



**THE AUSTRALASIAN
CORROSION
ASSOCIATION INC.**

ANNUAL REPORT

2024

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ABOUT US

Who we are

The Australasian Corrosion Association (ACA) is the leading body for the handling and mitigation of corrosion and its impacts across Australia and New Zealand. An internationally recognised association with accredited training courses, annual conferences, and networking opportunities, the ACA provides support across diverse sectors to provide the best knowledge and experience across the corrosion industry. As a non-for-profit membership-based association, we serve our members in disseminating information about corrosion in all its forms. The ACA will continue to evolve and adapt to emerging forms of corrosion to support its membership in combatting its effects. The ACA is committed to sustainability and cost effectiveness for its community and beyond.

What we do

The ACA offers various tools for tackling corrosion. Drawing on the expertise of our membership base, we provide world-class training in partnership with sister associations such as AMPP, connect our membership for networking and learning opportunities through our Branches and their events, and hold our yearly Conference to showcase the best and brightest from Australasia and beyond. Through constant engagement with our community, we aim to advance corrosion as an agenda and promote the importance of its handling to those outside of our industry. We seek to act as an advocate for our membership and as an educator for wider society.

Mission

To lead in knowledge and management of corrosion for the benefit of society and the environment.

Vision

Our vision is that corrosion is managed sustainably and cost effectively to ensure the health and safety of the community and protection of our environment.



Going forward

With environmental complexities, diversifying sectors, and new opportunities to teach and network, the ACA will continue to work for its membership to build community awareness on the handling and mitigation of corrosion.



BOARD CHAIR'S MESSAGE

A brighter future ahead for our organisation

Dear ACA Members,

It was a great pleasure to see so many of you at the Cairns Conference in November. We had great feedback on the excitement and vibe of the conference in that tropical environment.

I was glad to hear that the number of delegates attending Cairns, was 19% higher than in Perth. Plus, we initiated new parts to the program in response to feedback from the 2023 conference. This year we offered a new Confidential Asset Owners session with the support of our strategic alliance partners AMPP, that helped to engage 30 asset owners (at least half of which haven't attended our conference in the past). We also reinvigorated the Defence Forum and Defence technical papers stream this year, which attracted a high level of senior defence-related personnel.

The ACA then hosted a private meeting between ACA, defence personnel and AMPP to investigate the potential alignment in Australia with the NAVSEA standards applied to Navy Shipyards in the USA.

The ACA board meeting at the conference was also somewhat sad for me, as we farewelled long-time Board Director, Dean Ferguson, who stood down off the Board. Dean was chair of the ACA Board during the tumultuous COVID period, involving a near full staff turn-over. This was coupled with the accounting systems and all the changes that delivered to a restructured ACA. Most recently Dean rewrote the By-Laws and assisted the ACA team with our corporate history. Thankyou Dean for your major contribution and dedication over the past six years!



On the bright side, we did welcome Dr Patricia Shaw back to the Board. Trish was previously on the ACA Board between 2020-2023. Trish will take an active role of the Finance, Audit & Risk Management Committee (FARMC) and the Membership and Advocacy Committee. Welcome back Trish!

In 2024 the Board have reviewed the strategy, increased and focussed our advocacy efforts, updated and implemented the Corrosion Technology Certification Scheme, reviewed and updated the policy suite, conducted audits on our IT system and property portfolio to name a few highlights.

Our President for the last two years, Isaac Isakovich, also stepped down. Isaac has been instrumental in bringing the ACA Board and the ACA Council closer together. Isaac brought such goodwill and positive intentions to the role – it was a pleasure working with him.

We are also happy to announce that Raed El Sarraf is now appointed as the new Council President.

I am looking forward to working closely with Raed and the rest of the ACA Council to finalise the constitutional reform we have been working on for the past few months and we hope to have vote on this before the end of 2025.

I would like to take this opportunity to thank all the ACA Board, ACA Council, ACA Branch Executives, Technical Group Chairs, and Standards Experts for their voluntary contributions in 2024. I look forward to working with you all and the ACA Team throughout 2025.

Kingsley Brown

ACA Chair

CEO MESSAGE

Strength in Stability: Advancing Together in 2024

Dear Members,

The 2024 year was one increased financial and human resource stability, as we post a significantly improved financial result compared to the previous two years.

Some Key achievements for 2024 were as follows:

- **Training** – we delivered 51 courses to 714 participants at a value of over \$2.8 million, a 7.4% increase on 2023. Both our AMPP courses and the ACA courses increased from the previous year. This year we delivered the first AMPP Craftworker training, and the ACA's Authorised CP Tester course in New South Wales.
- **Membership** – we increased slightly our member numbers to 1226 (from 1162 in 2023) and a 24% increase in member subscriptions.
- **Our Young Corrosion Group Members** – have increased from 46 in 2023 to 144 in 2024. This is a result of offering some free memberships as part of the corporate member offering to encourage greater participation with our younger generation of corrosion practitioners.
- **Advocacy** – continued to be a major focus for the ACA during 2024. This included successful meetings with stakeholders in Sydney regarding the Green Star Steel and managing the implications for protective coatings. A new initiative at our conference with an asset owners' session in Cairns in November 2024.
- **Conference** – continues to rebuild with a particularly tropical welcome and community-based conference in Cairns. In addition to the overall increase in full registrations (from 253 to 268) from 2023, there was a notable rise in non-member ticket sales with 28 non-member tickets sold, up from 16 in 2023.

- Thank you to the Queensland Branch, and ACA President, Isaac Isakovich, for all your support and efforts to assist with the conference promotion and connections.

Like any organization, we would like to see improvement in areas. The area most needing improvement include:

- **Local Events** – Our branches have advised us we need to provide more resources for Branches in 2025, this is now budgeted and work has commenced to investigate the best mix of events to meet member needs.
- **ACA's Member Portal** – was launched and needs further support of members to effectively utilize this new feature.

At the end of 2024 Greg Carter, our much-loved Company Secretary, retired. In addition, we commenced recruiting for General Manager Operations in December. And, our new Company Secretary, Geraldine Allen, commenced with the ACA in December 2024.

I had the pleasure of visiting our Sydney and Newcastle Branches in early 2024 and undertook a visit to both the North and South Islands of New Zealand to meet with our members and stakeholders within the NZ community.

Thank you to all my team at the ACA office. And once again, thank you to our training program lecturers that deliver so much more than the training program. And thank you to our dedicated volunteers and ACA leadership for your ongoing support and encouragement along the way.

Maree Tetlow
ACA CEO

...We post a significantly improved financial result compared to the previous two years.

