

A banner graphic with a green and blue background. On the left, there is a stylized Australian flag. In the center, there are several circular icons: a person silhouette, a document with '00000', a database cylinder, and a shield with a checkmark. On the right, the text 'Age Assurance Technology Trial' is written in white on a dark blue background.

# Age Assurance Technology Trial

## Stakeholder Engagement Briefing

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Project Director

CEO, Age Check Certification Scheme & Digital ID Systems Certification

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# Project Objectives

- The Age Assurance Technology Trial (AATT) is an initiative led by the Australian Government to evaluate the effectiveness, reliability, and privacy impacts of various age assurance technologies.
- The trial is being set up in response to growing concerns about children’s safety online and the need to protect minors from age-restricted content, such as gambling, social media and adult content.
- By testing a range of age assurance solutions—including age analysis, AI-based estimation, parental consent/control and identity document verification—the trial aims to assess the feasibility of these technologies in real-world applications, ensuring they are accurate, user-friendly and compliant with privacy laws.
- The trial will explore how different methods perform in verifying a user’s age without compromising their personal data, helping Australia establish best practices and potential regulatory frameworks for age assurance.
- This effort aligns with global movements towards safer digital environments for young users, as Australia seeks to balance technological advancement with robust data protection and ethical standards.
- Ultimately, the AATT will provide valuable insights for policy makers, businesses, and technology providers, guiding the future of age verification requirements in Australia.

# Project Team





The world's leading independent conformity assessment body for age assurance technologies. ACCS test that ID and age check systems work. ACCS are headquartered in the UK, but operate globally, including clients in Australia



An Australian software quality engineering consultancy, that specialises in software testing and AI implementation.



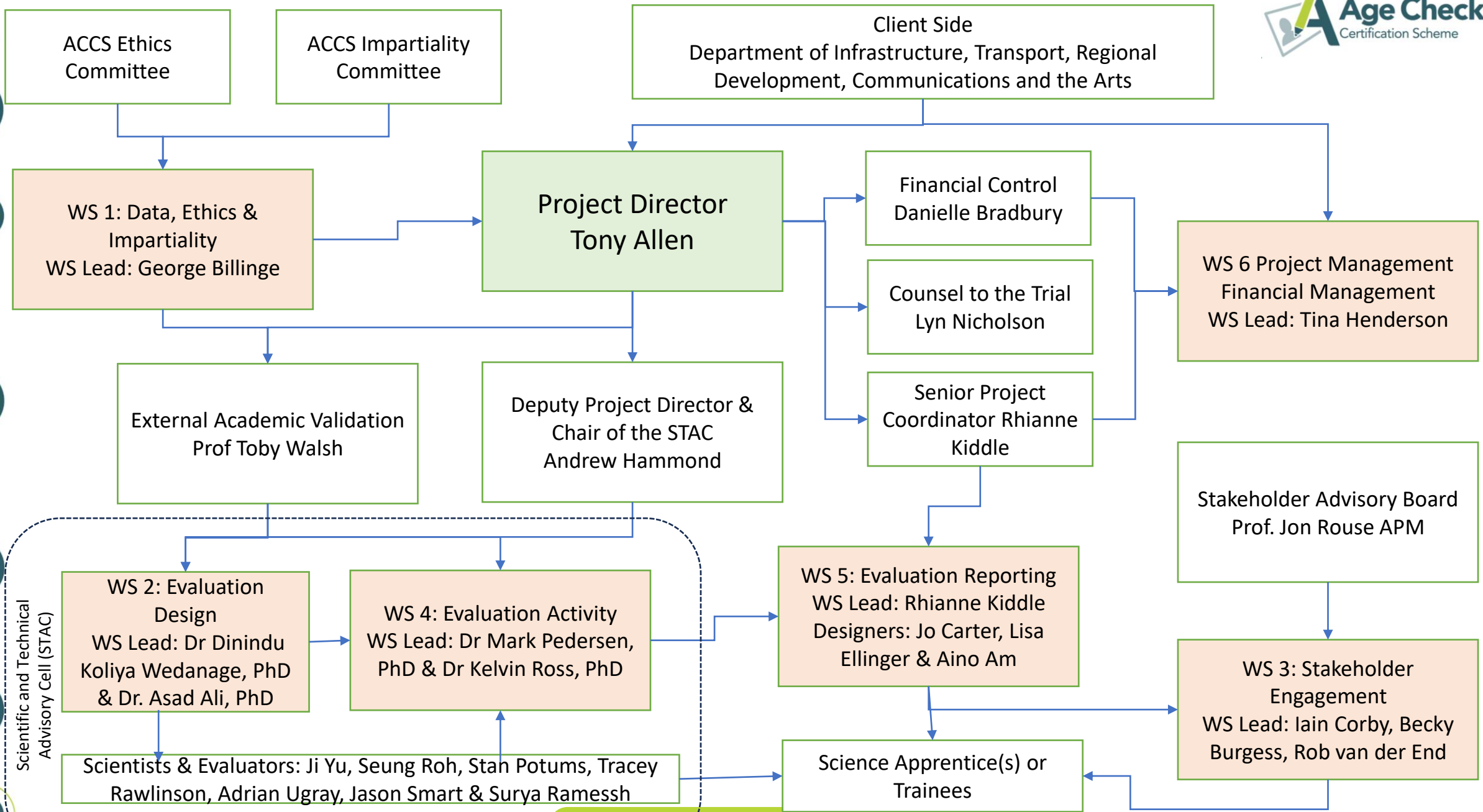
Leading data science, ethics, age assurance tech and scientists from Koliya Group (AU) and Illuminate Tech (UK).



