

# ANNUAL REPORT 2016

[www.aaf.edu.au](http://www.aaf.edu.au)

**AUSTRALIAN  
ACCESS FEDERATION**



The AAF's **vision** is to lead access management for Australian education and research.

The AAF's **mission** is to support collaboration through effective access management.

# AAAF YEAR IN REVIEW

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# PRESIDENT'S REPORT

With 101 subscribers and over 260 services, the Australian Access Federation (AAF) continues to demonstrate its ongoing value and significance to the Australian research and education sector. 2016 has been another successful year for the AAF and a summary of its achievements is reflected in this Annual Report.

A key highlight of the year was AAF's inclusion in the draft 2016 National Research Infrastructure Roadmap, an activity led by Australia's Chief Scientist. The identification of the AAF as the national provider for access and authentication highlights the importance of the role that the AAF plays in the national research agenda.

The Next Generation Project was a strategic project which has enabled the AAF to innovate and advance the current federation technologies. This includes the development of a cloud Identity Provider (IdP) platform. 2017 will see the AAF run an Early Adopter Program, that will give eight participating subscribers an opportunity to shape the final product and be part of the early uptake of the service.

The National eResearch Collaboration Tools and Resources Project (NeCTAR) funded the AAF to begin exploring the capability to become multi-protocol with the OpenID Connect standard. The AAF is one of the first international federations to advance in this space and will continue with further committed investment from NeCTAR in 2017.

Global connectivity into services is a major goal for the AAF and the first phase for global connectivity was completed. This phase has proven that international connectivity is possible via eduGAIN and a program of further work will commence in 2017.

The continued partnership with the National Collaborative Research Infrastructure Strategy (NCRIS) capabilities, ANDS, NeCTAR, RDS and AARNet has seen the joint undertaking of the Data Lifecycle Framework Project. The aim of this project is to demonstrate value through a series of coordinated activities to support a whole of data lifecycle approach for the national research capabilities.

In 2016 the AAF commenced as the Australian ORCID Consortium Lead. This has been an exciting opportunity which has allowed the AAF to expand its service offering to further meet the needs of the sector.



The AAF continued its strong program of international engagement in 2016. This included being awarded a tender to assist the national Hong Kong federation. The AAF's commitment to the sector continued through involvement as chair of the Asia Pacific Advanced Network Working group on Identity Management and the AAF's open seat on the International Research and Education Federation (REFEDS) Steering Committee. The AAF also continued to support its subscribers locally through workshops, communication activities and a number of conference engagements.

I would like to express my gratitude to the Department of Education for their ongoing support and confidence in the AAF, especially to Tony Rothnie and Kirsty Douglas for their valued support to the AAF.

We continue to have an extremely dedicated team of AAF staff under the leadership of Heath Marks, who works closely with AAF subscribers to meet their needs and evolve the products and services the AAF offers. It is personally rewarding to interact with such a dedicated team.

The AAF continues not only to be an exemplar service, but also provides sustainable specialist services to meet the evolving needs of federated identity management for Australian research and education. I look forward with confidence to the outcomes of the AAF in 2017.

**Bruce Callow**

President, Australian Access Federation Inc.

# EXECUTIVE COMMITTEE

## Mr Bruce Callow President

Bruce is the Chief Technology Officer for Griffith University, a position he has occupied since 2013. Previously Bruce was the Director of Information and Communication Technology Services.

During this period he was on the Board of Directors for the global Higher Education Users Group and Chair of the ANZ Higher Education Users Group. Bruce currently sits on the global Oracle Education and Research Strategy Council. Bruce has been an IT professional for over 30 years and his varied background includes 16 years as an Army Officer in various IT related roles, a number of years as an IT Manager in large Local Government Authorities and as a business manager with AWA Computers. Bruce was elected to the position of AAF Vice President in April 2013 and appointed as President in December 2015.



## Ms Fiona Rankin Vice President

Fiona Rankin is the Director of Information Management and Technology Services at the University of Wollongong (UOW), where she is responsible for the development and delivery of key strategic initiatives, in addition to the operational and people management aspects of UOW's core technology environment.

Fiona brings to this leadership role more than 25 years technology and executive management experience, and multiple Chief Information Officer (CIO) roles in both the public and private sectors. This is in addition to her Company Director qualifications and previous Board appointment to a subsidiary of a large international corporation.

Fiona has completed a Bachelor of Economics and Graduate Diploma in Financial Management (UNE) and a Masters in Business and IT Management (UTS). In addition, she has also completed the Asia Link Leaders Program (Universities of Melbourne and Sydney and the Australian National University) and Leadership 3000 (University of Michigan, USA).

Fiona is a graduate and member of the Australian Institute of Company Directors (AICD), a member of 'Women on Boards', she was a 2008 NSW finalist for Telstra Business Women's Awards, and in 2013 received the University of Technology, Sydney (UTS) Alumni Award for Excellence — Engineering and IT.



## Prof Ian Gibson Past President

Professor Ian Gibson has over 25 years of experience as a computer scientist and engineer and at executive level Research and Development (R&D) management. He has led the research, development and global commercialisation of new technology across a broad range of electrical engineering, computer science and digital imaging. Ian was elected to the position of AAF Secretary in April 2013 and then AAF President in May 2014.

From 2008-2015, Ian was the founding CEO of Intersect, Australia's leading eResearch organisation, building it from scratch to being the largest organisation of its type in Australia, assisting 12 universities to achieve research impact through technology.

Previously, Ian was a Division CEO at CiSRA, the Australian R&D lab for Canon. There he built research capability over several years to deliver original, world leading technology into a wide range of Canon's major product groups generating hundreds of patents along the way. Ian has a PhD from the University of New South Wales in Computer Science, a BE in Electrical Engineering (Hons) and a BSc and serves on many advisory boards and committees.



### Mr Paul Sherlock Treasurer

Paul is the University of South Australia's first Chief Information Officer and he has overall responsibility for the University's Library and IT services. Prior to joining the University in 2001, Paul held senior ICT management roles at the Defence Science and Technology Organisation (DSTO) and BHP.



Paul is Director and Chair of SABRENet Ltd and the Project Director for the Federal Government funded NRN Project. He is also a member of the Australian National Data Service (ANDS) Steering Committee.

Paul is a former President of the Council of Australian University Directors of IT (CAUDIT) and was a founding Member and President of the Australian Access Federation (AAF). He was also formerly a Member of the Australian eResearch Infrastructure Committee (AeRIC). Paul leads CAUDIT's benchmarking activity and is the author of the complexity index, which is used by CAUDIT members to make meaningful comparisons of benchmarking data across the ANZ HE sector and internationally. Paul was a member of the AARNet Advisory Committee between 1998 and 2014 (including as Deputy Chair 2004-2008) and is a past faculty member of the CAUDIT Leadership Institute (2004-2008).

### Ian Smith Secretary

Ian Smith is the Director PSP (Business Systems) at Flinders University, where he leads transformational change for service delivery across Flinders University. Ian has more than 35 years' experience leading technology-enabled change in a range of public and private organisations, including Origin, Telstra and the South Australian Government. Prior to his role at Flinders University, Ian's work enabled new ways of doing business in mining, media, defence, government, agriculture, and the energy industry.

Previous roles have included Group Manager, IT Solutions and Projects at Origin Energy Ltd, Chief Information Officer at ABB Grain Ltd, Executive Manager, Corporate Marketing and eCommerce at AusBulk Ltd, and Deputy Director and Senior Policy Advisor Information Economy Policy Office for the South Australian Government. Ian holds a Bachelor of Science and a Bachelor of Engineering (Honours) from the University of Adelaide.



### Mr Richard Northam Public Officer AAF Inc.



Richard has taken a strategic leadership role in shaping and enhancing the role of Information Technology within various organisations and been active in the federated identity space in higher education. More recently, he has played a key national and international leadership role in enhancing research through the development and use of eResearch infrastructure that is enabled by Information Technology.