NUMBERS

GROWTH AND ENGAGEMENT: YEARLY METRICS

TRAINING

51 courses held
714 students
\$2.8M in training value
90% AMPP courses
10% non-AMPP courses

CONFERENCE

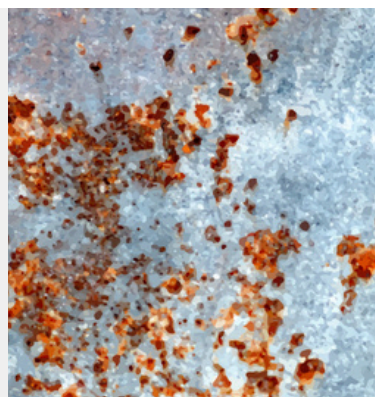
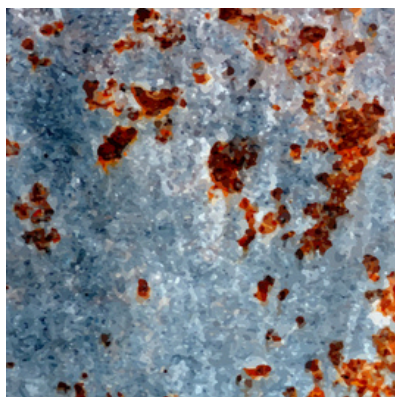
385 unique ticket holders
70 exhibitors
25 sponsors
87 papers presented
\$651,394 in revenue

MEMBERSHIP

1226 active members
\$261k in Membership revenue
631 member accounts
144 YCG delegates
199 new members
326 renewed members

EVENTS

1122 attendees
43 events
18 branch sponsorships
52 guest speakers



TRAINING

TRAINING COURSES OFFERED IN 2024

In 2024, The Australasian Corrosion Association's training department continued to offer a diverse range of courses to the corrosion community across Australia and New Zealand, both publicly and privately. Throughout the year, a total of 51 courses were held, including several in-house courses that were coordinated and organised in collaboration with different companies in the industry. The AMPP Coating Inspector Program remained the top performer, accounting for 15 out of the 37 AMPP courses held in the same year.

There are a number of courses that were in-demand this year compared to last year. The dedication and hard work of our lecturers played a crucial role in achieving this success. While we bid farewell to a few esteemed lecturers who retired, we welcomed new professionals eager to share their expertise and continue the tradition of high-quality training.

The training department's achievements in 2024 underscore the importance of continuous learning and professional development in the corrosion community. We look forward to another successful year ahead, driven by the passion and commitment of our team and participants.



AMPP CRAFTWORKER SERIES: C6, C7, AND C12

Delivered in collaboration with the Association for Materials Protection and Performance (AMPP), this program addresses the increasing demand for specialized training in corrosion protection. Throughout 2024, we conducted this course five (5) times, offering a combination of private and public sessions across the Northern Territory, Western Australia, and South Australia.

The ACA's commitment to providing high-quality education is evident in the success of this series, which has become a cornerstone for professionals seeking to enhance their expertise and advance their careers in the field.



TRAINING

TRAINING COURSES OFFERED IN 2024

HDG CERTIFICATES



The 2-day Hot Dip Galvanizing Inspector Program (HDG) course trains individuals to assess and inspect hot dip galvanized steel materials for compliance with Australian, New Zealand, and international standards. It is delivered in partnership with the Galvanizers Association of Australia.

In the early months of 2024, the ACA revamped the HDG Certification to seamlessly transition from the old database to the current one. This update has significantly benefited past certificate holders by simplifying the tracking and processing of HDG renewals, while also efficiently managing new certifications. The success of this transition laid a strong foundation for the Certification Scheme program launched in the last quarter of 2024.

ACA CATHODIC PROTECTION AUTHORISED TESTER (CPAT) COURSE IN NSW

The ACA Cathodic Protection Authorised Tester is a 2-day course that provides theoretical and practical training for conducting interference testing from corrosion protection systems. It meets the NSW regulatory requirements updated in 2020, ensuring testers have the necessary qualifications for this work.

Launched in 2024, this course addresses the growing demand within the NSW community for advanced training that meets regulatory standards. It also offers a cost-effective alternative to the highly popular AMPP Cathodic Protection courses, making it an attractive option for professionals seeking comprehensive and affordable training.



TRAINING

TRAINING COURSES OFFERED IN 2024

CERTIFICATION SCHEME

In October 2024, the Australasian Corrosion Association proudly launched its comprehensive Certification Scheme, designed to uphold the highest standards of professionalism and competency in the field of corrosion management. This scheme rigorously assesses the knowledge and experience of practitioners, ensuring they meet the stringent requirements set forth by the industry and community.

The Certification Scheme not only validates the expertise of corrosion professionals but also facilitates their continuous professional development (CPD). By transitioning to this new system, the ACA has streamlined the certification process, making it easier for both new and existing certificate holders to track and renew their credentials. This initiative has been instrumental in maintaining the integrity and quality of corrosion practice across Australia and New Zealand.

The successful rollout of this scheme has paved the way for future advancements in certification programs, reinforcing the ACA's commitment to excellence in education and professional development.



AMPP CIP BACK IN NSW PARRAMATTA

We are excited to announce that the CIP Level 1 course will be returning to Sydney, NSW in 2025! After receiving numerous requests to bring this essential training back to Sydney, we have successfully secured a venue and blastyard to accommodate the course.

This program offers a comprehensive introduction to corrosion inspection, providing participants with the theoretical knowledge and practical skills needed to excel in their roles. The return of CIP Level 1 to Sydney not only meets the growing demand for high-quality training in the region, but also reaffirms our commitment to supporting the professional development of corrosion professionals.



BRANCH ACTIVITIES



QUEENSLAND

2024 was a year of reinvigoration for the QLD Branch, with a new committee doing an excellent job re-engaging members and sponsors. The year kicked off with a well-attended AGM and social networking event.

In July, the branch hosted a technical event on AI in Corrosion at South Bank TAFE. Guest speaker Geoffrey Will (University of the Sunshine Coast) shared valuable insights on leveraging data analysis and electrochemistry to better understand and predict material degradation.

September brought a fun night of networking, burgers, and lawn bowls, featuring a presentation by Matthew Brown (AkzoNobel) on the vital role of coatings in protecting steel and concrete structures—emphasising their function as essential "liquid engineering" materials.

A big thank you to our 2024 sponsors, committee, supporters, and guests—we look forward to building on this momentum in 2025!



VICTORIA

The ACA Victorian Branch hosted five engaging events in 2024 (excluding the two Brian Cherry Forums).

We kicked things off with a fun Young vs Old(er) lawn bowls match at Port Melbourne Bowling Club, where the older team claimed victory in great spirits.

In May, thanks to Denso Australia, our Case Studies and Failures night featured expert talks on corrosion in nickel alloy pump housings, MIC in steel fire systems, and challenges in pool remediation.

August saw our flagship Round Table Conference, headlined by Tracey Gramlick, Chair of Standards Australia. Tracey shared insights from her career and her early passion for corrosion.

It's been a strong year for the VIC Branch—thanks to our members, committee, and guests. We look forward to what 2025 will bring!



NEW SOUTH WALES

The NSW Branch had an excellent year in 2024, achieving record attendance across its events. Their targeted event model gained strong traction, drawing the right audience and receiving great feedback from sponsors.

New initiatives, including smaller lunch and learn sessions focused on the cost of corrosion, were also introduced and proved highly successful.

A big thank you to all our sponsors for their support throughout the year—we look forward to continuing to raise awareness about corrosion in 2025!

BRANCH ACTIVITIES



SOUTH AUSTRALIA

The SA Branch had a fantastic year in 2024, hosting 4 events with an average of 25 attendees per event. Highlights included the Branch General Meeting and quiz night, offering a fun evening of networking. In May, they held a Student Case Study evening with presentations on steel and concrete condition assessments, corrosion in different environments, and real-world corrosion damage case studies.

In August, members toured the Australian Water Quality Centre (AWQC), a NATA-accredited lab specialising in water and wastewater services. They wrapped up the year in December with a festive Christmas function to celebrate the committee, members, and supporters. We're excited for what 2025 has in store!



