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The International Powered Access Federation (IPAF) promotes and enables the safe and effective use of powered access equipment worldwide - through providing technical advice and information; through influencing and interpreting legislation and standards; and through its safety initiatives and training programs.

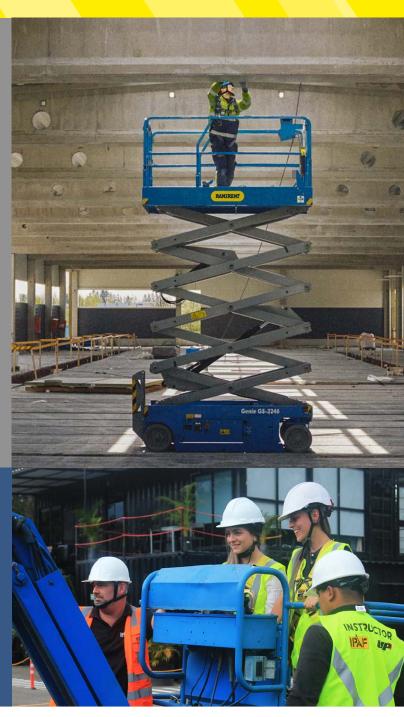
IPAF is a not-for-profit organisation owned by its members, which include manufacturers, rental companies, distributors, contractors and users. IPAF has members in 81 countries, who represent the majority of the MEWP rental fleet and manufacturers worldwide.

Visit www.ipaf.org/contact for details of your nearest office or representative.

### **Contact IPAF**

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# PRESIDENT'S REPORT



Dear IPAF members, partners and staff, dear Ambassadors of Safety in Powered Access, it has been a great privilege to serve as the first female President of IPAF during a milestone year in its history.

IPAF is 40 years young, and 2023 has been a year of celebration and of reflection on our journey so far.

Where are we on our journey?

The most important thing is the impact we have on individuals. Someone's father, sister, brother, mother, son, daughter, cousin or friend who is learning the safe way to start the day in powered access; to make the right decisions every second, minute and hour of the day, even in the biggest hurry or stress; taking a moment to reflect on the right way to do it.

By impacting these individuals, we have an impact on their families, their organisations, their companies, communities, and even on countries.

That is a hugely important task and contribution, a collective achievement by the whole global IPAF family.

During four decades of improving safe working conditions and practices we have also continuously learnt as a federation. How do people learn? How can we improve the techniques and practices of teaching and learning? As well as updating our training and guidance to reflect emerging best practice, we have changed the way we deliver training to respond to the needs of our members.

One of the highlights of my time in office has been the success of the Women in Powered Access initiative.

# Karin Godenhielm

# **IPAF** President

# A GLOBAL FAMILY UNITED BY COMMITMENT TO LEARNING

From sharing the stories of women working in our industry, to highlighting career pathways and ensuring that women are represented on our conference stages and audiences, we are making steps forward in diversifying our industry and celebrating the achievements of our incredible workforce.

This past year has been challenging for many companies in construction and other related industries.

Always when times are tough, we must remember that our people are what matters. Maintaining our focus on skills, and continuing to invest in training and learning are vital as we navigate through difficult circumstances.

One of IPAF's great strengths is the way it brings people together from across the industry to learn from each other and develop together.

The record attendance at the IPAF Summit and IAPAs in Berlin in April was a great celebration of all the fantastic contributions of our membership and the powered access industry as a whole.

It is mindblowing how many fantastic innovators, sustainability experts, safety professionals and access gurus we have around us who are all bringing their passion, skill and work ethic for the benefit of us all.

We were also very proud to reinforce our ongoing commitment to diversity by introducing an Equality, Diversity & Inclusion (EDI) Award for the first time this year.

This prestigious new award is a fantastic way for us to celebrate the role models who are making a positive impact, as well as send a signal to the industry about our commitment to EDI. 66 We continue to grow, improve, make new ground and impact safety in all corners of the world. 99

Congratulations to all the winners and to every company and individual who entered the IAPAs.