Richard is a board member of the Research Data Services project; a board member of the National eResearch Collaboration Tools and Resources project; a former board member of EDUCAUSE, which is a US based association which represents the best thinking in higher education IT; he is an Accredited Adair International Leadership Trainer; and a member of the faculty of the Hong Kong and African Leadership Institutes for IT Professionals working in Higher Education. Richard holds a Bachelor of Engineering (Electronics) and lives and works in Canberra, ACT.

Previously, he was the Director of the Research Data Services Project, the Chief Executive Officer of CAUDIT and he has more than 25 years' experience in the ICT industry in the Private, Commonwealth Government and Higher Education Sectors.

### Kerry Holling Member at Large



Kerry joined Western Sydney University in July 2011 and is the Chief Information and Digital Officer. He has university-wide responsibility for Digital Strategy and Innovation, Solutions and Project Services, IT Operations, Digital Security and Risk, Procurement and Planning Services, and frontline Academic and Campus-based support. Kerry is also a member of the University Executive.

From 2007 until 2011 he was the CIO for what is now called the NSW Department of Family and Community Services. Previously, he was the Australian CIO for Digital Equipment Corporation (1996-1998), Compaq Computers (1998-2002) and Hewlett-Packard (2002-2006). This provided him with invaluable insights into the technology sector and the operation of large commercial businesses.

In addition to his AAF role, Kerry holds the elected position of Secretary on the CAUDIT Executive and convenes the NAUDIT group (NSW Active University Directors of IT).

**Co-opted Non-Voting Member: Mr Tony Rothnie, Department of Education**

# AAF TEAM

## Mr Heath Marks CEO

Heath was appointed by the Council of Australian University Directors of Information Technology (CAUDIT) in July 2009 to head a Team to support the AAF's operations, engage with the higher education and research sectors and more specifically grow the Federation into the future.

Heath is an IT professional with a wealth of management experience in the successful delivery of Information Technology within the tertiary education sector. Heath has formal qualifications in business (MBA, MTechMgt), computing (BIT) and is a graduate and member of the Australian Institute of Company Directors (AICD). Heath also holds an open seat on the international Research Education Federations (REFEDS) Committee.



## Mr Terry Smith Technical Engagement and Support Manager

Terry is responsible for the ongoing operation of the federation and for providing support and training activities to the AAF subscriber community. Terry is an experienced IT professional who has been working in Identity and Access Management in the tertiary sector for more than 25 years. In early 2009 Terry managed the AAF pilot project that bootstrapped today's AAF operation.

Terry is the Chair of the Asia Pacific Advanced Networking (APAN) working group on Identity Management.



## Ms Elleina Filippi

Service Delivery Manager

Elleina joined the AAF in November 2014 as the Service Delivery Manager and is responsible for overseeing the delivery of services, communication and subscriber engagement activities. Prior to this, Elleina worked for QUT in the Division of Technology, Information and Learning Support as their Communication Team Leader and implemented a number of communication, change and digital media campaigns along with a number of service delivery activities.

In her previous role, Elleina was involved with the initial AAF project through providing expert advice on developing successful communication strategies.



## Mr Bradley Beddoes

Technical Lead — Innovation, Software Development and Infrastructure

Bradley has worked on delivering secure, standards focused web applications and redundant, scalable IT architectures for 11 plus years within Australia and abroad.

Bradley is responsible for the design and implementation of AAF software and system architectures. He leads the software development and operational infrastructure within the AAF.

**Mr John Scullen** Manager, Strategic Initiatives

John joined AAF in February 2016 to lead the development of new processes and tools in the Next Generation AAF project. His role has since expanded to oversee the AAF's project portfolio.

With more than 20 years' experience in the higher education sector, John has a strong track record of successfully delivering large, complex projects and in developing innovative approaches to delivering technology solutions. John holds qualifications in information technology (BIT), business (MBA) and project management.



**Ms Dalia Abraham** Technical Support Analyst

Dalia joined the AAF as Technical Support Analyst in 2015 and works as part of the support team who are responsible for providing high level technical support to the AAF subscribers. Dalia has a Masters degree in Information Technology and more than 10 years' experience working in the ICT field.



**Mr Melroy Almeida** Technical Support Analyst

Melroy joined the AAF at the start of 2016 as an ORCID Technical Support Analyst. Melroy works with the support team who provide a high level of technical support to AAF subscribers and members of the Australian ORCID Consortium.

Melroy is an IT professional with formal qualifications in information technology (M.InfoTech) and engineering (B.Tech). With over 10 years' experience delivering information technology solutions within the higher education sector.



**Mr Julian Kelly**

Technical Support Analyst

Julian joined the AAF in 2016 as a Technical Support Analyst.

Julian started his technology career at 12 as the youngest qualified IT technician. He has over 10 years' experience in running his own company and brings a wide array of expertise to the technical support field within the Australian Access Federation

Julian holds degrees in both Information Technology and International Relations.



**Mr Shaun Mangelsdorf** Technical Lead

Shaun is responsible for the development of AAF software and infrastructure and has also taken on the technical leadership role in project activities. He has been developing software professionally for over nine years, with experience in identity and access management in the tertiary sector, and custom solutions for the healthcare and pharmaceutical industry.

**Mr Russell Ianniello** Senior Developer

Russell is responsible for the development of AAF software and infrastructure. With nearly 10 years' experience in software development, Russell believes in delivering value to customers and staying up to date with the latest trends. He has a mixed background in product development and consulting. In previous roles he has specialised in aviation, finance and environmental management sectors.



**Mr Ryan Caught**  
Senior Developer

Ryan is responsible for the development of AAF software and infrastructure. With over 15 years of experience in software development, he has a diverse working background that spans all the way from the modern North American startup scene to traditional multinational enterprises.



# 2016 YEAR IN REVIEW

**1**  
Australian ORCID Consortium commenced

APAN Manila: IDM Working Group

Next Gen Project: New Discovery Service and Reporting Service released

**2**  
Official ORCID Consortium Launch Canberra

eResearch New Zealand 2016: Panel

Research Bazaar: ORCID booth

**3**  
Universities Australia Conference: Shared eResearch Booth

**4**  
The new AAF website goes live  
Awarded Hong Kong Federation Tender

**5**  
Release of the 5th Annual AAF Subscriber Survey

**6**  
REFEDS Meeting (TNC Networking Conference) Presentation

UK ORCID Consortium Engagement

Hong Kong federation: Two day workshop

**7**  
QUESTnet: Identity Management Birds of a Feather Session

NCRIS capabilities collaborated for the QUESTnet booth

OpenID Connect (OIDC) project commenced

**8**  
APAN Hong Kong: Three day federated IDM workshop

Data Lifecycle Framework Project commenced

**9**  
Software as a Service Identity Provider Early Adopter Program released

TechX Conference: International federation operator panel

USA Government General Service Administration department meeting

ORCID Outreach meeting: International panel discussion

**10**  
eResearch Australasia:  
– ORCID member engagement workshop  
– Panel — Looking towards the future of Federated Identity Management  
AAF Hosted a one day international federation workshop

**11**  
Hong Kong Federation visit to Australia

AAF participates in the NeCTAR workshop and roundtable

**12**  
AAF responds to Australia's draft eResearch Infrastructure Roadmap  
Next Gen project nears completion

# NATIONAL AND INTERNATIONAL ENGAGEMENT

The AAF continued to engage **nationally** with:

- AeRO (Australian eResearch Organisations) (annual Member)
- Providing thought leadership to the Queensland University Directors of Information Technology (QUDIT) Identity Management Community of Practice
- National Collaboration Research Infrastructure Strategy (NCRIS) projects and the 2016 National eResearch Infrastructure Roadmap.

## AAF supporting the national eResearch agenda

In 2016 the Australian Government commissioned the development of the National Research Infrastructure Roadmap. The Roadmap development was led by the Chief Scientist for Australia, Dr Alan Finkel AO, who was supported by an Expert Working Group.

