

AUSTRALIAN WATER

ASSOCIATION

Year in Review 2022-23

The Australian Water Association acknowledges the Traditional Custodians across Australia, where we live, work and play, for their deep connection to our precious waters and land. We pay our respect to Elders past and present, and the ancestors who have cared, protected and nurtured Country for many thousands of years.

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Strategic Goals and Focus Areas

As part of Strategy'25, we have three overall strategic focus areas and 2 enablers.

Focus Area 1 MEMBER EXPERIENCE

By 2025, our members will be more diverse, connected and included, have impact and influence, have developed as professionals and celebrated success together.

Focus Area 2 WATER FOR SUSTAINABLE & RESILIENT COMMUNITIES

By 2025, we will be recognised for our thought leadership and programs in Australia, South –East Asia and the Pacific that promote and deliver sustainable water outcomes for all.

Focus Area 3 INDIGENOUS & COMMUNITY COLLABORATION

By 2025, National Water Week will deliver a stronger voice for water to the community and students.

We will create a culturally safe space for the sharing of Indigenous water management practices and celebrate collaborations that deliver positive change.

Enabler PEOPLE & CULTURE

By 2025, we will have reinforced a culture for people who care about a sustainable water future. Our people are connected, collaborative, innovative, commercial & entrepreneurial. We embrace inclusivity for a sustainable water future.

Enabler DATA & DIGITAL

By 2025, we will deliver a personalised member experience, valued online library, data-driven actionable decisions, with our digital capabilities supporting the team's optimal ways of working.



2023 Member Service Awards

Exceptional Service

Darryl Day, CEO, Peter Cullen Trust

[nominated by SA Branch]



Lifetime Achievement

Kuruvilla Mathew, Director of UNEP Environmental Technology Centre, WA.

[nominated by WA Branch]



Lifetime Achievement

Paul Byleveld, A/Director Environmental Health Branch, NSW Health

[nominated by NSW Branch]

Exceptional Service

Carmel Krogh, Sole Trader

[nominated by NSW Branch]



2023 Australian Water Awards

Our annual Australian Water Awards aim to recognise and promote the outstanding achievements and contributions our members make to the water sector and wider community. Below are the winners.



Australian Stockholm Junior Water Prize

SolarCyanoSlayer - An Eco-Friendly Elimination of Cyanobacteria Mikayla Rodger, Meriden School



Student Water Prize

Turning Waste into a Resource: Developing Novel End-Use Pathways for Water Treatment Sludge Minh Duc Nguyen, Deakin University



Young Water Professional of the Year Award Chelsea Hayward

Senior Process Engineer, Jacobs



Water Professional of the Year Award

lan Law Principal, IBL Solutions



WINNERS





R&D Excellence Award Goyder Institute Healthy Coorong, Healthy Basin Research Program

The Department for Environment and Water, Flinders University, the University of Adelaide, The University of South Australia, and other contributing organisations



Organisational Excellence Award

Activating South Australia's Reservoir Reserves for Recreation
SA Water



Infrastructure Project Innovation Award (Regional)

Jubullum Aboriginal
Community Water Project
Department of Planning and
Environment, Clarence Valley Council
and Ecoteam



Water Industry Safety Excellence Award Epsom Main Sewer Relining Melbourne Water



Customer Experience Award Leak Alert Program South East Water



Best Water E-Journal Paper
- In Honour of Guy Parker
Evaluating and Comparing
Circular Economy options
in Yarra Valley Water's 2030
Strategy

Lisa Ehrenfried, Jodie Bricout, Tim Grant and Francis Pamminger



Infrastructure Project Innovation Award (Metro)

Australia's First Biosolids Gasification Facility

The Logan Water Partnership: Logan Water, Downer, WSP, Stantec and ARENA

236 Award submissions received

National, State and Territory Events Program

With 90+ events ranging from conferences to webinars and awards dinners, there were plenty of opportunities for members and non-members to share, connect and inspire. In-person event attendance continued to grow this year and we maintained online event offerings to extend our reach to more members.



11 Dinners 10 Conferences

18
Sundowners,
Networking
& Tours

"AWA events provide a great platform for sharing, connecting and inspiring the industry to drive towards a sustainable water future."

Alan Toomey, CWN Water – Director of Operations, Jacobs

6
Breakfasts &
Lunches

93

events in total

9

Webinars

"AWA Events provide very good content that is relevant to my role in the water sector. They are great networking opportunities."