IPAF's Chief Executive and Managing Director Peter Douglas and his team have delivered fantastic results the past year as we have been able to once again break records in training.

We have attracted more than 180 new members this year, with our total membership approaching 1,700 worldwide.

We are now at the end of our anniversary year, a mature federation but young at heart and with the future ahead of us.

We continue to grow, improve, make new ground and impact safety in all corners of the world.

The tools may be very different today from what they were forty years ago, but as people we are all the same - we want to have a meaningful purpose in our day to day lives, both professional and personal.

And there is no more meaningful purpose than the work we in the IPAF family are doing – bringing every person working at height safely back to their families at the end of the working day.

That has and will never change. I want to thank you all, dear IPAF members, partners and staff for sharing this great purpose, and for your great efforts and your commitment to the powered access industry.

You are all great role models in taking a moment to reflect on the safe way to work, and making the right decision every single day. Thank you!



Our 40th anniversary year has been very special - an opportunity to look back with pride over four decades of achievements, while continuing to forge ahead to reach new high points in IPAF's history.

Although we have spent this year celebrating our past, I'm proud to say that the IPAF team has never lost focus on our ongoing mission to promote safety in powered access, or our responsibilities to the future of the industry.

IPAF grew encouragingly in the lead-up to our anniversary year, with a record increase in membership in 2022 and a further growth of 50 new members in 2023, ending the year on 1,697.

There was a corresponding increase in attendance at our face-toface events. We reached almost 4.000 attendees at IPAF's events alone, and participated in 122 events, an increase from 110 in 2022.

An incredible 2.5 million operators have now completed training to gain their Powered Access Licence (PAL Card) to date - a testament to the international recognition of our standards.

And the growth of demand for training has continued to gather momentum; for the first time in our history our training centres trained more than 200,000 people in the calendar year, and we have expanded our eLearning platform to cover China. Meanwhile, our ePal app reached the milestone of more than 500.000 downloads since its launch in June 2021 and is visible in 190 countries worldwide - a phenomenal achievement.

The global community we continue to build is making the industry safer by pooling knowledge and sharing experiences through our Accident Reporting Portal.

# **Peter Douglas**

Chief Executive and Managing Director

## LOOKING TO THE FUTURE ON OUR **40TH ANNIVERSARY YEAR**

This is our most important initiative, helping us to gather real-world data that informs the rest of our work.

We have seen a 21% year-on-year increase in the number of incident reports we have received - more than 989 from 41 countries.

Although more incidents might seem like bad news, we have also seen a 3.6% reduction in fatalities - we are helping to prevent the most serious incidents.

Our engagement activity on safety aims to reach manufacturers, rental companies, contractors and end users to ensure industrywide understanding of the risks and best practice associated with our work.

Our 'High Voltage!' campaign was launched in response to a significant increase in electrocutions and electric shocks since 2015, helping to make mobile elevating work platform (MEWP) users aware of the hazards when working near electricity. Alongside this flagship global safety campaign, we have continued to work closely with industry colleagues to ensure ongoing dialogue on safety issues and encourage a collective goal of continuous improvement.

We know from experience and the data we hold that working at height and use of powered access equipment carries numerous and varied risks. These range from the obvious risk of falls from height to lesser-known dangers such as working near radio frequency (RF) sources.

One particular area we have addressed this year is loading, unloading, and transportation of MEWPs after the data revealed a significant number of people being injured or killed during the process.

66 An incredible 2.5 million operators have now completed training to gain their Powered Access Licence (PAL Card)

This engagement activity complements our training programmes and accreditation schemes such as IPAF Rental+, which are reviewed regularly to ensure the latest best practice is followed.

None of this work would be possible without the accident reports submitted by our members. Every report we receive contributes to the bigger picture of making our industry safer, and we are immensely grateful for the support we receive.

Finally, I would like to take the opportunity to say a heartfelt thank you to our outgoing President, Karin Godenhielm.

Karin holds the distinction of being the first woman President in the history of IPAF. While she can claim many successes and achievements during her time in office, the project that will surely stand out as her legacy is the Women in Powered Access initiative.