The AAF had an opportunity to respond to the roadmap submission process and was highlighted as the national provider for access and authentication under the key focus area for Digital Data and eResearch Platforms in the draft Roadmap ([www.education.gov.au/2016-national-research-infrastructure-roadmap](http://www.education.gov.au/2016-national-research-infrastructure-roadmap))



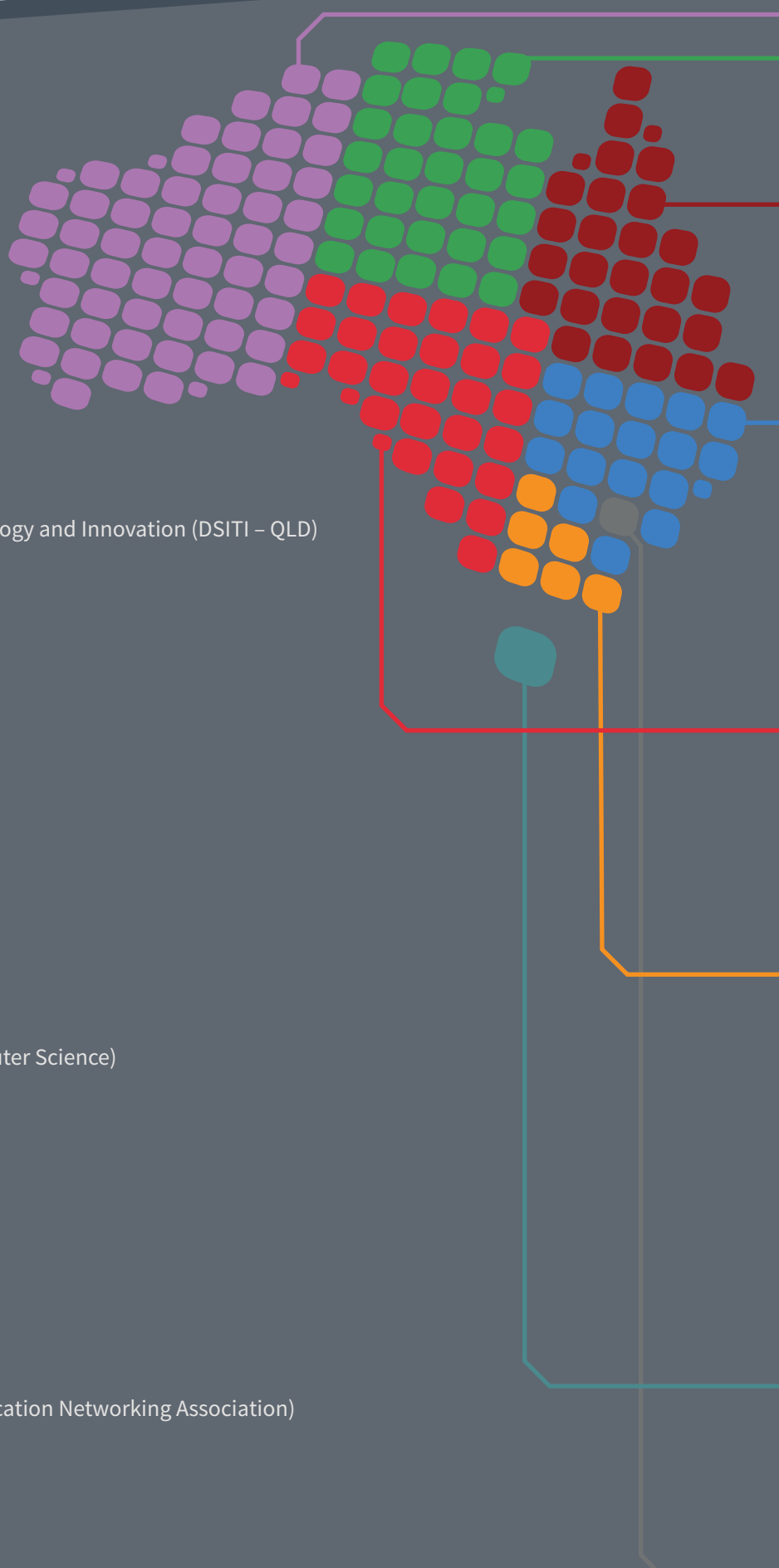
The AAF continued to engage **internationally** with:

- Federations in the Asia Pacific Region through APAN (Asia Pacific Advanced Networking)
  - AAF Technical Engagement and Support Manager — Chair of the Federated Identity Management Working Group
  - The establishment of the Hong Kong Federation
  - The New Zealand Federation Tuakiri/Reannz. The AAF has continued collaboration through the exchange of mutually beneficial processes, practices and technological developments
  - Assistance and guidance to the Singapore Federation.
- International REFEDS (Research Education Federation) via sponsorship
  - AAF CEO holds an open seat on the international Research Education Federations (REFEDS) Steering Committee.

# OUR SUBSCRIBERS

## International/Publishers/Commercial

ACADEM  
Asia Pacific Advanced Networking (APAN)  
Atypon  
BarNet  
Blackboard Australia Pty Ltd  
Cambridge University Press  
ClickView  
EBSCO Information Services  
Department of Science, Information Technology and Innovation (DSITI – QLD)  
Elsevier Inc  
Emerald Group Publishing Limited  
Evolvingspaces (VIC) Pty Ltd  
Ex Libris  
figshare  
Fuji Xerox  
Georg Thieme Verlag KG  
Grok Learning Pty Ltd  
HighWire Press  
INFORMIT  
Instructure Australia Pty Ltd – Canvas LMS  
JISC Collections and Janet Limited  
John Wiley & Sons Pte Ltd  
Karger Publishers  
Kivuto  
LabArchives LLC  
lynda.com  
Masaryk University, Brno (Institute of Computer Science)  
MyUNIDAYS Limited  
Oxford University Press  
PebblePad  
ProQuest  
QS unisolution  
Research Research Ltd  
Scientia – Cyon Knowledge Computing  
Stratocore  
Techsert  
The Beans Group Ltd  
TALIS Education Limited  
TERENA (Trans-European Research and Education Networking Association)  
thinkprocurement (think)  
The Royal Society of Chemistry (RSC)  
UCROO Pty Ltd  
Virtual Accident



### **Northern Territory**

Charles Darwin University

### **Western Australia**

Central Regional TAFE  
Curtin University  
Edith Cowan University  
Murdoch University  
North Metropolitan TAFE  
The University of Notre Dame Australia  
The University of Western Australia

### **South Australia**

eResearch South Australia Ltd  
Flinders University  
South Australian Health and Medical Research  
Institute (SAHMRI)  
The University of Adelaide  
University of South Australia

### **Victoria**

Cancer Therapeutics CRC Ltd (CTX CRC)  
Deakin University  
Federation University Australia  
La Trobe University  
Monash University  
Public Records of Victoria (PROV)  
RMIT University  
Swinburne University of Technology  
The University of Melbourne  
Vic Node  
Victoria University  
Walter & Elizabeth Hall Institute

### **Tasmania**

Australian Antarctic Division  
Tasmanian Partnership for Advanced Computing  
(TPAC)  
University of Tasmania

### **Queensland**

Australian Institute of Marine Science (AIMS)  
Bond University  
Central Queensland University  
Griffith University  
James Cook University  
Queensland Cyber Infrastructure Foundation (QCIF)  
Queensland University of Technology  
The University of Queensland  
University of Southern Queensland  
University of the Sunshine Coast

### **New South Wales**

Australian Catholic University  
Australian Nuclear Science Technology Organisation  
(ANSTO)  
Charles Sturt University  
Garvan Institute of Medical Research  
Intersect Australia Ltd  
Macquarie University  
NSW Health  
Southern Cross University  
The University of New South Wales  
The University of Sydney  
University of Newcastle  
University of New England  
University of Technology Sydney  
University of Wollongong  
Western Sydney University

### **ACT**

Australian Academic and Research Network (AARNet)  
Australian National University  
Commonwealth Scientific and Industrial Research  
Organisation (CSIRO)  
Council of Australian University Directors of Information  
Technology (CAUDIT)  
University of Canberra