Rachael Nuttall, Business Development Manager, SUEZ

11

Young water Professional 23
Technical
Events &
Forums

Mentoring
Program
Events



Ozwater'23



Theatrette & Exhibition Stand Awards



Yarning Circles



Gala dinner native trees donated to local schools



International delegates returning post-Covid



Education Program at Ozwater'23

The program gives school students the opportunity to connect with water professionals and understand more about the Australian water sector and water career pathways.

150

Secondary school students participated in an industry immersion program

The Education
Program featured
an Exhibition Tour
for all students

Industry presentations introduce students to the range of different disciplines, companies and opportunities within the water sector

50

Year 7 students participated in a STEM problem-based learning program, with a key workshop facilitated at Ozwater

AWA Members participated as mentors and panellists

Water Leaders Forum

This year's Water Leaders Forum hosted a panel discussion with global speakers that considered alternative ways to think about how we work towards a more connected, inclusive and equitable water future that inspires positive change. The panelists challenged attendees with impassioned remarks that often left the room sitting in silent self-reflection.





Panel highlighted how the water sector can learn from First Nations approaches to water management



107
senior leaders in water gathered to discuss pressing issues



Senior water leaders were challenged about what they want their legacy to be

Directors Program

88 senior leaders attended the Directors Program, held on the first afternoon of Ozwater'23. Attendees were challenged to be inventive and use nexus and systems thinking, as the panels highlighted the need for cross-sector collaboration and community engagement.







The first panel explored how executives and boards are approaching the development and implementation of ESG strategies, with a focus on decarbonisation and the role the water community can play in spearheading a path to net-zero.





The second panel looked at how water affects livability and how creative leadership and Indigenous engagement can contribute to improved equity, well-being and social outcomes.









Specialist Networks

Our 11 Specialist Networks provide a platform for members to share expertise across water management specialisations. The networks are overseen by volunteer committees of water professionals and practitioners committed to sharing information. Members can opt in to be part of any of the Specialist Networks.

702



699

Catchment Management

605

472

697

833

637





Water for All

526



706

Water Quality



& Education

904



Management

Desalination

Industrial Water & Trade Waste

Operations

& Remote Water

Regional, Rural

Efficiency

Recycling

*Member numbers per Specialist Network

Some of the Specialist Network highlights throughout the year were...

The Desalination Specialist Network held a live Member Circle in the Ozwater'23 Theatrette. The discussion highlighted new developments in desalination including government investment in water security; transition to sustainable desalination plants in the future; and innovations in desalination technology

The Operations Specialist Network held a Member Circle in September around the key issues of safety and identifying and managing illegal discharge into trade waste. Paul Dixon and Cain Taylor outlined Veolia's "Always Safe Culture Program" that put safety at the forefront of all staff's mind,

The Water Literacy and Education Specialist Network held a live Member Circle focussing on general water knowledge delivered as a fun and interactive guiz on the exhibition stage at Ozwater'23. Participation was encouraged in the 'Wat-er you know' quiz and winners were deemed 'Water xSpurts'

There were 12 Member Circles held during 2022-23 and an additional 7 Ozwater'23 workshops held at the ICC, Sydney

The key activity for the Catchment Management Specialist Network in 2023, building on the network's National Source Water Protection Statement and principles, was the facilitation of a Panel Session at Ozwater'23 on the multiple values and benefits catchments provide.



Branch Achievements



The annual Gala Awards Dinner was attended by a record crowd of more than 400 delegates, shortly followed by YWP favourite, the Amazing Race. The Queensland Conference in Cairns brought together delegates from regional and metropolitan areas and we celebrated the end of the year with a Sundowner tour of a craft brewery. The year got off to a great start with the launch of the Mentoring Program with 35 pairs participating, and a sellout crowd of 300 at the Industry Breakfast. The Branch hosted several technical events, and for the first time, hosted a regional technical event in Bundaberg.