This project has recognised and celebrated the women in our industry, supported women in their career development, and - we hope - established the foundations to attract the next generation of workers to our industry.

Karin has brought immense passion and energy to ensuring IPAF helps to bring the best out in everyone through championing training and an enthusiastic approach to continuous learning.

That dedication to professional development is what makes IPAF what it is - a global community committed to ensuring that we have the knowledge and conscientious attitude to keep ourselves and others safe.

Here's to the next 40 years.



# **CELEBRATING PEOPLE** AND THEIR ACHIEVEMENTS IN OUR ANNIVERSARY YEAR

IPAF is its people. Our staff team, board and committee members, volunteers, members and instructors have worked with operators and managers working on the front line to build a global movement committed to safety in the powered access industry.

IPAF's mission has always been centred on the safe and effective use of powered access equipment, work that has been made possible through the partnerships and collaboration that we have fostered all over the world over the last 40 years.

Everything we do flows from the intelligence we gather via the IPAF Accident Reporting Portal. This vital source of data - created through the openness of our members - helps us to understand changing hazards faced by workers in our industry and respond with training and resources to reduce the risk of incidents.

Equipment is only as good as the way it's used, and rules and regulations are useless if they're not followed. Safety is ultimately achieved collectively through a set of shared behaviours, values and actions exemplified by the global IPAF community.

Although our industry and our membership continues to grow, the work we are doing together is reducing the number of the most serious incidents.

That's something we can all be proud of, the product of 40 years of working together in the name of safety.



#### PRESIDENTIAL TEAM AND BOARD

Karin Godenhielm	Dinolift Oy - President
Karel Huijser	JLG EMEA BV - Deputy President
Kai Schliephake	Partnerlift GmbH - Vice President
Ben Hirst	Horizon Platforms Ltd - Director
Julie Houston Smyth	Lolex Ltd - Director
Jacco de Kluijver	Terex Global GmbH - Director
Pedro Torres	Riwal - Director
Peter Douglas	IPAF - CEO & Managing Director
Nick Selley	AFI-Uplift Ltd

#### **COUNCIL MEMBERS**

Susan (Hongxia) Xu	Hunan Sinoboom Intelligent Equipment Co Ltd
Paul Rankin	Nationwide Platforms Ltd
Will Temple	Sunbelt Rentals Limited
Arne Dirckinck-Holmfe	PB Lifttechnik GmbH
Rodrigo Freitas	Rental Master Locação De Máguinas E Equipamentos Ltda-ME
Enrique Garcia Delgado	Snorkel

#### **COUNTRY COUNCIL CHAIRS**

Ben Hirst	Horizon Platforms - UK Country Council					
Rodrigo Freitas	Rentalmaster Ltd - Brazilian Country Council					
David Meeke	Balloo Hire Centre Ltd - Irish Council					
Brian Clark	Sunbelt Rentals Limited - North America Country Council					
Jose Maria Sevilla	Loxamhune - Spanish Country Council					
Nicola Pontini	JLG Italy - Italian Country Council					
Peter Ellis	Dingli Middle East - Middle East Country Council					
Shawn Ong	Galmon (S) Pte Limited - Singapore- Country Counci					
Tony Small	Gammon Construction Limited					
	Hong Kong Country Council					

#### **COMMITTEE CHAIRS**

Kevin O'Shea	Hydro Mobile - Division of BrandSafeway Access Inc. MCWP and Hoist International Committee
Steve Booker	Kentec Training Ltd - Training Committee Chair
	Mr Plant Hire Limited - IPAF Rental+ COmmittee Chair
Alana Paterson	Taylor Woodrow Plc
	International Safety Committee Chair
James Clare	Niftylift Ltd
	Manufacturers Technical Committee
Chris Banks	Independent Instructor - CAP Committee

# **IPAF** AROUND THE WORLD

Our country and regional councils work on behalf of our members around the world to represent their interests and champion safety in our industry.