# SUBSCRIBERS AND SERVICES

**101**

SUBSCRIBERS

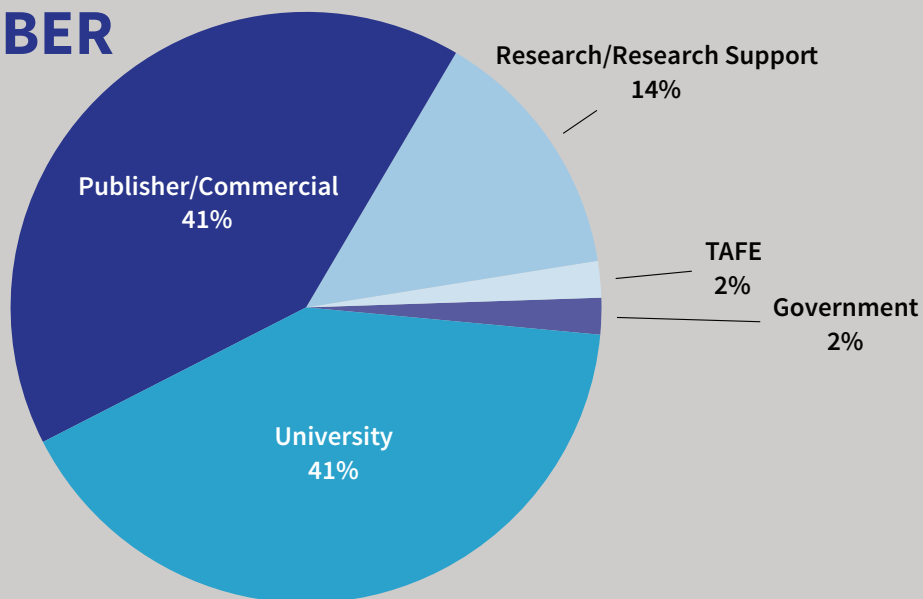
**11**

NEW SUBSCRIBERS

**265**

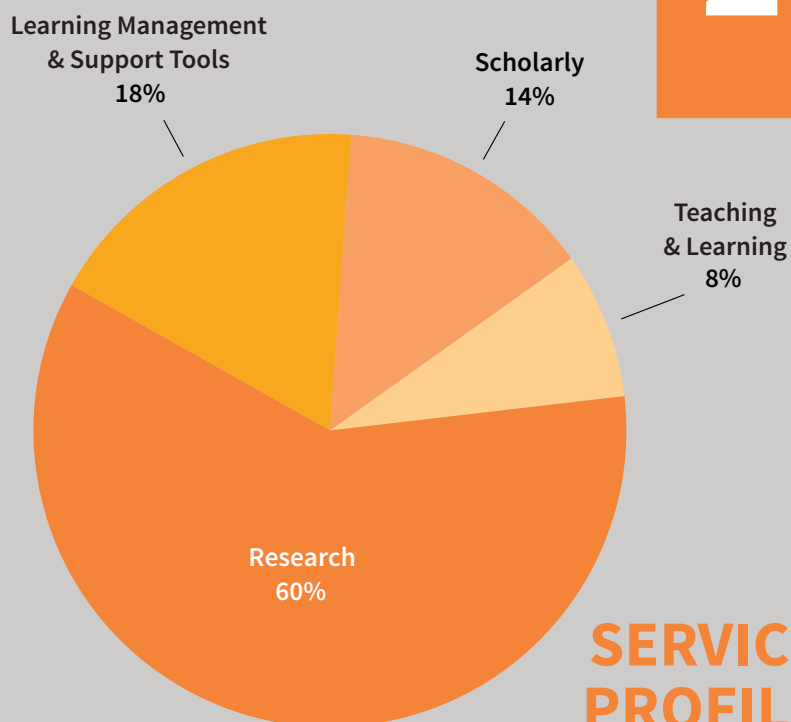
SERVICES

## SUBSCRIBER PROFILE



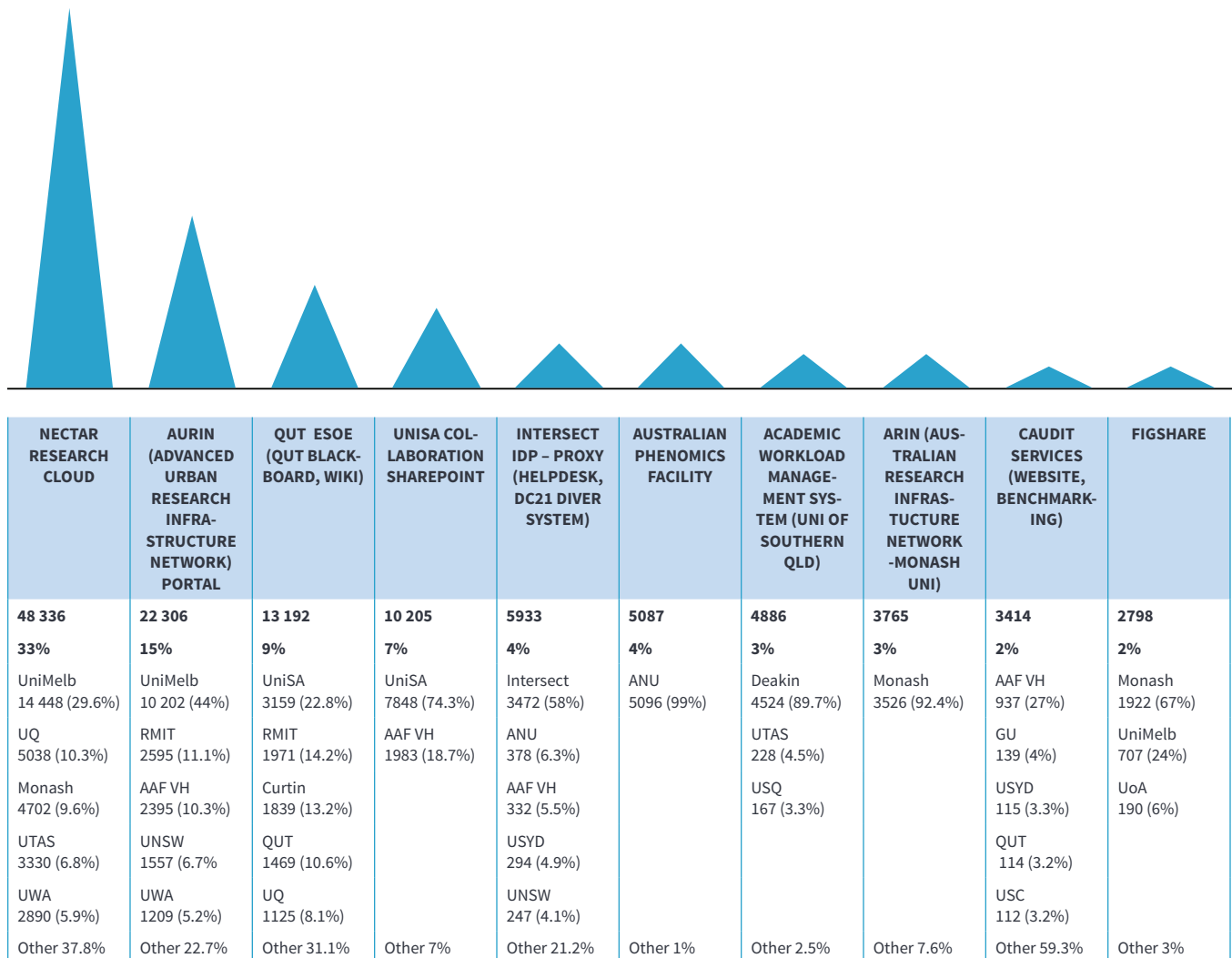
**270 000+**

SERVICE LOGINS



## SERVICE PROFILE

# TOP 10 SERVICES



## Other services – 18%

The Biodiversity and Climate Change Virtual Laboratory (Griffith Uni), Occupational Therapy Simulations (Deakin Uni), Monash eResearch Center HPC ID, Quadrant (QCIF), Western Australian Reciprocal Borrower (Curtin Uni), James Cook University Research Data Catalogue, UniSA — Research Data Management, CoESRA (Uni of Queensland) and others...