TASMANIA

In 2024, we co-hosted a technical event in Burnie with the Tasmanian Minerals, Manufacturing and Energy Council, proudly sponsored by the Eptec Group.

The focus was on The Cost of Corrosion and Mitigation Strategies, with insightful presentations from Jim Galanos and Jim Barraza of Eptec Group. Topics covered included the value of proactive planning and the importance of managing corrosion—what it is, where it occurs, why it matters, and how coatings play a critical role.

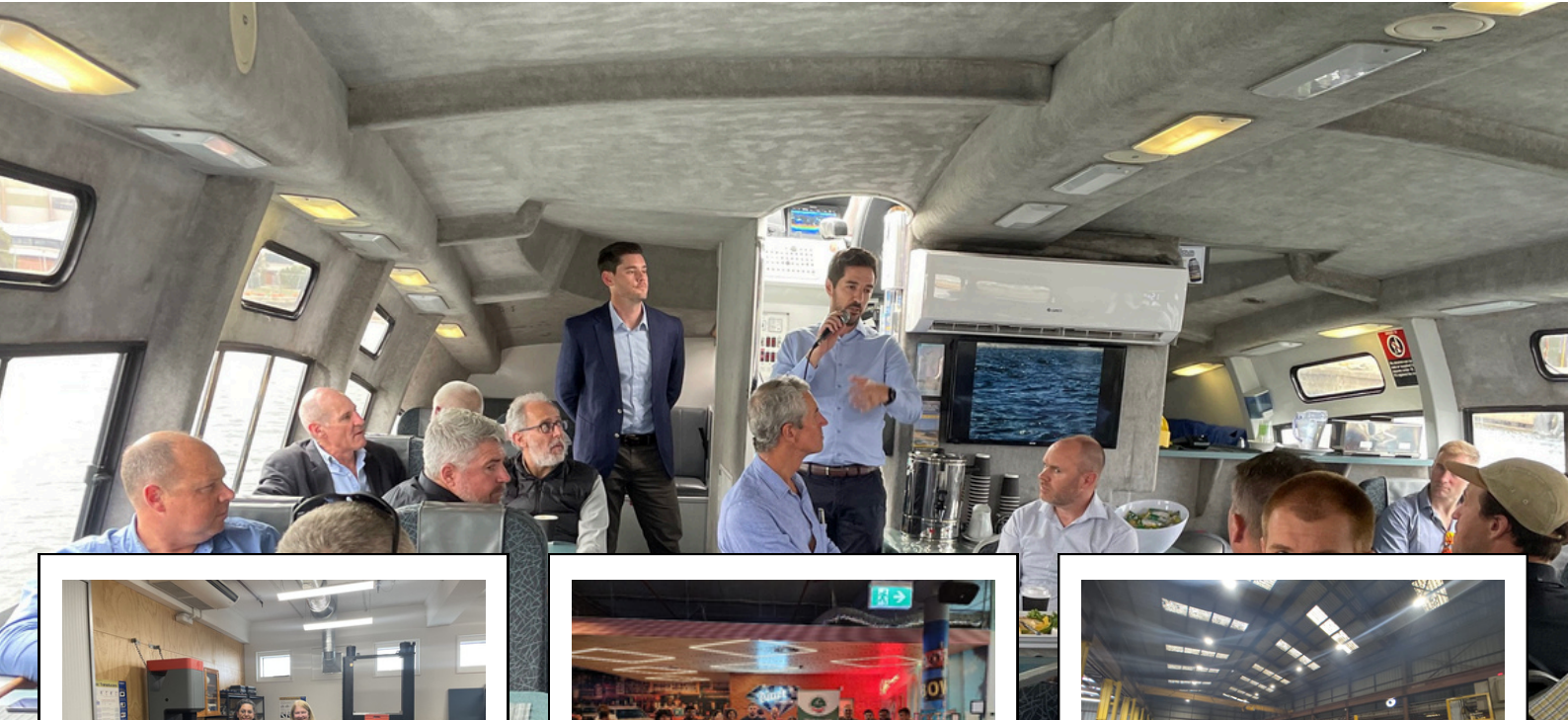
We look forward to gradually rebuilding our presence and engagement in Tasmania throughout 2025.



NEWCASTLE

The Newcastle Branch hosted 4 successful events in 2024, focusing on key areas such as cathodic protection, abrasives, and port marine structures. Each event saw strong attendance, and we'd like to thank our committee, sponsors, members, and guest speakers for their support and contributions.

BRANCH ACTIVITIES



NEW ZEALAND

The NZ Branch had a strong year in 2024, hosting successful events that brought industry professionals together for learning and networking. Key highlights included technical events, site visits, and valuable networking opportunities. It was a year of growth and collaboration, and we're excited for what 2025 will bring!



WESTERN AUSTRALIA

The Western Australia Branch hosted 5 successful events in 2024, covering critical topics like subsea corrosion, equipment, corrosion-related decision-making, and the YCG Networking event. Each event attracted strong attendance and received positive feedback. We're excited for what 2025 holds for the branch!



YOUNG CORROSION GROUP

The YCG has been extremely active across all states in 2024, hosting several successful networking events, both independently and in collaboration with sister associations. Additionally, the YCG held a national Sustainability webinar featuring three esteemed speakers discussing topics such as sustainability of structures with coatings, sustainability on major projects, and more. We're excited for the YCG's events and growth in 2025!

TECHNICAL GROUPS

Our technical groups had a standout year in 2024, hosting a variety of successful events that facilitated the sharing of industry knowledge and expertise.

The Water Industry Technical Group

In April, our water group hosted a highly successful seminar in Melbourne, themed "Accelerating Durability". With over 65 attendees and 13 expert presenters, the event provided valuable insights into the latest advancements in water industry durability. The group also held an online webinar on Galvanic Corrosion in Water and Wastewater Structures, presented by Vaughn O'Dea. This session attracted great participation with over 45 registrations, highlighting the growing interest in corrosion issues in water systems.

Cathodic Protection Technical Group (AEC)

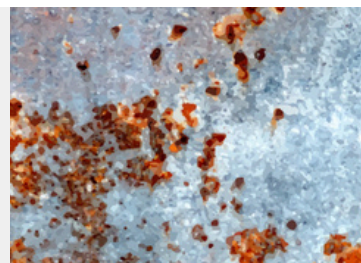
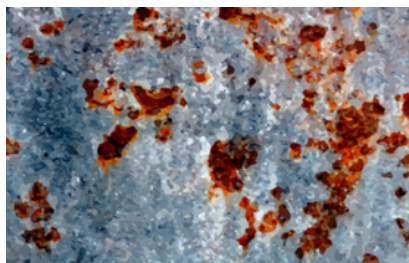
The AEC marked a milestone by holding their 93rd meeting, both in person at the ACA headquarters and online. The event featured 8 knowledgeable presenters, sharing critical insights into cathodic protection with over 65 registrants in attendance.



The Concrete and Structures Technical Group

Held an engaging online Zoom webinar focusing on Corrosion Protection Case Studies. Presenting at different stages of an asset's life cycle, the webinar included case studies on Condition Assessments and Repairs using mixed corrosion protection solutions, as well as Corrosion Protection Options throughout an asset's life cycle. The session was well-received by those involved in asset maintenance and repair.