A very successful year with record attendance numbers being achieved across a number of major events such as the Gala Dinner with nearly 320 attendees all having a great time with the Regatta theme, 33 Award submissions and finalists, 129 attending the Minister's Breakfast, 83 delegates turning up for the YWP Forum on Water Resourcing for Our Future, and 10 teams vying to win the Amazing Race. The State Conference was reinstigated after a hiatus of over 2 years with outstanding keynotes and a 3-stream program and 127 delegates attending on the theme of "Water Matters - Envisaging Our Future"





A very inspiring year with many major projects currently in Tasmania. Two new corporate members, including City of Launceston (Local Council), our only member from this level of government in the state. Many successful events throughout the year including the State conference 'Where the Waters Meet'. a last minute reschedule due to the Queens passing did not affect attendance numbers. The Industry Breakfast in July had a Stormwater focus and was very popular with over 100 guests. Highlight on the YWP calendar of events was the site visit to TasWater Pump Station and Hudson Civil Concrete Plant in Launceston. We welcomed 4 new Branch Committee members.



Branch Achievements



Another successful ACT Water Matters Conference took place in late June 2023 with a record turnout.

Various site tours, including Wetlands and Googong Water Recycling Plants, were sometimes merged with ACT Sundowners to allow ACT Members to experience fully fledged events.

ACT received above the stretch goal for new memberships.



NSW was home to prominent member tailored events including the Legends of Water, Industry Breakfast, Young Water Professionals Regional Hub and State Conference.

NSW Member Ian Law took out the National Water Professional of the Year prize.

NSW high school student Mikayla Rodger was awarded the Australian Stockholm Junior Water Prize



A successful 33rd annual Water in the Bush conference took place in October with a record number of delegates. We also received our highest event number of NT Water Award nominations.

A Science in the Pub sundowner was held in June in conjunction with the IWA WaterMicro23 Symposium in Darwin.

AWA Life Member and past National President, Darryl Day, was awarded the Association's highest honour in receiving the Exceptional Service Award, which was presented during Ozwater'23.







Branch Achievements



The revamped Vic YWP Regional Study Tour, replacing the old YWP Conference, was a resounding success, selling out. With the return of the two-day format, we explored more regional Victoria sites. Highlights included a Welcome from Greg of Wadawurrung Country, insights into the bond between First Nations and water; presentations from Deakin Uni on Smart Water Networks; and an interactive DELWP workshop challenging our water literacy. A key lesson was our collaborative work within the water sector, connecting us with interdisciplinary partners encountered during the tour.





Another successful regional multi-day tour was held in the Great Southern region in March 2023, visiting sites across Albany and Denmark, with a focus on the blue economy. Delegates from beyond WA attended and sites included the UWA Marine Energy Research Australia Centre, Albany and Denmark WWRPs, Tree Farm, Wilson Inlet River, WSUD walking tours of award-winning projects in Albany, followed by a distillery tour.

Dr Kuruvilla Mathew from Murdoch University received the Lifetime Achievement Award at Ozwater'23, becoming the state's 5th Life Member.





Leading Global Practices for Smart Resilient Cities webinar explored innovative solutions to building more resilient cities and systems across many social-technical contexts, from cities in advanced economies to developing cities and from large cities to small island states.

Moderated by IWA President Tom Mollenkopf and featuring speakers from four different countries; Professor Tony Wong (Australia), Associate Professor Fanlin Meng (China), Dr. Amit Chanan (Fiji) and Sarah Hiong (Singapore).



Member Overview & New Members

This year has seen moderate growth in membership numbers across Individuals (322 new members) and a net growth of 16 Corporates. Retention rates for Individuals (86.6%) and Corporates (96.5%) are strong and are higher than previous years. Our overall NPS is sitting at +10, which shows members are happy with the products, services and initiatives undertaken by AWA.

Corp	oorate	Mem	bers
------	--------	-----	------

22

23

Principal

Platinum

Gold

286

Silver

168

Bronze

15

University

Total Individual Members 5129

968

268

204

Professional

Discounted Professional Concessional

2735

Student

Nominated Professional Life

Membership Upgrades

Thanks to the 11 corporate members who upgraded throughout the year.

















Our Principal Members

We would like to thank all of our members for their ongoing support. In particular, we thank our Principal Members, who provide the highest level of membership support to the Association

















Challenging today. Reinventing tomorrow.



