## GROWING THE AAF

In 2016 the AAF reached over 100 Subscribers. The AAF Business Development activities focused on target markets for growing the AAF subscriber base and professional service engagements. The AAF gained 11 new subscribers and completed numerous professional service activities both nationally and internationally. For continued growth and engagement opportunities the AAF has also gained accreditation or preferred supplier arrangements with:

- New South Wales — Advanced Supplier
- Queensland — GITC Accredited
- Victoria — eServices Panel approved supplier.

## ALIGNMENT OF POLICIES



INFORMATION SECURITY POLICY



REVISED DISASTER RECOVERY PLAN



BUSINESS CONTINUITY PLAN

NEW  
SOFTWARE  
EXTENSIONS



DISCOVERY SERVICE



REPORTING TOOL

SAAS



HOSTED IDP



EASIER TO JOIN THE AAF



NO ADDITIONAL INFRASTRUCTURE  
REQUIRED



SIMPLIFIES SKILLS & RESOURCE  
REQUIREMENTS



FAST SET UP TIME

### Next Generation AAF Project

Funded by the Department of Education and Training, this project created the next generation Australian Access Federation (AAF) infrastructure and products.

The project delivered three activities throughout 2016:

**Activity 1:** Alignment with policies against the Australian Signals Directorate Information Security Manual

- Migration of AAF's infrastructure to an Australian Signals Directorate certified hosting provider, Amazon Web Services
- A gap analysis of AAF's processes against the Australian Information Security Manual
- The refinement of policies and procedures including:
  - Information Security Policy
  - System availability targets

- Business Continuity Plan
- Disaster Recovery Plan.

**Activity 2:** Next Generation software extensions

- The delivery of a new Discovery Service that has laid the technical foundations for AAF to join eduGAIN as well as a revised user interface that offers better support for mobile devices
- A next generation reporting tool
- A pilot project with Intersect Australia Limited to look at non-web technologies.

**Activity 3:** AAF Software as a Service (SaaS) hosted Identity Provider (IdP) solution.

- Enable subscribers to connect to the federation without the investment in infrastructure and skills currently required.

The project commenced in July 2015 and is scheduled for completion in January 2017.



# INNOVATION AND STRATEGIC INITIATIVES

## Early Adopter Program

IN PROGRESS



In September 2016, the AAF launched an Early Adopter Program (EAP) following the success of the Next Gen Project and the development of the Software as a Service (SaaS) hosted Identity Provider solution.

The program achieved expressions of interest from the AAF subscriber community to take part in the initial release of the SaaS Hosted IdP solution (commences in 2017).

## eduGAIN

IN PROGRESS



Enabling Australia's national authentication framework (Federation) to connect globally is a multi-year program of work. In 2016 the AAF completed the first phase of this program of work by connecting an international R&E (Research and Education) service (LIGO — Laser Interferometer Gravitational-Wave Observatory) as a proof of concept.

## Data Lifecycle Framework Project

IN PROGRESS



This project is a joint undertaking between the AAF, ANDS, NeCTAR, RDS and AARNet.

The aim of the this project is to demonstrate value through a series of coordinated activities to support a whole of data lifecycle approach to support a number of National Collaborative Research Infrastructure Strategy (NCRIS) data-intensive capabilities.

The initial activity will be to provide a core suite of functional components for a selection of NCRIS and institutional partnerships.

## OpenID Connect — first steps to becoming multi-protocol

COMPLETE



The AAF embarked on the first steps to becoming multi-protocol. Funded by the NeCTAR Project, the AAF-NeCTAR OpenID Connect project was completed in November 2016. The project deliverable provided:

- Proof of concept
- Development of an experimental service that translates an OpenID authentication.

OpenID Connect has potential benefits for AAF subscribers by broadening the authentication options available in the future. The AAF is one of the first federations internationally undertaking this type of innovative work.

# PROFESSIONAL SERVICE ACTIVITIES

## Joint Universities Computing Centre (JUCC), Establishment of the Hong Kong Federation

COMPLETE



AAF was awarded the tender to supply professional services to JUCC for the establishment of the Hong Kong Federation.

In addition to Hong Kong, the AAF technology stack is now deployed in New Zealand, Singapore, and Russia.

## Identity Provider (IdP) Upgrades

COMPLETE



In 2016 the AAF was engaged by Subscribers to complete a number of IdP upgrades from Shibboleth V2 to V3. IdP upgrades were completed for:

- Western Sydney University
- Edith Cowan University
- University of Newcastle.

The AAF also developed an IdP V3 installer to assist organisations with completing this work themselves.

## University of Wollongong workshop – October

COMPLETE



In October, the Technical Engagement and Support Manager conducted a one day workshop to assist with the development of an Access Management and Single Sign-On (SSO) Strategy for University of Wollongong. The Workshop was also followed by a discussion with University of Wollongong researchers.

‘I’ve found the ansible build a very nice and clean way to handle the install – my thanks to those who put the work in.’

**Derek Jones**, Central Queensland University

‘As a highly virtualised business, the partnership with AAF was a critical component of provisioning our entire eResearch ecosystem in the cloud. We are now looking into other AAF member benefits that will help us optimise collaboration and reduce operation costs for our business and CRC partners.’

**Paul Reeve**, Director of Operations, Cancer Therapeutics CRC

id

‘I wanted to formally send thanks on behalf of ORCID for your contributions as a member of the ORCID Trust working group. Your feedback and input has been tremendously valuable as we crafted a program to provide greater transparency into the trust components that are foundational to ORCID principles.’

**Terry Smith**, ORCID Trust Working Group Member

**Laura Paglione**, Director of Strategic Initiatives, ORCID

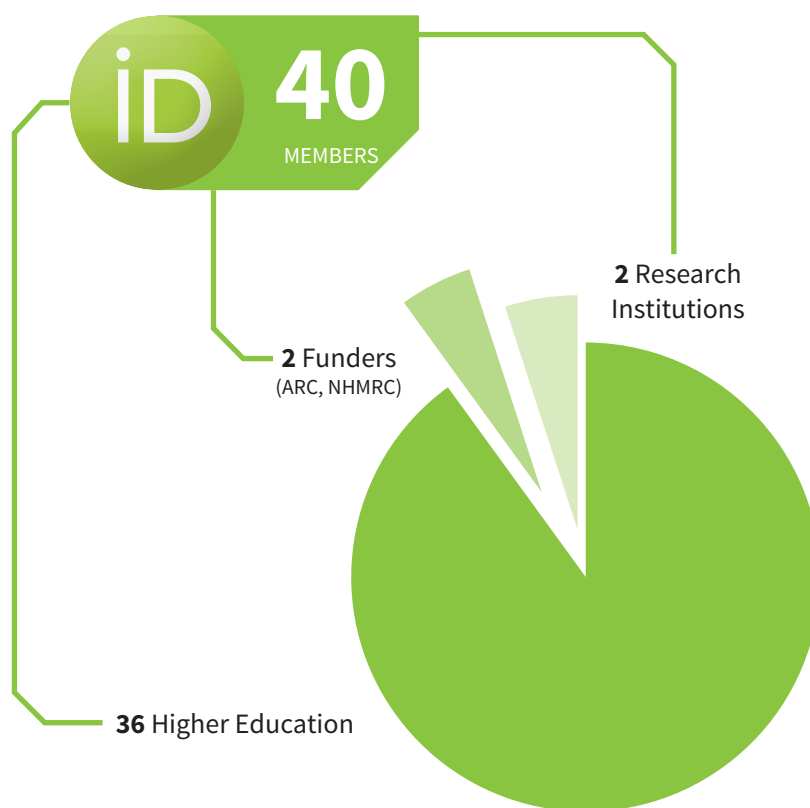
## Australian ORCID Consortium

- AAF commenced the role of Australian ORCID Consortium Lead on 1 January 2016
- Consortium launched by Senator Zed Seselja (for the Minister of Education and Training, Senator Simon Birmingham)
- The launch was held on 15 February 2016 at the ORCID Canberra Outreach meeting.