Overall, it was a fantastic year for our technical groups, thanks to the engagement and contributions of all participants, speakers, and attendees. We're grateful for the continued involvement and expertise shared, and we look forward to building on this success in 2025.



TECHNICAL GROUPS

Event Summary – October 2024

Hosted by the ACA Oil, Gas and Energy Technical Group

Presentation Title: Digital Twin as a Tool for Extending In-Line Inspection Intervals

In October 2024, the ACA Oil, Gas and Energy Technical Group hosted an online webinar that attracted 48 registrations. The presentation focused on the use of digital twin technology as a tool to support the management of aging pipeline infrastructure.

The session featured a case study demonstrating how a digital twin, developed using mechanistic modeling, was applied as a proof of concept to evaluate potential cathodic protection improvements. The goal was to reduce external corrosion growth rates and support the extension of in-line inspection intervals from three to five years.

Different remediation strategies were modeled, including adjustments to cathodic protection systems and the resolution of interference issues. These were compared with the existing configuration to assess effectiveness. An economic analysis was also presented to explore whether the proposed approaches could reduce monitoring and maintenance costs while preserving asset integrity.

The webinar offered practical insights into how digital technologies can enhance decision-making in corrosion control and pipeline integrity management.

Link to the webinar on the ACA website: <https://www.corrosion.com.au/oil-gas-technical-group-digital-twin-as-a-tool-for-extending-in-line-inspection-intervals/>

CONFERENCE FORUMS 2024

Applicators Technical Group

The Applicator Technical Group hosted an engaging forum at the ACA Corrosion & Prevention Conference 2024 in Cairns. Presentations included an introduction to AMPP C Series Training and an overview of the Craftworker series training by AJ Russell, along with an International Paint presentation. Stuart Ogilvie provided insights into cartridge application of solvent-free Polyurea Polyurethane elastomeric lining on concrete and steel substrates. The forum also covered the Call for Nominees, discussed ATG objectives, awards, past winners, and encouraged attendees to submit nominations for the following year, led by Tim Billing. Award presentations included the Golden Trowel Award by Pensar, and Rust Award presentations by Spillers and Eptec.

The session provided a comprehensive update on training, industry practices, and recognition within the applicator community.



TECHNICAL GROUPS



Cathodic Protection Technical Group Forum – Corrosion & Prevention 2024, Cairns

The Cathodic Protection Technical Group held an informative and well-attended forum at the ACA Corrosion & Prevention Conference 2024 in Cairns. The session opened with remarks from Bruce Ackland and featured a special Brian Martin Memorial segment presented by Dave Nicholson and Bruce Ackland in recognition of Brian's contributions to the field.

Technical presentations included Closed-loop CP Field Testing Research Results by Bob Varela (Deakin University), and an update on the AS/NZS 3004.1 Electrical Installations – Marinas and Boats standard by Wayne Burns (Anode Engineering).

The session concluded with a general discussion, followed by the Cathodic Protection Technical Group's Annual General Meeting and closing remarks. The forum provided a valuable opportunity for members to exchange knowledge, reflect on legacy, and contribute to future planning.

Coatings Technical Group Forum – Corrosion & Prevention 2024, Cairns

The Coatings Technical Group held a dedicated forum at the ACA Corrosion & Prevention Conference 2024 in Cairns, sponsored by International Paint. Presentations included discussions on Aged Standards (CH-003) by Justin Rigby, an overview of AS 3894.1 by Willie Mandeno, and insights into AS/NZS 2312 Part 3 presented by Willie Mandeno and Oscar. The forum also featured a presentation on coatings for friction joints by Peter Golding and Matthew O'Keefe.

The session concluded with a discussion of plans for 2025, including the potential to conduct a Roadshow across Australia as well as New Zealand.



Concrete Structures & Building Technical Group Forum – Corrosion & Prevention 2024, Cairns

The Concrete & Building Structures Technical Group hosted a focused forum at the ACA Corrosion & Prevention Conference 2024 in Cairns. Presentations included "Pros and Cons of SACP vs ICCP" by Mohammad Ali (GHD), "Condition Assessment of Concrete Structures – Specifying Test Scopes That Inform the Solution: The Trade-off Between Collecting More Data and Cost" by Phil Karajayli (Duratec), and "Design, Durability, and Construction for Concrete Repair in an Alpine Region" by Jessica Lyndon (Infracorr).

The forum concluded with a discussion on plans for 2025, including exploring innovative ideas to enhance the group's activities and impact in the coming year.

TECHNICAL GROUPS

Oil, Gas & Energy Technical Group Forum – Corrosion & Prevention 2024, Cairns

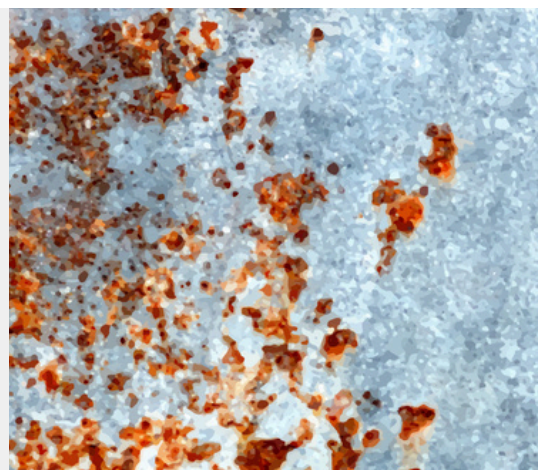
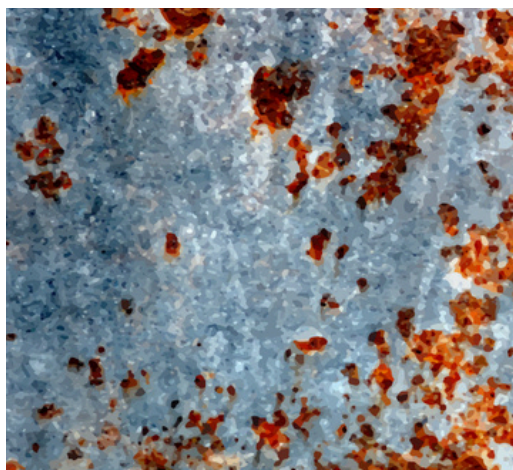
The Oil, Gas & Energy Technical Group hosted a focused forum at the ACA Corrosion & Prevention Conference 2024 in Cairns, proudly sponsored by LuminUltra. Presentations covered a range of industry-relevant topics, including digital twin corrosion models for proactive pipeline integrity (Christophe Baete), corrosion control documents for managing various damage mechanisms (Rodrigo Moraes Kunrath), and advances in hygrothermal modelling for corrosion under insulation (Thunyaluk "Kod" Pojtanabuntoeng). The session concluded with a discussion on proposed plans for 2025, identifying key gaps, opportunities, and gathering feedback from attendees.



The Water Industry Technical Group delivered a targeted and insightful forum at the ACA Corrosion & Prevention Conference 2024 in Cairns.

Presentations explored a range of practical applications and current challenges in the sector. Application of Thick Film Polyurea and Polyurethane Coatings to Concrete, Steel, and Non-Ferrous Metals Using Plural-Component Equipment, presented by: Scott Gaebler
Geraldine Pedersen shared insights from the Inspection of Water Corporation's Water Pipelines, highlighting infrastructure condition and asset management practices.