Our Brazil Country Council had three meetings in 2023, with key discussion topics including implementation of Brazil's new ABNT technical regulations, introduction of new rules for new instructors and planning of targets and objectives for 2024. The group also entered a new collaboration agreement with ALEC, the Brazilian rental company association. Events supported or attended by the council included Expo Proteção in São Paulo. The group approved 10 new members all gained via the IPAF ElevACÃO conference in São Paulo.







A highlight for the Irish Council was the appointment of a new Country Manager, Damien O'Connor, to start work across the island of Ireland in 2023. The council mandated IPAF Rental+certification for rental members by January 2025. IOSH Ireland hosted IPAF on a webinar to speak to their members about MEWP safety and IPAF's worldwide accident statistics. Contractor engagement across Ireland progressed well, with more than 10 safety awareness talks completed across Ireland. Ireland's largest contractor, Sisk, joined IPAF and other contractors are in discussions to join in 2024.

The Italy Country Council convened in person three times throughout 2023. During the initial meeting, arrangements were made for IPAF's participation in the SaMoTer event in Verona. In June, following discussions on increasing contractor engagement, the council facilitated IPAF's presence at the GIS exhibition in Piacenza and organised the IPAF 40th anniversary cocktail party. In the final meeting of the year, the team laid the groundwork for the 2024 edition of its Informa magazine and the IPAF Anch'io event.

Our Middle East Regional Council worked on several key initiatives across different countries in the region, with a particular focus on Saudi Arabia and Abu Dhabi. Collaboration with safety associations formed a key part of the strategy to support and develop safety standards in Saudi Arabia. By sharing best practices and participating in forums and workshops, the council contributed to an ongoing effort to develop and refine safety standards. The council also engaged with NEOM, the vast urban development project in the north west of Saudi Arabia. In Abu Dhabi, IPAF supported the development of a working at height safety campaign in partnership with the Abu Dhabi Public Health Centre. Finally, the Middle East Regional Council is undergoing reorganisation and is expected to launch with new changes in Q1 2024. The reorganisation aims to give countries in the region a stronger presence and potentially more influence in MEWP safety and training standards.

The North America Regional Council held four virtual and one in-person council meetings during 2023. The group delivered and recorded three MEWP safe-use webinars to reach hundreds to thousands of industry professionals. Liaison work continued to strengthen the North America Regional Council's alliance with the Scaffold & Access Industry Association (SAIA). Work also continued to increase participation in the accident reporting through IPAF's portal.

The Spain Country Council approved new requirements for instructors during 2023, and activated a working group focused on training. Members of the Spain Country Council took a lead role in securing IPAF's membership of the ELEVA industry alliance, launching a new phase of strategic collaboration for safety in the sectors it represents. This agreement with other trade associations ANAGRUAL, ANMOPYC, FANAGRUMAC, ANAPAT and AECE marks a significant milestone in unifying efforts to benefit the lifting industry. Elections during 2023 saw the election of José María Sevilla from LoxamHune as country council chair and Alberto Miñarro from Riwal as vice-chair.

Priority projects for the UK Country Council included promoting accident reporting to drive safety initiatives and championing the UK-specific safety campaign around safe loading and unloading of machinery during transport. All UK rental company members are now IPAF Rental+ certified, and the UK council made a concerted effort to promote the scheme to contractors and the wider industry. The UK Country Council also has two working groups, focusing on issues around the approval of van and truck-mounted machines and promoting careers in powered access. The UK Elevation 2023 Conference at the Belfry had a record attendance. Looking ahead to 2024, the focus will be on embedding new digital solutions.

Two council bodies - the Hong Kong Regional Council and the Singapore Country Council - were dissolved in 2023, and work is ongoing to create a new Asia Council intended to take on their responsibilities. Before its dissolution, the Hong Kong Council convened virtually on three occasions to discuss various topics, including new IPAF courses (MCWPs and Hoists), the ePal app, Asia Conference, accident reporting, and Hong Kong webinars. The Singapore Council also held three online meetings, discussing varied topics including Safety Professional Members, IPAF courses, Asia Conference, accident reporting, and the IPAF Members' gathering and webinar. A key initiative of the Singapore Council was hosting a webinar in collaboration with IPAF on the ecosystem for the safe use of MEWPs as well as focusing on the new electronic safety features of MEWPs. This webinar coincided with the first Singapore Members' Night, featuring an in-person gathering for dinner and networking with all Singapore members.