Water for Sustainable and Resilient Communities

International Development Program

With support from the Australian Government, we create opportunities for our members to contribute to achieving Sustainable Development Goals in South East Asia and the Pacific. Our work in 2023 focused mainly on Cambodia, Vietnam, Indonesia and the Pacific. Our highlights were:

Knowledge exchange programs

Cambodia – Australia Wastewater Knowledge Exchange Workshop



- AWA designed and delivered a two-day workshop with leading Australian wastewater experts from our membership, enabling Cambodian water sector leaders to build and exchange knowledge.
- The Cambodian Ministry of Public Works and Transport, Ministry of Economy and Finance, and the Ministry of Industry, Science, Technology & Innovation, explored how the Australian wastewater journey might inform their work to refine wastewater laws, policies and strategies.
- Supported by the Australian Embassy in Phnom Penh, the Department of Foreign Affairs and Trade (DFAT) and Partnerships for Infrastructure.

Capacity building programs

Partnerships for a Resilient & Climate Smart Water Sector Program



- A unique opportunity for members of AWA and its international partners to address common water sector challenges and work towards achieving Sustainable Development Goals (SDGs) in the Asia-Pacific region.
- Funded by the Australian Government via the Australian Water Partnership, the Program features six partnerships, with activities in Vietnam, Indonesia, Tonga, and the Solomon Islands.
- Program activities are contributing to improved climate resilient water management, asset management, low carbon futures, energy efficiency, incident management, and business resilience.

Inbound study tours

Cambodian delegation to Ozwater & study tour in Newcastle



- AWA was engaged by CAPRED to deliver a tailored program for fourteen delegates from Cambodian Government ministries, water authorities, the Cambodian Water Association & DFAT
- Australian participants included AWA corporate members; Hunter Water (study tour host), DPIE, coNEXA Infrastructure Partners, and Veolia
- Key stakeholders committed to ongoing water sector strengthening (FY24 and beyond) including; policies and practices for capital investment, IWM, collaboration, and innovative technologies.

International Trade Program

We create opportunities to connect our members with markets overseas and facilitate access to Australian Government assistance where available.



Australian Trade Delegation to Vietwater'22

- AWA's first outbound trade delegation since the pandemic, provided the opportunity for 7 corporate members to connect their innovative products and services with over 9,900 attendees from the Vietnam water market via an Australian Pavilion at Vietwater'22.
- The delegation was led by AWA's CEO Corinne Cheeseman and supported by the Australian Consul-General to Ho Chi Minh, Austrade, Investment NSW, Global Victoria and Invest & Trade WA.
- The Australian Consul-General to Ho Chi Minh, Ms Sarah Hooper, hosted a welcome reception for the delegation with invited guests from the Vietnam water sector.
- Saigon Water Corporation (SAWACO) hosted an Australia-Vietnam Water Sector Workshop for the delegation with senior representatives from VWSA, SAWACO, Can Tho Water Utility and An Giang PCERWASS.

Vietnam Water Market Intelligence

In partnership with Investment NSW's Going Global Export Program, AWA conducted water market intelligence research to identify key bodies and decision makers in the North-Vietnamese market and highlight potential market opportunities for NSW-based water businesses.

- 18 organisations identified in the North Region of Vietnam
- 16 in-depth surveys by key organisations in the North Vietnamese water sector
- 21 interviews with key personnel in these organisations
- 6 site visits to key water and wastewater bodies in the region

This project provides strong insight and intelligence for AWA's members seeking to expand their business in the Vietnam water sector.



Australia & New Zealand Biosolids Partnership

Australia and New Zealand Biosolids Partnership (ANZBP) provides a platform to bring together utilities, consultants, academics and government agencies to progress and champion the sustainable management of biosolids. Driven by this purpose, in 2022-23, ANZBP achieved the following:

Increasing Engagement

21 member organisations 500+ active individuals 810 followers on LinkedIn



National Biosolids Conference

2 international keynotes 24 presentations 3 panel discussions 5 trade exhibitors 200 delegates

Lunch & Learn sessions

8 presentations 400+ attendees



New Members

ALS **ARC Training Centre for the Transformation of Australia's Biosolids Resource RMCG**

Newsletters

highlighting biosolids news and regulations, research developments, and publications