David Nicholas discussed the use of Partially Corrugated 316 Stainless Steel for Main-to-Meter Connections, focusing on material performance and installation benefits. The session concluded with an open forum titled Water Industry Durability Feedback, encouraging discussion and shared experiences from attendees across the industry.



CONFERENCE

Our 2024 Annual Conference, Corrosion & Prevention 2024 (C&P24), was an outstanding success, drawing 387 delegates from across Australia, New Zealand, the USA, Belgium, Canada, Germany, the United Kingdom, Japan, and Malaysia. Held in the stunning coastal city of Cairns, Queensland, the event showcased the theme "Navigating Corrosion Challenges in Marine and Coastal Environments."

This year's program featured over 80 high-quality technical presentations, eight engaging technical forums, and 70 exhibitors demonstrating the latest advancements in corrosion technology. Feedback from attendees strongly indicated that this was our most successful conference to date.

We were proud to host seven distinguished plenary speakers, including a joint presentation supported by the Defence Science and Technology Group (DSTG). Each plenary session delivered valuable insights aligned with our conference theme.

A dedicated and diverse technical committee, comprising both academic and industry experts, ensured a rigorous and balanced review process. Notably, 2024 saw the introduction of case study papers alongside traditional technical papers—adding practical context and broadening the program's scope. We extend our heartfelt thanks to our sponsors, exhibitors, presenters, partners, and every delegate who contributed to the energy and excellence of C&P24.

SPONSORS 2024



SPONSOR IN KIND



EXHIBITORS 2024

Booth	Company	Booth	Company	Booth	Company
1	Scape Consulting - Gold	29	Freyssinet	50	MCU-Coatings
2	Scape Consulting - Gold	30	Murphy's Spray & Blast	51	MCU-Coatings
3	Scape Consulting - Gold	31	Murphy's Spray & Blast	52	DuoGuard
4	Hempel	32	Eptec Group - Silver	53	Neo Tech
5	Hempel	33	Eptec Group - Silver	54	Chemcote
6	Meiice Solutions	34	Jotun - Silver	56	GMA Garnet
7	International Paint	35	Jotun - Silver	58	CSIRO
9	Reevo Resources	36	Dulux - Silver	59	Rosen Group Charging Station
10	Savcor Products AU	37	Dulux - Silver	60	Hychem
11	Prodigitek	38	PPG - Platinum	61	Contract Solutions Australia
12	AEgis	39	PPG - Platinum	65	Wagon Paints Australia
13	Goldseal Group	40	UCC - SILVER	66	Wagon Paints Australia
14	AMPP	41	UCC - SILVER	67	Anode Engineering
15	AMPP Australia	42	AMAC	68	MBS
21	AirBlast	43	Denso	69	Concrete Institute of Australia
22	AirBlast	44	Denso	70	Commercial Marine Group
23	TECHT	45	NMT Electrodes	72	Deakin University
24	ACA	46	Corrizon	73	Omniflex
25	Blastone	47	Entekra	74	Precision Laser Cleaning
26	Blastone	48	PPG - Platinum	75	DH Tech
27	Galvanizers	49	PPG - Platinum	84	Anti Corrosion Technology
28	Osmose			85	Anti Corrosion Technology

CONFERENCE

PLENARY SPOTLIGHT



David Harvey – Marine Manager ANZ, Fiji and PNG | PPG INDUSTRIES
EVOLUTION OF FOUL RELEASE COATINGS

David's paper presented the development of biocide free, foul release coatings, how they were imagined, their development, their impact on the use of conventional antifouling coatings and their newfound importance in the modern era of transport and our focus on the reduction of CO2 emissions.

Joyce Wright – Retired: Manager Newport News Shipbuilding
A Division of Huntington Ingalls Industries

BRIDGING THE GAP: INTEGRATING EXPERTISE AND TECHNOLOGY TO TACKLE WORKFORCE CHALLENGES IN THE MARITIME INDUSTRY

The maritime shipyard industry faces critical workforce challenges, including skilled labor shortages, an aging workforce, and resistance to technological change. Joyce's paper explores collaborative strategies for addressing these issues through a synergy of experienced technical expertise and emerging innovations.



Christine Crawshaw – Director | Infrastructure Advisory Group

PORTS – ANCHORS OF THE ENERGY TRANSITION

Australia's ambitious target to achieve net zero emissions by 2050 and integrate 82% renewable energy into its electricity grid by 2030 underscores the critical role of offshore wind in the nation's energy transition. Christine's paper explores the corrosion challenges inherent in offshore wind, including material selection, protective coatings, cathodic protection, and maintenance strategies to extend the life of wind structures.

CONFERENCE

PLENARY SPOTLIGHT



Nick Birbilis – Executive Dean | Faculty of Science, Engineering and the Built Environment

SOME MICROSTRUCTURAL INFLUENCES UPON LOCALISED CORROSION

The degradation of metallic alloys is a process that is, over extended time periods, basically assured. The 'engineering alloys' that are critical to essentially all facets of modern life, are highly engineered to 'cheat nature'. Herein, some examples of microstructural effects on corrosion are touched up, including how they may impact early / localised corrosion.

Wayne Neil & Kathryn Dylejko – DSTG

CATHODIC PROTECTION AND ITS IMPLICATIONS FOR VESSELS IN THE ROYAL AUSTRALIAN NAVY

Cathodic protection systems on Royal Australian Navy vessels have unique challenges which need to be managed by Defence. Australian ships operate in warmer waters, berth for longer periods, and have operational profiles that can differ significantly from commercial ships.



Blane McGuinness – Executive Manager | Marine & Civil Maintenance (MCM)

SUSTAINABLY LED ASSET MANAGEMENT: A PACIFIC CASE STUDY QUEENS WHARF, LAUTOKA FIJI

The presence and ingress of chlorides, particularly in marine environments, is one of the main factors responsible for the deterioration of steel reinforced concrete structures. Through this case study, the reemergence of Electrochemical Chloride Extraction and the retrofitting of water base anode Impressed Current Cathodic Protection Systems are two ways preventative intervention have been utilised to curb the progression of deterioration across Queens Wharf, Lautoka, Fiji.

CONFERENCE

Social Events

Social Event | YCG Pool Party

Our YCG Pool Party took place offsite at The Crystalbrook Bailey, where we had an impressive turnout of 35 attendees. Members of our young corrosion community from across Australia and New Zealand met to network, learn, and socialise and have a dip in the pool with like-minded individuals, while also gaining insights from our more experienced peers.

Social Event | Welcome Function

The C&P24 Welcome Function was hosted at the Crystalbrook Bailey, and we had an incredible turnout! This event was a fantastic way to launch our conference in Cairns, enabling colleagues to reconnect after a year apart. With the theme of "wear your Hawaiian shirt," attendees enjoyed plenty of laughter, networking opportunities, and overall a wonderful time had by all.

Exhibition Hall

Our Exhibition Hall was overflowing this year, featuring an impressive 70 exhibitors presenting their corrosion products and services. Additionally, the exhibition space served as the venue for our Exhibition Opening/Asset Owner Reception, which turned out to be a fantastic success!