# **IPAF IN NUMBERS**



#### **MEMBERSHIP TERRITORIES**

Algeria Hong Kong Peru Argentina Hungary Australia India Poland Austria Indonesia Portugal Bahrain Iran Qatar Belgium Iraq Romania Bosnia and Ireland Russia Herzegovina Isle of Man Brazil Italy **▶** Brunei Japan Darussalam

Kazakhstan Bulgaria Kenya Canada Kuwait Chile Latvia China Liechtenstein Colombia

Lithuania Croatia Cuba Luxemboura Malaysia Cyprus Czech Republic Mexico

Denmark Morocco Mozambique Ecuador Estonia Myanmar

Finland Netherlands France New Zealand Norway Georgia

Germany **Oman** Greece Honduras

**Philippines** 

Saudi Arabia Singapore Slovakia

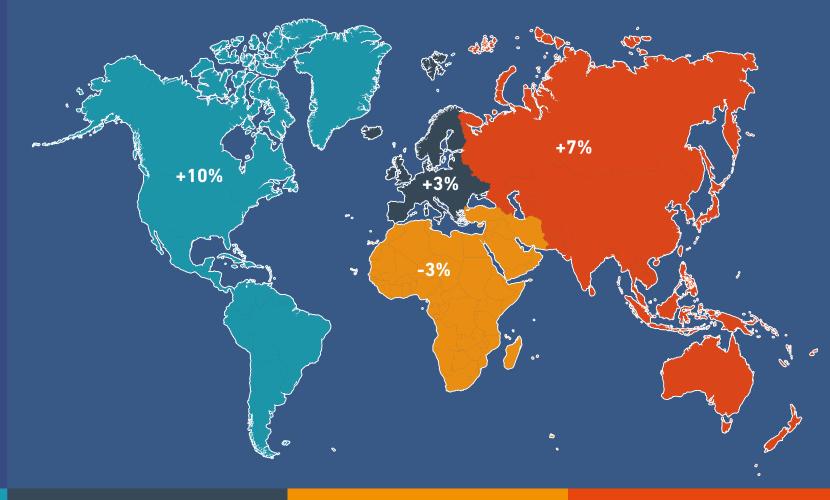
Slovenia South Africa South Korea Spain

Sweden Switzerland Taiwan **Thailand** Trinidad and Tobago Turkey

**United Arab Emirates United Kingdom United States** 

Uruguay Vietnam **Pakistan** Zambia Panama

# **GROWTH IN MEMBERSHIP ACROSS THE GLOBE**



## **AMERICAS**





## **EUROPE**

IPAF<sub>2023</sub>\
ELEVATION

# **MIDDLE EAST & AFRICA**





# **IPAF IN NUMBERS**



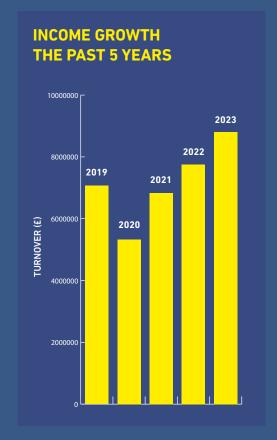
# **MEMBERS** COUNTRIES **NEW** MEMBERS

# **INCOME SPLIT** MEMBERSHIP......8.4% **SAFETY GUIDES................1.0%**

# **TRAINING APPLICATIONS** 215,563 **RECORD MONTH 21,425**











# **WOMEN IN POWERED ACCESS**



Promote and enable the safe, effective use of powered access worldwide

# WOMEN IN POWERED ACCESS CONTINUES TO TAKE STRIDES

In the ever-evolving landscape of the powered access industry, the Women in Powered Access initiative has been a beacon of progress since its inception. Inspired by IPAF President Karin Godenhielm, the initiative, launched in 2022, is a testament to the commitment towards diversity and inclusion within the powered access sector.