Creative and web development communications from Heartburst (AU) and SoJo Creative (UK), industry engagement specialists, SafetyTech Limited (UK) and additional freelance graphic designers, mystery shopping providers and user experience analysts as needed.



Specialist Legal and Data Privacy Advisors



# Standards Framework





Accreditation Layer

**ISO/IEC 17065:2012**

Conformity assessment — Requirements for bodies certifying products, processes and services

Evaluation Model  
Layer

**ISO/IEC 25010:2023**

Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE) — Product quality model

Core Characteristics  
of Age Assurance  
Technologies Layer

**ISO/IEC DIS 27566-1:2025**

Information security, cybersecurity and privacy protection —  
Age assurance systems — Part 1: Framework

We will also apply Parts 2 & 3 as appropriate, but they remain in early stages of development

Implementation  
Requirements and  
Testing & Metrics  
Layer

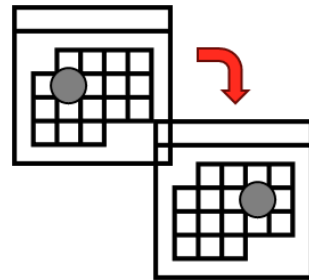
**IEEE 2089.1:2024**

Standard for Online Age Verification

**ISO/IEC/IEEE 29119 series** - Software testing

## Age Assurance Methods

### Age Verification Methods



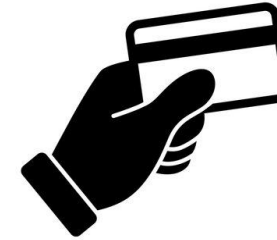
Calculating the difference between a verified year or date of birth of an individual and a subsequent date

### Age Estimation Methods



Analysis of biological or behavioural features of humans that vary with age

### Age Inference Methods



Verified information which indirectly implies that an individual is over or under a certain age or within an age range

## Age Assurance Systems - Framework

Clause 6  
Functional  
Characteristics

Clause 7  
Performance  
Characteristics

Clause 8  
Privacy  
Characteristics

Clause 9  
Security  
Characteristics

Clause 10  
Acceptability  
Characteristics

Clause 11  
Practice Statements

# Work Packages



# WP 1 – Ethics, Data & Impartiality

This work package covers the critical risks associated with data, ethics and impartiality of the technology trial.

T1.1 - Project Data Protection, Ethics Handbook and Monitoring [M1 – M8]

T1.2 - Safeguarding Children [M1 – M7]

T1.3 - Working with Human Test Subjects [M2 – M7]

T1.4 - Impartiality Mechanism [M1 – M8]

## WP 2 – Evaluation Design

This work package covers understanding the specific context in use of age assurance technology in the Australian context, including online safety, privacy and digital ID legislation, ASD security management and the specific programme requirements. It includes a literature review, research relevant to the evaluation of age assurance technologies from domestic and international sources.