Social Event | Women in Corrosion Breakfast

The ACA once again hosted its annual Women in Corrosion Breakfast this year at C&P24. This breakfast event featured a relaxed panel discussion with six remarkable women who excel in corrosion mitigation. Elaine Chiu from Dulux served as the host, engaging the panelists in conversations about their experiences within the corrosion industry. This year's esteemed panelists included:

- Joyce Wright | Ship Building Expert
- Christine Crawshaw (Director) | Infrastructure Advisory Group
- Kirstie Smith (Operations Manager) | Spillers Quality Corrosion Control
- Cara Sorenson (Business Manager at IPCQ Pty Ltd) | Industrial Protective Coatings QLD
- Mahsa Esfahani (PhD) (MIEAust CPEng NER, Lead Engineer, Materials) | Aurecon
- Seii Chen (Consulting Engineer) | Duratec Australia

School Educational Outreach Program

This year marks a significant milestone for the ACA, as we successfully integrated a School Education Outreach Program into our agenda for the first time. We welcomed 60 Year 11 students to the conference, and we believed that this enhanced their academic learning but also provided them with valuable insights into the interdisciplinary nature of corrosion science and its importance in today's world.

The students attended the plenary speaker sessions of Nick Birbilis & Christine Crawshaw. Students then visited and spent time with the following exhibitors: UCC where they watched and participated in the wrapping of a pipe, AMPP Australia Chapter using a Virtual Reality Spray Gun, Anode Engineering learning about Anodes and how they work, Precision Laser Cleaning taking a look at laser cleaning equipment, BlastOne learning automation in surface preparation, NeoTech Coatings explaining sustainability options for heat energy conservation, Reevo Resources: Introduction to Rubber Lining, DH Tech: Learn the answer to what is dehumidification? & Deakin University: What is happening at Deakin University?

Social Event | Awards Dinner

The Corrosion & Prevention 2024 Annual Awards Dinner, held on 12 November at the Trinity Ballroom in Cairns, was a night of celebration and recognition for the exceptional contributions within the corrosion industry. Bringing together leaders, innovators, and emerging talent, the event highlighted achievements across research, innovation, and professional development. The evening began with a moving Welcome to Gimuy/Cairns Homelands of the Yindjibarndi people, performed by Minjil, a group of four beautifully costumed and painted dancers, and an additional two musicians. The ACA Chair Kingsley Brown, then reflected on the power of the corrosion community and collaboration in driving innovation and progress. Guests were treated to a gourmet dinner, alongside a ballot bidding auction, with proceeds benefiting the ACA Foundation.

Applicator Day

Applicator Day made its return at Corrosion & Prevention 2024, hosted by our Applicator and Coatings Technical Group. Held on the Thursday following the main conference, the event featured a dynamic mix of technical sessions, live equipment demonstrations, networking opportunities, and a lively wrap party at Hemingway's.

CONFERENCE

AWARDS

Top Honors for Industry Papers

The evening commenced with the prestigious paper awards, recognising outstanding research and practical contributions:

- **Arthur Kennett Award:** *Ian MacLeod | Corrosion of Rock Art in Western Australia: Alteration of Pigments and Weathering of Engraved Rocks.*
- **Marshall Fordham Award:** *Giles Harrison, Michael Gray and Mariela Calizaya | Effect of Flow Conditions on Submerged Metallic Substrates; Cathodic Current Density Required to Achieve Cathodic Protection Criteria*
- **David Whitby Award:** *Seii Deng Chen | Taking Asset Inspection to New Heights: Exploring the Role of Drones*
- **Les Boulton Award:** *Blane McGuinness and Oliver Gasior | Fremantle Rail Bridge ICCD System Design & Construction Remediation Challenges*

Mike Rutherford Golden Trowel Award

A special moment of the evening was the renaming of the Golden Trowel Award to the Mike Rutherford Golden Trowel Award, honouring Mike's lasting impact on the concrete remediation field. Donna Rutherford, invited by Applicator Technical Group Chair Tim Billing, joined the announcement and presented the award to **Jamie Horan** of Pensar Infrastructure.

Honouring Industry Icons

The Life Membership Award, the highest honor for outstanding and continuous service to the ACA, was presented to two remarkable individuals: **Richard Brodribb and Geoff White.**

YCG National Award, recognises exceptional members under 35, this was awarded to **Anthony Roccisano** for his innovation and leadership in corrosion prevention.

Awards for Industry Excellence

The Recognition of Service Awards recognise the significant contributions of our volunteers to assist the ACA's operational efforts. This year we honoured: **Scott Wade, Willie Mandeno, Dean Ferguson & Andrew Russell.**

The Rust Award

Is awarded annually to a protective coatings contractor who has demonstrated a meritorious or innovative performance in the field of concrete remediation and protection. This was presented to: **Michael Ippoliti and Nigel Spiller.**

The Aude Sapere Award

Acknowledges ACA Member organisations ongoing commitment to the training and professional development of the staff through holding ACA-delivered training courses each calendar year. This year the award was to: **Kaefer**

Fostering Future Professionals

The ACA Foundation awarded several scholarships, recognising rising talent and supporting professional growth. Recipients were: *Aaron Davis, Sophia Odlin, Dr. Farzaneh Farivar, Nate Berends, Ngoc Bao Huynh, Seb Schubert Arriaza, John Millett, Lakein Cottam and Andres Gonzales.*

ADVOCACY

In February 2024 the ACA CEO, Maree Tetlow and Chair of the Applicator Technical Group, Tim Billing, sent a letter to all Ministers of Training and Ministers for Infrastructure in each Australian jurisdiction that provided the views of over 200 coatings and applicator practitioners who were lobbying for improved certified training to be available via TAFEs in each State/Territory. A letter was also drafted to the respective ministers in New Zealand.

Our recommendations to the Australian Government were as follows:

1. Industrial Painters are recognised as a trade in Australia.
2. Industrial Painters are listed as a Priority Occupation in 2024 linked to traineeships.
3. More traineeships are funded and promoted through vocational pathways.

Our recommendations to the State Governments of Australia:

1. That MSM30216 Certificate III in Surface Preparation and Coating Application is offered through your TAFE system.
2. That the number of qualified trainers is increased to meet the likely demand.

Details of the petition signed by over 200 industry leaders was also provided.

The petition and survey undertaken in late 2023 indicated that 80% of respondents needed more skilled craftworkers over the next five years.

Of the 328 additional skilled workers requested through the survey, more than 40% of these were for Certificate III sprayers and blasters located throughout the region. And 25% of this requirement was requested out of Taranaki, New Zealand.

Since sending the letter, all ministers' offices have responded, some have requested further dialogue. Some of these meetings and follow-up have been undertaken including the Manufacturers Industry Skills Alliance.

Other advocacy work in 2024 included:

- Discuss with Navy to increase skills for maintaining Navy assets and visiting AUKUS vessels
- AMPP strategic alliance and collaboration
- Asset owner forums (Water Seminar, Asset Owner Forum) and speaking at conferences (Tasmanian Minerals & Energy Council Conference) to educate on corrosion.
- Lobbying to ensure the Green Steel (fabricator and builder) requirements are workable
- Promoting World Corrosion Day.

The ACA Membership and Advocacy Committee have also focused the last 12 months on identifying and encouraging coordination and liaison with kindred associations around Australia and New Zealand to provide better networking for members at Branch events.



MEMBERSHIP

Between 2023 and 2024, the Australasian Corrosion Association recorded an increase in both corporate and Young Corrosion Group (YCG) member numbers. This was primarily due to corporate accounts taking full advantage of their allocated complimentary YCG delegate slots. These improvements are the result of a more efficient membership system, which has allowed for a more accurate and up-to-date view of our membership base.

