Joel Godwin, Senior Director** 

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## Reports tabling in 2025–26





- Managing 3<sup>rd</sup> party cyber security risks tabling March 26
- Preventing prisoners from reoffending tabling May 26
- Funding mental health services tabling May 26
- Follow-up audit: Delivering social housing services tabling June 26
- Improving the sustainability of local governments tabling June 26
- Accessing legal aid services tabling June 26







Guidance and policy available

Establish governance



Assess ethical risks

#### Report overview:

#### Ethical use of Al



## Types of Al systems Examples of ethical risks Inaccurate or misleading content Overreliance on generated information

Artificial intelligence

Computer vision

Machine learning

Overreliance on generated information

Disclosure of sensitive information

Misinterpretation of user input or intent

Generation of harmful language

Unauthorised use of personal images

Inaccurate image recognition

Hidden bias in training data

Lack of transparency in decision-making



## Strengthening ethical risk management of artificial intelligence systems

Support questions available in the report:

### Have you updated your governance arrangements?

- Clear authority, responsibility and appropriate training
- Governance and oversight, risk mitigation

#### Do you have visibility of usage and purpose?

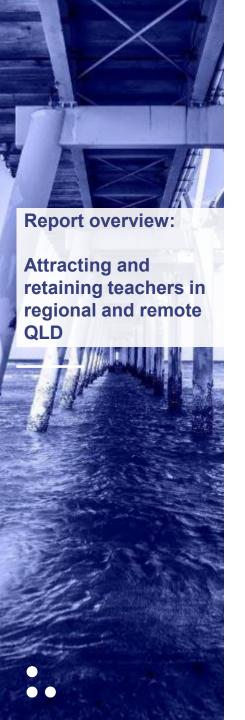
- Understanding of usage, purpose and outputs
- Information security and controls

### Have you assessed your ethical risks?

- Wellbeing, human values, safety, fairness, transparency, accountability, privacy, and contestability
- Recommendation included in report to all entities

### Do you have plans to grow staff capability?

- Plan to build capability
- Incorporating ethical use



## Workforce planning – an important focus area for all entities

We audited DoE's teacher workforce strategies, but there are areas for all entities to consider

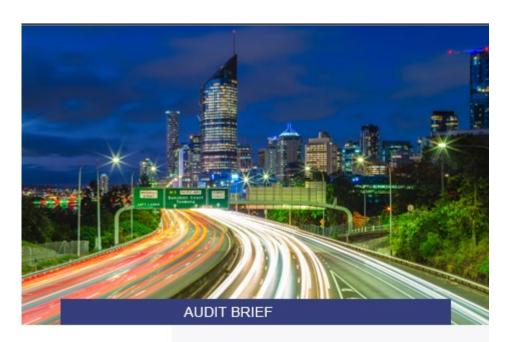


The importance of comprehensive workforce analysis

Investing in planning to enable successful workforce strategies

Regularly reviewing and evaluating workforce strategies









Audit Office Better public services

**Insights into Queensland's** significant infrastructure projects and analyses costs to the **Queensland Government.** 

> Total estimated cost of **Queensland capital projects**

\$153 billion \$107 billion

(2025-26)

(2024-25)

### **Workforce shortage**

18,200

average shortfall of construction workers in Queensland over next 8 years

### **Cross River Rail additional cost** and time

\$19 billion

2029

New total project cost

First passenger services







32 projects in the budget greater than \$500 million



Deeper dive of progress of major projects



**Progress of the Cross River Rail project** 

What's coming:

QAO's forward work plan



## Global and domestic risks impacting on delivery of services by state and local governments





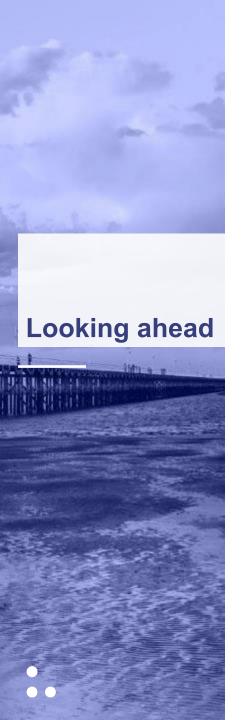
## Our forward work plan



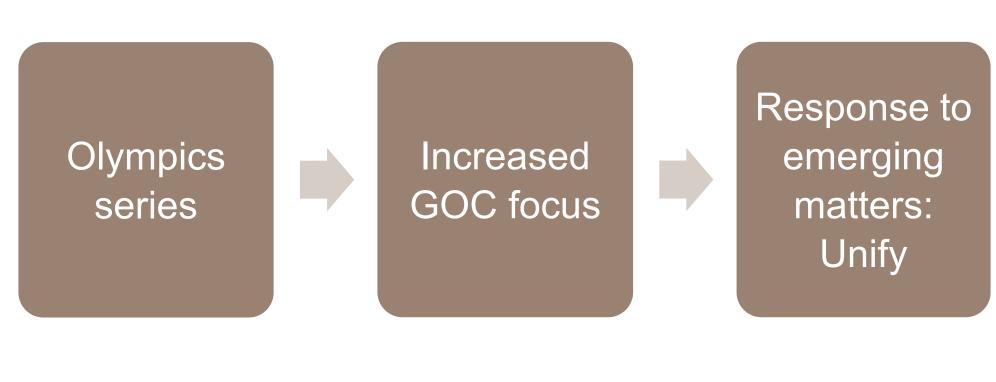


7. Brisbane 2032 Olympic and Paralympic Games report series

Effectively and efficiently preparing for the Games and securing lasting benefits for Queensland



## Highlights and emerging themes for forward years





## Helpful resources



### Reports to parliament

- Attracting and retaining teachers in regional and remote Queensland
- Supporting industry development
- Managing the ethical risks of artificial intelligence



#### Blogs

- How emerging technologies and data are supporting more effective audits
- Strengthening ethical risk management of artificial intelligence systems



#### Interactive dashboards

- Explore entities' progress in implementing our recommendations
- Learn more about the region you live in and the public services you receive



#### Better practice guides and tools

- Asset management maturity model
- · Risk management maturity model
- Cyber response and recovery governance checklist





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## **Questions and closing remarks**

Damon Olive, AAG – Financial Audit

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Briefing for audit committee chairs – 2 December 2025.



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