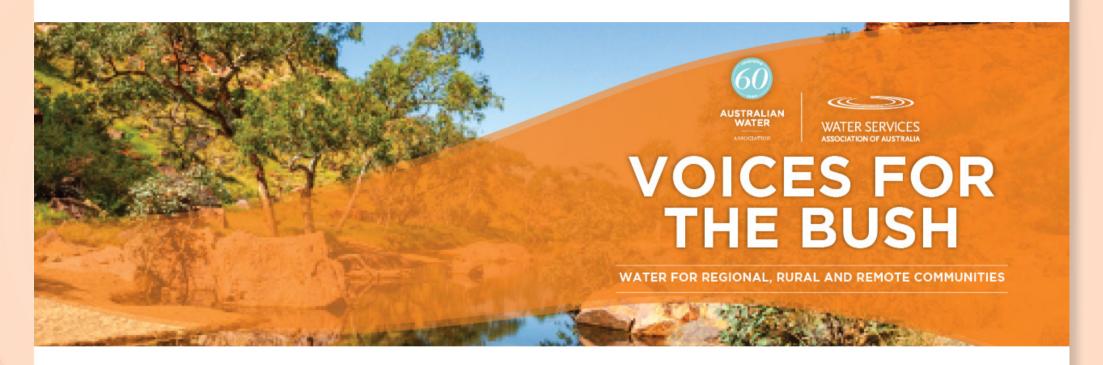
Australian & New Biosolids Partne

ANZBP is an AWA Industry Program funded through ANZBP member organisation contributions and guided by the expert knowledge of the ANZBP Advisory Committee.

Indigenous and Community Collaboration

Voices For the Bush Conference 2022

AWA and WSAA were delighted to host the inaugural Voices for the Bush conference in Alice Springs in August 2022. The conference was an opportunity to bring together decision-makers and policymakers from water utilities, service providers, government agencies and consultants to share knowledge for developing, maintaining and operating smaller water supplies for Indigenous and remote communities and local governments in regional, remote and rural Australia.





Issues raised highlighted the need for Closing the Gap, water quality and health, technology and innovation, and managing source security and quality



238
delegates
gathered in
Alice Springs
and online



AWA's first yarning circles were held to allow our members to experience this First Nations cultural practice

National Water Week 2022

National Water Week makes a splash across Australia every third week in October. Our goal is to reach the wider community to raise awareness about water and increase engagement through events and competitions held during the week by our members. The theme for 2022 - "Our Water Stories" invited the community to explore their own stories and imagination through past, present, and future lenses.

7,089 9,867 Impressions for top **Total page views** 3 AWA social posts on the website in October NATIONAL 55,000 3,588 WATER WEEK Facebook group reach for **Entries into the Ambassadors** school poster **Program** competition Ambassadors NATIONAL **Schools** welcomed



Ambassadors into their classrooms



Diversity and Inclusion

We continue to show our support for the LGBTIQA+ community and our support of Pride in Water who held an activation space at the AWA stand during Ozwater'23, leading to many sign-ups with partner organisations and pledges to make water-based companies and organisations a safe space for those in the LGBTIQA+ community.

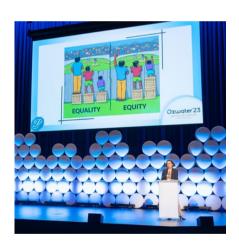
In Indigenous engagement, all significant events included a Welcome to Country. We further developed a Reconciliation Action Plan (RAP) and showcased the artwork of the RAPs of many of our members in the Exhibition Hall at Ozwater'23.

In gender equity, we continued to champion women's equality, with numerous webinars, events and articles focused on women working in the water industry, including Casey Hardy.

Co-founders, Chairs and Members of WaterAble and Pride in Water recorded an hour-long podcast for the Ozwater'23 United by Water season sponsored by Schneider Electric, with Donald Hughan from WaterAble stating

"The industry is moving in the right direction in terms of inclusion for people with a disability"





41% female

speakers and panellists

15
Indigenous

speakers and papers at AWA events

48%

femaleWater Source

articles

12%

Water Source articles with

Indigenous content



Young Water Professionals

The YWP Program attracts, engages and empowers young water professionals and emerging leaders and is supported by the YWP National Taskforce and all Branches. YWP initiatives engage all professionals across the water sector in Australia, although the activities focus on professionals below the age of 35 or with less than 10 years of experience.



The Ozwater'23 Young
Water Professionals Program
included a keynote address by the
2022 YWP of the Year, Michael
Carter, and presentations about the
importance of data and embracing
digital transformation and a
workshop to explore the
opportunities to make our
communities more resilient
as we deal with the
changing climate.



"I have been able to get a new job, new committees, contributed to initiatives like papers on climate change at COP26 and have learnt from people who have become lifelong friends."