We also welcomed three Diamond Members during the year: Scape Consulting, Corrosion Control Engineering Pty Ltd, and most recently, ASC Pty Ltd.

In 2024, we launched a new Membership Portal, allowing members to directly register for events and training, and to access the Technical Library more easily. The portal has contributed to a more streamlined system, improving data accuracy and visibility across the organisation.



CORPORATE MEMBERS

Diamond

ASC Pty Ltd | Corrosion Control Engineering Pty Ltd | Scape Consulting

Platinum

CPR FACADE UPGRADE SPECIALISTS | Foundation Civil & Mining | Global Coatings Systems Pty Ltd | Kuhmichel Abrasiv | AkzoNobel | Altex Coatings Ltd | BlastOne | Building & Construction Research & Consultancy (BCRC) Pty Ltd | Cake Commercial Services Ltd | Concept Paints | Denso Australia | Dulux Australia | Duratec Limited | Freyssinet Australia Pty Ltd | Hempel (Wattyl) Australia Pty Ltd | Jotun Australia Pty Ltd | Marine & Civil Maintenance Pty Ltd | McElligotts (VIC) Pty Ltd | Powerplant Network Services | PPG Industries Australia Ltd | Santos Ltd | Savcor Products Australia Pty Ltd | SMEC Australia Pty Limited | SRG Global Asset Care Pty Ltd | Universal Corrosion Coatings Pty Ltd | Veolia Environmental Services | Wagon Paints Australia Pty Ltd | WSP | Xypex Australia

CORPORATE MEMBERS

Gold

A60N | Blast Worx Limited | Goldseal Group Ltd | Hunter Galvanizing PTY LTD | A S Harrison & Co | AECOM Australia | Altitude Resurfacing Limited | Anode Engineering Pty Ltd | APA Group | BAAM Consulting | Batavia Blast Works | Bellis Australia | Chesterton | Curtin University of Technology | Dalrymple Bay Coal Terminal Pty Ltd | Department of Transport and Main Roads | Defence Science And Technology Group (DST) Group | Eptec Group | GHD Pty Ltd | GMA Garnet Pty Ltd | Jemena Asset Management | Kingfield Galvanizing | Matrix Composites & Engineering | Metspray (NZ) 2013 Ltd | Mobile Conveying Services | Murphys Spray & Blast Equipment | Pensar Construction Group Pty Ltd | Pumpline - Airblast Australia | Remedy Asset Protection | Spillers Quality Corrosion Control | Vistec Services Pty Ltd | Weld Australia | Zinga Australia

Silver

BG&E Pty Ltd | KAEFER Integrated Services Pty Ltd | AGL | Altrad Services (Hertel) | Ampol Australia Petroleum Pty Ltd | Anti Corrosion Technology | Aurecon Australasia Pty Ltd | Australasian Corrosion Consultants Pty Ltd | Cappa Construction & Maintenance | Extrin Consultants | Galvanizers Association of Australia | Imatech | Infracorr Consulting Pty Ltd | M. Brodribb Pty Ltd | Melbourne Water Corporation | Napier Sandblasting Co Limited | NXT Group Pty Ltd | Oliver Technologies Pty Ltd | PowerEarth Technologies Pty Ltd | Baker Hughes New Zealand Pty Ltd | Rezitech Services Pty Ltd | RKF Engineering Services | RMP Abrasive Blasting | Rotafab Pty Ltd | SA Water Corporation | Sydney Trains | First Gas Limited | Water Corporation of Western Australia

Bronze

Advanced Consulting Solutions Pty Ltd | Arcadis | Basetec services | Choice Energy | Contract Solutions Australia | Corrizon Australasia Pty Ltd | DFT Coating Services Pty Ltd | Dynaciv Pty LTD | Ferretti International | GHG | Great Southern Access | Hanlon Industries Qld Pty Ltd | Hartech Pty Ltd | Industrial Services Victoria | Innovative Corrosion Management Pty Ltd | Integrated Global Services | Lumen Ltd | Masterblasters | Minerva Engineering and Inspections Pty Ltd | Proline Protective Coatings Limited | Reevo Resources Pty Ltd | Rig NZ Ltd | Rise Contracting Ltd | Sirocco Industrial | A W Bell Pty Ltd | Acacia Corrosion Control | Acacia Electrical NT Pty Ltd | Access Coatings Pty Ltd | Action Alliance Group | Advanced Aqua Blasting | Aircservices Australia | AMAC Corrosion Protection Pty Ltd | Artisan Works Pty Ltd | ATCO Gas Australia | Ausvic Pty Ltd | Blackbee Specialist Coatings Pty Ltd atf Blackbee Specialist Coatings Unit Trust | BRANZ Limited | Cathodic Anodes Australasia | Central Coast Metal Protectives Pty Ltd | NZ Refining Co Ltd | Chemcote Engineering Pty Ltd | Core Group Ltd | Corrotek Consultants | Costin Roe Consulting Pty Ltd | Deakin University | DellaCorda Specialist Services Pty Ltd | Dhinawan Services Pty Ltd | Diagnostech Pty Ltd | Dialog Fitzroy Limited | Doito Pty Ltd | DooGood Surface Coatings Pty Ltd | Duoguard Australia | Energy Safe Victoria | GPR Corrosion | Greater Western Water | Grit Engineering | Hartway Galvanizers Pty Ltd | Highline Rope Access Ltd | Hydro Tasmania | Impact Group NSW | Integral Engineering Pty Ltd | Intercept Australia Pty Ltd | IPCQ Pty Ltd | Korvest | McCoy Engineering | MCU-Coatings | Methanex New Zealand Ltd | Metz Specialty Materials Pty Ltd | Montipower Pty Ltd | Multicoat Pty Ltd | New Zealand Steel LTD | Omniflex Pty Ltd | Orontide AlphaBlast Pty Ltd | Osmose | Pacific Urethanes | PCWI International | Powerlink Queensland | Precision Laser Cleaning | ProDigitex - BioLogic | Resene Paints Ltd | Rhino Linings Australasia Pty Ltd | Rightway Industrial | S.A.C. Group Pty Ltd | Seqwater | SICC SERVICES Pty Ltd | SN Integrity | South East Superior Coatings | South East Water | Steel Mains | Strouds | Summit Fertiliser | Swart & Sons | Syntech Distributors Ltd | Tcorr Inspection | TECHT | Best Fab Pty Ltd | Total Surface Protection | Transport for NSW | Transpower New Zealand Ltd | Tufwrap Australia | Venom Services Pty Ltd | Verbrec Infrastructure Services | Vinsi Partners Pty Limited | VSL Australia | Wannon Water | Wellington Water | WOMA Australia Pty Ltd | Woodside Energy Ltd | Zinfra Pty Ltd | Zone Architectural Products

FINANCIAL REPORT

Annual Financial Overview and Key Metrics

Annual financial statement and reports of the Australasian Corrosion Association Incorporated for the year ending 31 December 2024 have been published to the members.