T2.1 - Understanding the National Context [M1 – M2]

T2.2 - Understanding the Deployment Context in Australia [M1 – M2]

T2.3 - Evaluation Design (Systems & Software Engineering Quality Requirements and Evaluation) [M1 – M2]

## WP 2 – Evaluation Design (cont.)

T2.4 - Evaluation Design (Integration of ISO/IEC 27566 Core Characteristics and IEEE 2089.1 Evaluation Metrics) [M1 – M2]

T2.5 - Evaluation Design (Biometric and Test Subject Data Capture) [M1 – M2]

T2.6 - Evaluation Design (Technology Stack) [M1 – M2]

T2.7 - Evaluation Design (Sampling and Statistical Assumptions/Limitations) [M1 – M2]

T2.8 - Evaluation Validation [M2]

T2.9 - Evaluation Approval [M2]

# WP 3 – Call for Participation, Engagement & Communications

This work package is to attract participants in the technology trial. Participants are needed from (a) test subjects; (b) age assurance service providers (& potentially intermediaries depending on the deployment/technology stack); and (c) relying parties (particularly social media companies, providers of adult content and providers of age-appropriate design implementations).

T3.1 - Stakeholder Engagement [M1 – M8]

T3.2 - Communications including Project Website [M1 – M8]

T3.3 - Call for Participation (Age Assurance Providers and Intermediaries) [M2 – M4]

# WP 3 – Call for Participation, Engagement & Communications (cont.)

T3.4 - Call for Participation (Relying Parties) [M2 – M4]

T3.5 - Call for Participation (Parental Consent and Control Services) [M2 – M5]

T3.6 - Gathering Practice Statements [M2 – M5]

T3.7 - Call for Participation (Test Subjects, including Children) [M3 – M4]

# WP 4 – Evaluation Activity

This work package covers the actual evaluation activity. It includes the practical deployment of the evaluation plans established under work package 2. It covers the deployment of mixed-method (i.e. both quantitative and qualitative research methodologies to examine the research problem).

T4.1 - Evaluation of age verification technologies [M3 – M5]

T4.2 - Evaluation of age estimation technologies [M4 – M5]

T4.3 - Evaluation of age inference technologies [M4 – M5]

T4.4 - Evaluation of successive validation (waterfall method) approaches [M4 – M5]

## WP 4 – Evaluation Activity (cont.)

T4.5 - Evaluation of parental consent or control mechanisms [M4 – M5]

T4.6 - Evaluation of technology stack deployments [M4 – M5]

T4.7 - Evaluation of technology readiness [M4 – M6]

T4.8 - Evaluation of implementation factors [M5 – M6]

T4.9 - Remedial Evaluation [M5 – M7]

# WP 5 – Evaluation Reporting

This work package covers the evaluation reporting process. It includes gathering research methodology and validation, literature review and explaining the evaluation context.

T5.1 - Data Gathering [M4 – M6]

T5.2 - Alignment of Data to indicators of confidence [M5]

T5.3 - Preliminary Report [M5 – M6]

T5.4 - Final Report and Summary [M7 – M8]

# WP 6 – Project Management, Risks & Quality Control

This work package includes ensuring a structured quality management approach to the project (using PM<sup>2</sup>), and ensuring that public money is spent appropriately, subject to best value review including for any project procurements, managing risk and timescales.

T6.1 - Production of a Project Plan [M0]

T6.2 - Project Quality Control/Process Control/Records Management and PM<sup>2</sup> [M1 – M8]

T6.3 - Project Risk Management Plan [M1 – M8]

T6.4 - Monthly Contract Management Meetings [M1 – M8]

T6.5 - Project Compliance [M1 – M8]

T6.6 - Performance Review & Project Evaluation [M8]

# Milestones



# Project Milestones




Project Plan



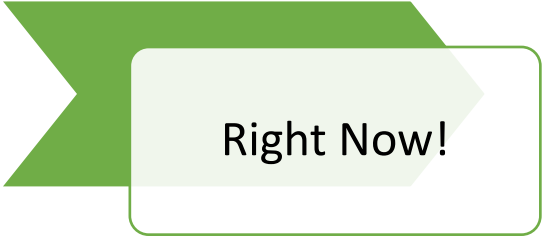
Trial  
Development




Preliminary  
Report



Final Report



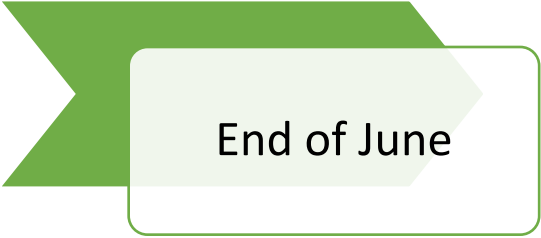
Right Now!



End of  
December



End of April



End of June



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