Steve Adamthwaite

68

Delegates at
Ozwater'23 YWP
Program

11

YWP events across Australia

132

Mentoring pairs across Australia

18

Article contributions to Water Source

87

YWPs represented on committees

Mentoring

Mentoring was hugely successful with our highest number of pairs for Victoria, QLD and NSW/ACT totalling 132 Mentor/Mentee pairs.

Mentoring Program 2022-23 by Branch					
Branch	No. of Mentor Mentee Pairs				
NSW/ACT	31				
VIC	42				
QLD	35				
WA	4				
SA	14				
TAS	6				

"I found the virtual experience of being mentoring extremely beneficial to my personal growth."

- Andrew Waltz

"This experience helped me to understand a bit more about women in leadership, career pathways and working relationships. The more people I meet, the more of an idea of the industry and its people I can develop. I'm always trying to learn and expand my network, so it's hard to really put into words the specific learnings from this experience alone. Nat was also a great listener to it was easy for me to talk, talk, talk, so a self-reflection was to just stop talking and ask more questions of the other person in my day-to-day life!"

- Chantal Keane









Water Source

150,833
Site Users

Source Newsletter

422,578Newsletter recipients

28% Average open rate

5.47%Click rate (23,021 clicked)

Top 3 most popular stories

The best of Ozwater'23

World-first treatment technology set to tackle nutrient runoff in the Great Barrier Reef and beyond





How a Queensland council ended 20 years of water restrictions



Digital Channels



27,784 Followers(up from 21,944)



6,176 Followers (down from 6,208)



5,990 Followers (up from 4,850)



670Followers
(up from 598)



1,127 Followers (up from 904)

Top 3 Posts

Impressions: 22,410

Clicks: 630



Impressions: 22,410

Clicks: 630



Impressions: 22,410

Clicks: 630



Podcasts

297

Downloads of most popular

podcast

15

New Podcasts

2,991

Podcast Downloads

This year's podcast series centered on the theme of 'United by Water'

Topics discussed in the 'United by Water' podcast episodes include spotlighting women in STEM, graduate programs, water security, resilience, net-zero efforts, diversity and inclusion and interviews with key influential figures in the water industry.

Podcasts were added to Spotify/Apple/YouTube and other podcast platforms.

Water Source article recaps of each podcast referred to the 'United by Water' season.



Publications

Our print and digital publications are channels to showcase what our members are doing across the water sector. Current magazine was published in April 2023 and has featured stories on Indigenous topics, water sector mentoring partnerships, workplace diversity and innovation. The Water e-Journal continues to publish case studies and research on a variety of water issues.



Best Water e-journal
Paper: Evaluating
and Comparing
Circular Economy
options in Yarra
Valley Water's 2030
Strategy
(401 page views)



Authored by L Ehrenfried, J Bricout, T Grant, F Pamminger



Financial Performance Overview

The Association had another successful year and achieved a surplus of \$984K in the full year 2022-23. It is largely contributed by the outstanding Ozwater'23 conference held in Sydney.

The strong financial result has set the Association in an even more sustainable position to allow investment in new technology, staff capability, culture and strategic programs in the coming years.

Financial performance for the year ending 30 June 2023 was:

Operating Surplus:

\$984K

Down 11% on 2021/22

Total Revenue:

\$10,445K

Up 12% on 2021/22

Total Expenses:

\$9,461K

Up 15% on 2021/22

Our five-year performance summary is outlined below:

\$'000	2018/19	2019/20	2020/21	2021/22	2022/23
Revenue	\$8,507	\$5,317	\$7,638	\$9,292	\$10,445
Operating Expenses	\$7,792	\$6,332	\$6,006	\$8,192	\$9,461
Operating Surplus	\$715	\$(1,015)	\$1,632	\$1,100	\$984

Our financial position continues to grow, and our net assets has increased to \$7.5M. The total revenue was up by 12% driven by membership subscriptions and event related revenue – delegates, exhibition and sponsorship as Ozwater'23 has delivered an outstanding result. Additional funds were also received from winding up our subsidiary company WaterAustralia Solutions. Total expenses were up by 15% due to increased event related costs, staff and IT costs as we invest in staff capability and new technology.

Full details on AWA's FY23 financial performance are available in our Annual Report.





We would like to thank our committed volunteers and staff for all that they do, as we work towards a sustainable water future.