## ORCID resources

Throughout 2016 the AAF as the Consortium Lead, developed and collated a range of resources for ORCID members. These resources have been made publicly available on the ORCID Resources webpage ([aaf.edu.au/orcid/resources.html](http://aaf.edu.au/orcid/resources.html)) providing:

- Communication examples
- Training and webinar sessions
- Resources for planning an integration
- The Greenhouse ([aaf.edu.au/orcid/greenhouse.html](http://aaf.edu.au/orcid/greenhouse.html)) which provides:
  - Open source software
  - Installation guides
  - Integration examples.



## International recognition

Throughout 2016, the Consortium received consistent positive feedback from ORCID in relation to Australia's consortium structure, mode of operation and the work that the AAF as consortium lead had undertaken to advance ORCID within Australia for its members. ORCID identified lessons that others could learn from the Australian ORCID Consortium's accomplishments and identified the Australian model as a leading international example.

**3**

WEBINARS

**31**

INDIVIDUAL CONSULTATIONS WITH CONSORTIUM MEMBERS

## ORCID RESOURCES & GREENHOUSE

**1986**

PAGE VIEWS

**4**

NEWSLETTERS

**5**

CONFERENCES/  
EVENTS

**182**

SOLVED ORCID  
SUPPORT TICKETS

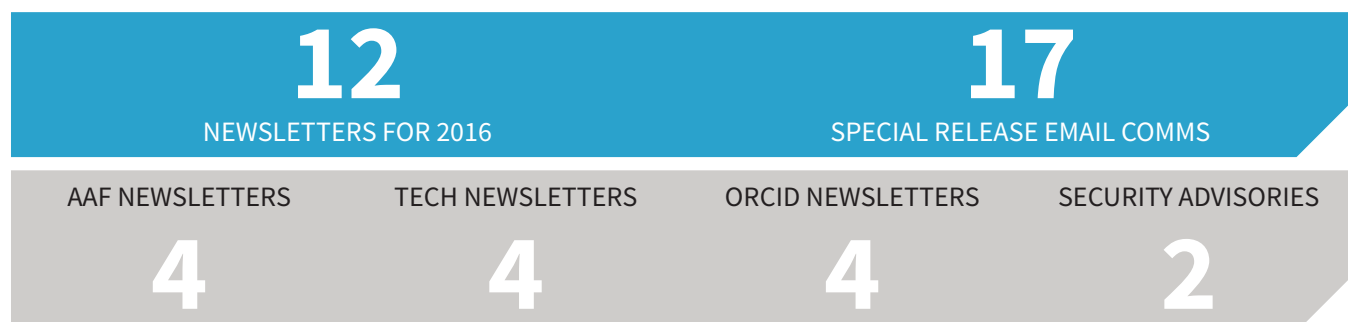
# COMMUNICATIONS AND SUPPORT

## AAF Web Statistics

In April 2016, the AAF released a new website with a fresh look and feel and simpler navigation. The website recorded 14 033 visitors in 2016 in comparison to 12 076 in 2015.



## AAF Newsletters and Email campaigns



## SUPPORT

During 2016, the AAF experienced a 28% increase in submitted support tickets in comparison to 2015. It should be noted that the increase in support tickets is connected to a number of initiatives that the support team have undertaken throughout 2016. This includes working with subscribers to upgrade from IdP V2 to V3 and the introduction of ORCID support.

## 2016 Support Desk Satisfaction Rating

Satisfaction Score	Response Rate	Percentage Surveyed
100%	32%	84%



# COMMUNITY ENGAGEMENT



ATTENDED  
**17**  
KEY CONFERENCES AND  
EVENTS

## AAF HOSTED **10** WORKSHOPS | EVENTS | WEBINARS

ORCID LAUNCH · ORCID WEBINARS X2 · APAN 42 IDM WORKSHOP · HONG KONG WORKSHOPS & IDM UNIVERSITY VISITS · ORCID OUTREACH MEETING · NECTAR WORKSHOPS X2 · UNIVERSITY OF WOLLONGONG WORKSHOP · LOCAL GOVERNMENT FORUM

## AAF PARTICIPATED IN

**INTERNATIONAL MEETINGS** FOR REFEDS, APAN, ORCID AND HONG KONG FEDERATION  
**NATIONAL MEETINGS** FOR AERO, ORCID WORKING GROUP, ORCID GOVERNANCE GROUP, QUDIT, NSW HEALTH, DATA LIFECYCLE & ERESEARCH FRAMEWORK

AAF PRESENTED  
**27**  
TIMES THROUGH 2016

## ANNUAL SUBSCRIBER SURVEY

In May 2016, the AAF released its fifth annual subscriber survey. The survey's aim was to capture our subscribers' needs, increase our understanding of future activities and priorities, and understand how our subscribers perceive the AAF.

Overall the survey indicated that subscribers were satisfied with the reliability and services offered by the AAF.

From the Survey there were four main recommendations which the AAF will consider as part of future strategic objectives. These recommendation categories included:

- Internationalisation: eduGAIN implementation and ORCID
- One stop shop: National authentication and authorisation solution, simpler deployment (SaaS solution), multi protocol (OpenID Connect)
- Business development: Continue to grow the federation, connect with more commercial/vendors and health
- Outreach and engagement: Reach out to a broader audience and develop community spaces.

# OUR PLAN FOR SUCCESS

## 2017–2018 STRATEGIC PLAN

### Be the identity broker for Australia's research and education community

- Attract new subscribers
- Grow new services connected to the federation
- Maintain the subscription base
- Remain aligned with Australian eResearch Agenda
- Establish key partnerships where mutually beneficial.

1

### Extend AAF services

- Expand AAF's identity and access management products
- Provide professional services
- Take leadership in facilitating and developing best practice federated identity management.

2

### Technologies and trends supporting global research and education

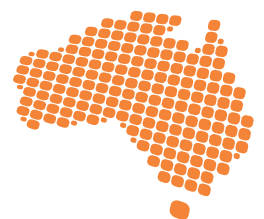
- Align with international federation initiatives to enable international access to federation services
- Continue to align with international federation initiatives through REFEDS (Research Education Federations)
- Become a global leader in federated technologies.

3

# KEY ACTIVITIES FOR 2017

- 1** Provide support services to ensure existing subscribers gain best value from their subscription.
- 2** Ensure the technology on which the AAF depends is appropriately maintained.
- 3** Continue partnerships, memberships and supporting international initiatives.
- 4** Provide compliance support activities associated with the Federation Rules and annual Compliance Statements.
- 5** Provide a range of professional services to support subscriber needs.
- 6** Develop and deliver bespoke Identity Management workshops on-demand.
- 7** Continuation of AAF's business development and innovation capabilities to further build upon the utility and value of the federation.
- 8** Undertake communication and engagement activities that focus on promoting the AAF's value proposition to subscribers, ORCID members and the international community.
- 9** Continue to be the ORCID (Open Researcher and Contributor ID) Consortium Lead for Australia.