A high-level overview of the financial statements is as follows:

- The ACA's outcome for 2024 was a surplus of \$323k, which was above the ACA Board's approved break-even budget for 2024. This was also a \$436k improvement over our financial performance in 2023. The significant improvement to the proposed budget was primarily due to two one-off events that delivered additional revenues ('other income').
- The ACA received a royalty refund of \$167k (related to overpaid royalties to AMPP from 2021-2023). In addition, an amount of \$61k has been provisioned in royalty expense reduction for 2024 for overpaid royalties, but this payment is still to be finalized with AMPP. There was also a \$75K insurance payment received in 2024 because of a burglary at the ACA Preston office, with the net impact of \$15K after the asset write-offs of \$60K. These combined unexpected events delivered net \$243k of the \$323k surplus for 2024. Therefore, the underlying surplus based on regular ACA operations was \$80k.
- The underlying improvement to the surplus compared to budget was delivered primarily in delivering more training than budgeted and closely monitoring the related costs. Training revenues increased by 162k or 6% from 2023.

Other financial commentary includes:

- Compared to 2023, the ACA received income from the rental of both office units in Middleborough Road, Blackburn.
- Membership fees increased by \$40k (18%) over 2023 levels but did not meet the ACA budget expectations.

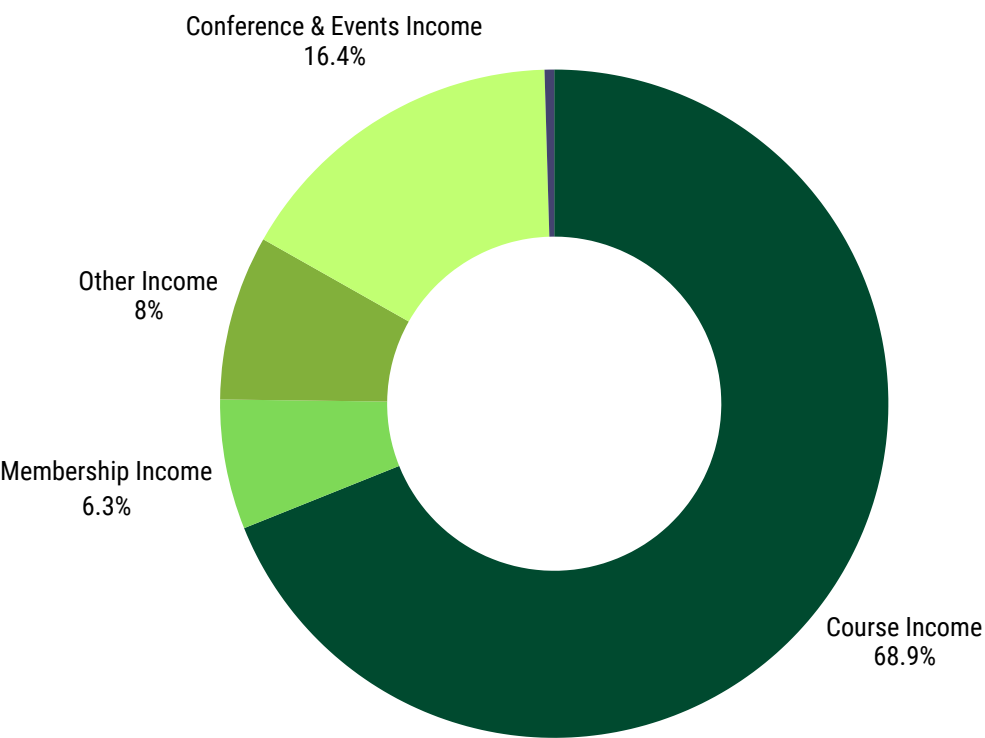
- Conference revenues were \$136k better than anticipated but were offset by a proportionate increase in costs.
- Regarding events, it was decided to defer the roadshows to FY2025. This was due to a combination of worsening economic conditions for sponsors and suppliers, and lack of staff resources to achieve the planned program earlier in the year. The Water Seminar in Melbourne was a very successful event delivering a small surplus back to the ACA surplus.
- Regarding the expenses, there was a slight increase in employee benefits by \$38k (5%) than in 2023, as new staff were brought on board. In 2024 we have retained the staffing levels that would allow us to deliver and grow the suite of services to our members. To help offset the salaries costs, the professional fees reduced significantly (by \$146k or 41%). The professional fees included external contract support and the digital development consultancy fees. The meeting, course and venue costs increased in 2024 compared to 2023 by \$102k or 7%. Conference and events revenue was \$46k or 6% below its 2023 level. Overall, the increased revenues and control on the costs delivered a better result for the ACA in 2024 than anticipated in the revised 2024 budget earlier in the year.
- About the ACA's Financial Position, it was agreed with the auditors that some of the historical contracted liabilities (particularly deferred course payments) from the period prior to 2022 should be further analyzed to establish whether they can be written off. Our net assets increased by \$323k (or 22%). This is primarily reflected in our cash in the bank at the end of December 2024 which increased by \$774k or 102%, due to better cost control, improved revenue from operations and one-off 'other revenue' items for royalties overpayment and insurance payout.

Maree Tetlow
ACA CEO

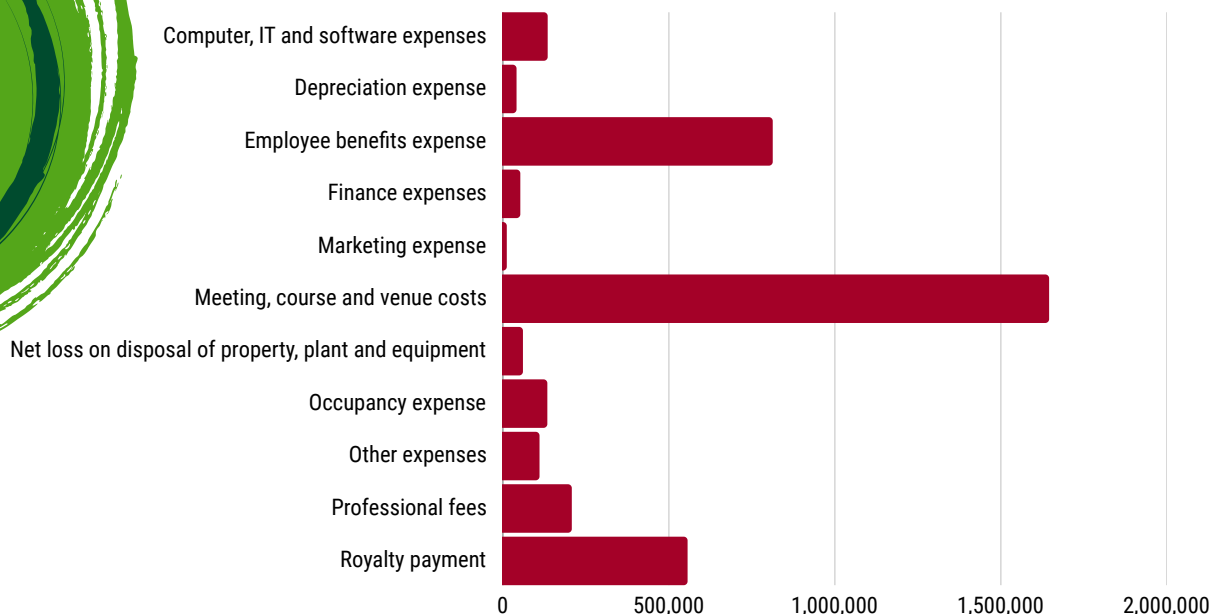
Dr Alexandra Sidorenko
Chair, FARMC

FINANCIAL REPORT

Revenue Summary



Expenditure Summary





ANNUAL REPORT 2024