The 2017 Business Plan and 2017–2018 Strategic Plan can be found at [www.aaf.edu.au](http://www.aaf.edu.au)





# INCOME STATEMENTS

**AUSTRALIAN ACCESS FEDERATION INCORPORATED**

**ABN 13 155 355 685**

**STATEMENT OF PROFIT OR LOSS  
AND OTHER COMPREHENSIVE INCOME  
FOR THE YEAR ENDED 31 DECEMBER 2016**

	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
<b>INCOME</b>		
AAF Subscriptions	937,651	813,540
Bank Interest	14,532	18,472
Project Income	1,271,925	450,546
Other Income	57,280	137,490
<b>TOTAL INCOME</b>	<u>2,281,388</u>	<u>1,420,048</u>
<b>EXPENSES</b>		
Staff Salaries & On-costs	1,548,118	1,122,216
General Operating Expenses	100,858	112,301
Project Expenses	464,081	67,750
Meetings & Events	93,116	72,868
Depreciation	16,593	10,309
Accounting Fees	22,219	19,250
Audit Fees	2,200	2,200
<b>TOTAL EXPENSES</b>	<u>2,247,185</u>	<u>1,406,894</u>
<b>NET CURRENT YEAR SURPLUS (DEFICIT)</b>	<u>34,203</u>	<u>13,154</u>
Total Other Comprehensive Income for the year	-	-
<b>TOTAL COMPREHENSIVE INCOME FOR THE YEAR ATTRIBUTABLE TO MEMBERS OF THE ENTITY</b>	<u>34,203</u>	<u>13,154</u>

**AUSTRALIAN ACCESS FEDERATION INCORPORATED**

**ABN 13 155 355 685**

**STATEMENT OF FINANCIAL POSITION  
AS AT 31 DECEMBER 2016**

	<b>2016</b>	<b>2015</b>
	<b>\$</b>	<b>\$</b>
<b>ASSETS</b>		
<b>Current Assets</b>		
Bank - Operating a/c	75,976	39,155
Bank – Online Saver a/c	1,602,107	1,164,514
Bank – US \$ a/c	159,322	82,400
Membership Debtors	1,084,186	939,547
Sundry Debtors	29,353	39,940
<b>Total Current Assets</b>	<u>2,950,944</u>	<u>2,265,556</u>
<b>Non-Current Assets</b>		
Equipment at wdv	32,340	27,146
<b>Total Non-Current Assets</b>	<u>32,340</u>	<u>27,146</u>
<b>TOTAL ASSETS</b>	<u><u>2,983,284</u></u>	<u><u>2,292,702</u></u>
<b>LIABILITIES &amp; EQUITY</b>		
<b>Current Liabilities</b>		
Payables & Accrued Expenses	263,404	160,109
GST liability	121,507	136,630
Prepaid Income – AAF	1,034,811	920,234
Prepaid Income – ORCID	486,916	404,180
Project Income in Advance	321,725	52,872
Employee leave entitlements	192,670	110,077
<b>Total Current Liabilities</b>	<u>2,421,033</u>	<u>1,784,102</u>
<b>Non-Current Liabilities</b>		
Employee leave entitlements	41,980	22,532
<b>Total Non-Current Liabilities</b>	<u>41,980</u>	<u>22,532</u>
<b>TOTAL LIABILITIES</b>	<u><u>2,463,013</u></u>	<u><u>1,806,634</u></u>
<b>NET ASSETS</b>	<u><u>520,271</u></u>	<u><u>486,068</u></u>
<b>MEMBERS FUNDS</b>		
Retained Surplus	520,271	486,068
<b>TOTAL MEMBERS FUNDS</b>	<u><u>520,271</u></u>	<u><u>486,068</u></u>

**AUSTRALIAN ACCESS FEDERATION INCORPORATED**

**ABN 13 155 355 685**

**STATEMENT OF CASH FLOWS  
FOR THE YEAR ENDED 31 DECEMBER 2016**

	Note	2016 \$	2015 \$
<b>Cash flows from operating activities</b>			
Receipts from operating activities		2,821,587	1,610,547
Interest received		14,711	19,130
Payments to suppliers and employees		(2,263,175)	(1,506,354)
<b>Net cash provided by operating activities</b>	<b>4(b)</b>	<u>573,123</u>	<u>123,323</u>
<b>Cash flows from investing activities</b>			
Payments for plant & equipment		(21,788)	(16,105)
Proceeds from disposals		-	-
<b>Net cash (used by) investing activities</b>		<u>(21,788)</u>	<u>(16,105)</u>
<b>Net (Decrease)/Increase in cash held</b>		551,335	107,218
<b>Cash at the beginning of the year</b>		1,286,069	1,178,851
<b>Cash at the end of the year</b>	<b>4(a)</b>	<u><u>1,837,404</u></u>	<u><u>1,286,069</u></u>

**STATEMENT OF CHANGES IN EQUITY  
FOR THE YEAR ENDED 31 DECEMBER 2016**

	Retained Earnings \$	Total \$
<b>Balance at 31 December 2014</b>	<u>472,914</u>	<u>472,914</u>
Net surplus (deficit)	13,154	13,154
<b>Balance at 31 December 2015</b>	<u>486,068</u>	<u>486,068</u>
Net surplus (deficit)	34,203	34,203
<b>Balance at 31 December 2016</b>	<u><u>520,271</u></u>	<u><u>520,271</u></u>

**AUSTRALIAN ACCESS FEDERATION INCORPORATED**

**ABN 13 155 355 685**

**NOTES TO AND FORMING PART OF THE ACCOUNTS  
FOR THE YEAR ENDED 31 DECEMBER 2016**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

**Basis of Preparation**

The Committee has determined that the Association is not a reporting entity because there are no users dependent on a general purpose financial report. The Association is a not-for-profit entity for Australian Accounting Standards.

The financial statements are special purpose financial statements prepared for the purpose of complying with the NSW Associations Incorporation Act 2009 and to satisfy the financial reporting requirements of the constitution and to meet the needs of the members of the Association.

The financial statements have been prepared on the basis of a Tier 1 association and the financial reporting exemptions provided by Class Order 11/01.

The Association is a medium registered charity and is subject to the ACNC reporting requirements.

The financial statements have been prepared in accordance with the mandatory Australian Accounting Standards applicable to entities reporting under the Tier 1 association exemption provided by Class Order 11/01 and the significant accounting policies disclosed below, which the committee members have determined are appropriate to meet the needs of members.

The financial report, except for the statement of cash flows, is prepared on an accruals basis and is based on historical costs and does not take into account changing money values or, except where stated, current valuations of non-current assets. Cost is based on the fair values of the consideration given in exchange for assets. The amounts presented in the financial statements have been rounded to the nearest dollar.

The following is a summary of the significant accounting policies adopted by the Association in the preparation of the financial report. These policies are consistent with the previous year unless stated otherwise.

**(a) Income Tax:**

The income of the Association is exempt from income tax under Division 50-5 of Income Tax Assessment Act 1997

**AUSTRALIAN ACCESS FEDERATION INCORPORATED**

**ABN 13 155 355 685**

**NOTES TO AND FORMING PART OF THE ACCOUNTS  
FOR THE YEAR ENDED 31 DECEMBER 2016**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES CONTINUED**

**(b) Income In Advance**

Income received for subscriptions from members and events which will occur in relation to the subsequent financial year are treated as income in advance

**(c) Income**

Interest revenue is recognised on a proportional basis taking into account the interest rates applicable to the financial assets.

Income from the rendering of a service is recognised upon the delivery of the service to the customer or based on the stage of completion of the service delivery at the end of the financial year.

All revenue is stated net of the amount of goods and services tax.

**(d) Goods & Services Tax**

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Taxation Office. In these circumstances the GST is recognised as part of the cost of acquisition of the asset or as part of an item of the expense. Receivables and payables in the Statement of Financial Position are shown inclusive of GST.

**(e) Equipment.**

Equipment is measured on the cost basis less depreciation and impairment losses.

Depreciation is calculated on a straight-line basis, over the useful lives of the assets to the Association commencing from the time the asset is held ready for use.

The carrying amount of equipment is reviewed annually by the Association to ensure it is not in excess of the recoverable amount from those assets. The recoverable amount is assessed on the basis of the depreciated replacement cost of the asset.

Equipment that has been contributed at no cost, or for nominal cost, is valued at the fair value of the asset at the date it is acquired.

**(f) Impairment**

At the end of each reporting date, the Association assesses whether there is any indication that an asset may be impaired. If such an indication exists, the recoverable amount of the assets, being the assets depreciated replacement costs, is compared to the assets carrying value. Any excess of the assets carrying value over its recoverable amount is expenses in the income statement.

**NOTES TO AND FORMING PART OF THE ACCOUNTS  
FOR THE YEAR ENDED 31 DECEMBER 2016**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES CONTINUE**

**(g) Staff Leave Entitlements**

Liabilities for staff salaries and staff leave entitlements expected to be settled within 12 months of the reporting date are recognised in current liabilities in respect of staff services up to the reporting date and are measured at the amounts expected to be paid when the liabilities are settled.

**(h) Comparative Figures**

When required by Accounting Standards, comparative figures have been adjusted to conform to changes in presentation for the current financial year.

**(i) Critical Accounting Estimates and Judgments**

The committee members evaluate estimates and judgements incorporated into the financial report based on historical knowledge and best available current information. Estimates assume a reasonable expectation of future events and are based on current trends and economic data, obtained both externally and within the Association.

**(j) New Accounting Standards for Application in Future Periods**

The AASB has issued a number of new and amended Accounting Standards that have mandatory application dates for future reporting periods, some of which are relevant to the Association. The committee has decided not to early adopt any of the new and amended pronouncements. The committee's assessment of the new and amended pronouncements that are relevant to the Association but applicable in future reporting periods is set out below:

AASB 9: Financial Instruments and associated Amending Standards (applicable to annual reporting periods beginning on or after 1 January 2018).

The Standard will be applicable retrospectively and includes revised requirements for the classification and measurement of financial instruments, revised recognition and derecognition requirements for financial instruments, and simplified requirements for hedge accounting.

AASB 16: Leases (applicable to annual reporting periods beginning on or after 1 January 2019).

When effective, this Standard will replace the current accounting requirements applicable to leases in AASB 117: Leases and related Interpretations. AASB 16 introduces a single lessee accounting model that eliminates the requirement for leases to be classified as operating or finance leases.

The transitional provisions of AASB 16 allow a lessee to either retrospectively apply the Standard to comparatives in line with AASB 108: Accounting Policies, Changes in Accounting Estimates and Errors or recognise the cumulative effect of retrospective application as an adjustment to opening equity on the date of initial application.

These Standards are not expected to significantly impact the Association's financial statements.

**AUSTRALIAN ACCESS FEDERATION INCORPORATED**

**ABN 13 155 355 685**

**NOTES TO AND FORMING PART OF THE ACCOUNTS  
FOR THE YEAR ENDED 31 DECEMBER 2016**

**NOTE 2: ASSOCIATION DETAILS**

The Australian Access Federation Incorporated is an incorporated association under the New South Wales legislation Associations Incorporation Act 2009.

***The registered office of the Association is 10 Nyora Place, Jerrabomberra, NSW, 2619***

The principal place of business of the association is Building 9, Banks Street, Yarralumla, ACT

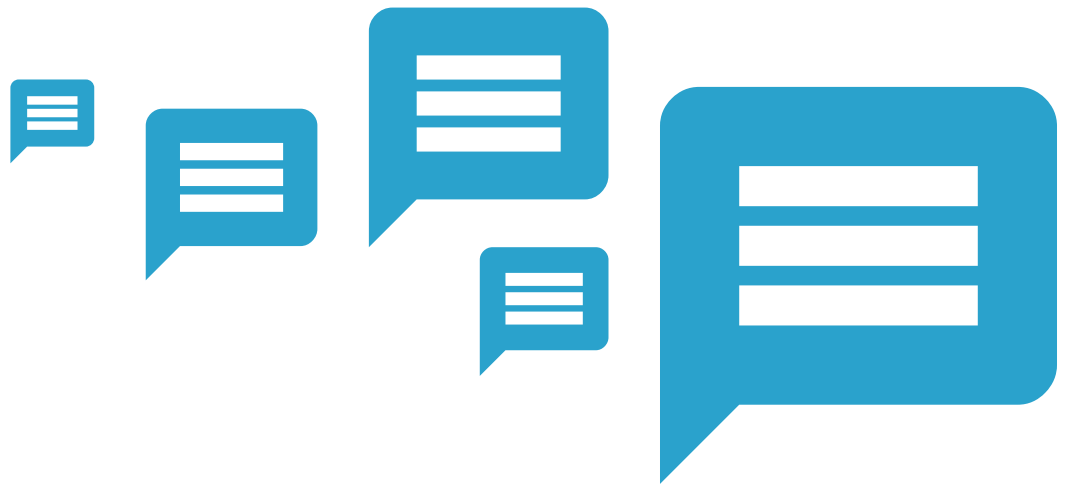
**NOTE 3: EVENTS AFTER THE REPORTING DATE**

Since the end of the financial year there have been no material post balance date events that could affect the financial position and performance of the Association.

The financial report was authorised for issue on the date the Committee Report was signed and dated.

**NOTE 4: CASH FLOW INFORMATION**

	2016	2015
	\$	\$
(a) Reconciliation of Cash		
Bank - Operating a/c	75,976	39,155
Bank – Online Saver a/c	1,602,107	1,164,514
Bank – US \$ a/c	159,322	82,400
Cash at the end of the year	<u>1,837,404</u>	<u>1,286,069</u>
(b) Reconciliation of the operating surplus to the net cash provided by operating activities:-		
Operating surplus/(deficit)	34,203	13,154
Gain on disposal/write off of plant & equipment		-
Depreciation and amortisation	16,593	10,309
Movement in assets and liabilities:-		
Decrease/(Increase) in receivables	(144,639)	(345,546)
Decrease/(Increase) in prepayments/ Other Debtors	10,587	(14,934)
(Decrease)/Increase in creditors/accruals	88,172	40,159
(Decrease)/Increase in prepaid income	466,166	374,932
(Decrease)/Increase in Employee liabilities	102,041	45,249
Net cash provided by operating activities	<u>573,123</u>	<u>123,323</u>



'Representing the sector on key issues involving research identity and access.'

'Has a sustainable business model, based on broad-based subscriptions.'

'Responding to issues and improving services.'

'Developing useful tools for subscribers.'

'Approachable for help with any problems.'

'Provides a robust, trustworthy, federated service across a large community.'

'Developing new technologies for IM.'

'Supporting QCIF's operations with authentication services.'

'Provides good sector level leadership.'

**We asked our subscribers what was important to them and how we were going — this is what they said...**

@ Michelle Barker  
**Michelle1Barker**

Heath Marks  
@ausaccessfed listing the many international organisations running AAF software stack, very impressive.

@ Natasha Simons  
**n\_simons**

Just caught up on excellent webinar: Understanding #ORCID Integrations by @M3LROY @ausaccessfed <https://www.youtube.com/watch?v=z9lPhoAPw38> ... Highly recommend!

@ Sam Searle  
**datalibsam**

@ausaccessfed has lots of useful new Oz #ORCID consortium content on their site <https://aaf.edu.au/orcid/resources.html> ...

@ AERO  
**AeRO\_eResearch**

*AeRO Retweeted RDS Project*

Simplifying #socialmedia – 10 commandments you should know! Great pres by @retta\_davis and Elleina from @ausaccessfed #eResAu16 #ereseach

Member of the Australian eResearch Organisation (AeRO)



Supported by the Council of Australian University  
Directors of Information Technology



Supported by the Australian Government  
through the Department of Education and Training



Australian Government  
Department of Education and Training

## AAF Inc. Contacts

### Enquiries

[enquiries@aaf.edu.au](mailto:enquiries@aaf.edu.au), [www.aaf.edu.au](http://www.aaf.edu.au)

### Support

[support.aaf.edu.au](mailto:support.aaf.edu.au)

### Executive Committee

Mr Bruce Callow, President, AAF Inc., [president@aaf.edu.au](mailto:president@aaf.edu.au)

### AAF

Mr Heath Marks, CEO, [heath.marks@aaf.edu.au](mailto:heath.marks@aaf.edu.au)

The image features a stylized logo and slogan. The logo consists of the letters 'AAAF' in a large, bold, sans-serif font. Below it, the words 'LOOKING TO THE' are written in a smaller, all-caps, sans-serif font, followed by the word 'FUTURE' in a larger, bold, sans-serif font. The entire text is rendered in a light yellow color against a background of orange and yellow wavy shapes.

**AAAF**  
LOOKING TO THE  
**FUTURE**