The primary goal of the Women in Powered Access initiative is to recognise and celebrate the invaluable contributions of women in the industry. This initiative supported by an industry-wide working group, focuses on shining a light on the achievements of women in powered access to inspire more women to join our industry and develop thriving careers.

The Women in the Workplace webpage, accessible through the IPAF website's resource library, serves as a hub for articles and training resources. It caters to both individuals and businesses, promoting an environment of learning and support. The platform has become a valuable resource for those seeking to enhance their knowledge and skills within the powered access industry.

Notable highlights from 2023 included the production of 30 articles celebrating the achievements of women in powered access, which were distributed across industry media. A significant step forward was the creation of the IAPA award recognising Equality, Diversity, and Inclusion (EDI) reflecting the commitment to fostering a more inclusive industry.

Another notable achievement was the increase in women contributors at IPAF events, creating a more diverse and representative platform for industry discussions.

The introduction of a LinkedIn group specifically for women in the industry has helped in providing a space for networking, role promotion, and mentorship opportunities. A unique addition to the initiative was the creation of 'Andi Access', the female counterpart to Andy Access, the well-known mascot featured in much of IPAF's safety communications. Emphasising the industry's dedication to a culture of safety and equality.

Leveraging partnerships with rental associations, the initiative actively promoted career opportunities for women in powered access, contributing to a more inclusive and diverse workforce.



"Launching and developing the Women in Powered Access initiative has been among the highlights of my time as President of IPAF.

"I have heard so many uplifting stories from the amazing women who work in our industry, and hope that the project has helped to motivate others to develop their careers to their full potential.

"Learning of the achievements of these amazing women never fails to inspire me, and gives me hope that powered access will continue to benefit from increased inclusivity and diversity as we welcome the new generation to our industry."

Karin Godenhielm, IPAF President 2022-24



"Personally, I strive to motivate women to overcome any fear, to dare to pursue what they want, to work with passion and to prove themselves in any job. It is important to recognise that women are taking on more and more relevant roles in various fields, even in those that were previously considered exclusively for men. This is our moment, and we must make the most of it."

**Carol Mora**, Head of Training ALO Group, Chile



"I get a lot of satisfaction from advising and providing customers with the right solution and having people come back to me year after year. It has also been a fantastic experience working with my daughter, Jade, who was just 21 when we started International Platforms together."

Vicki Allen, Managing Director International Platforms UK and winner of EDI award at IAPAs 2023 Berlin



"If powered access is an industry you are interested in working in, I can assure you that working in this environment is not something you would regret. The progression and learning opportunities are in abundance. The industry is very diverse and inclusive, I have never experienced any discrimination due to my gender, so don't be scared to enter the industry. Everyone is accepted."

**Hayley Blaymire**, Trainee HSE Advisor, Nationwide Platforms, UK



Promote and enable the safe, effective use of powered access worldwide

# A DATA-DRIVEN APPROACH TO TRAINING DEVELOPMENT

Throughout 2023 we continued to use data gathered by our members to inform development of our training offering.

Data gathered via the IPAF accident reporting portal shows that falls from the platform is one of the major causes of injury or fatality associated with using mobile elevating work platforms.

As a result, during 2023 we launched three new harness training courses tailored to user needs.

Awareness and understanding of how to correctly use a harness is critical to safe operation of boom-type MEWPs.

IPAF offers three harness courses to meet the needs of different candidates:

Harness Awareness Course (HA)

Harness User Course (HU)

Harness Inspector Course (HI)

The HA qualification can be delivered either in person or via eLearning, while the HU and HI courses are practical and must be delivered in person. All qualifications are valid for five years, and are verified with digital certificates accessed via the IPAF ePAL app.

A second important strand of activity during 2023 was work to review the IPAF MEWP Operator course. This work is being carried out by an international team from all over the world. The new course will be developed in Articulate Storyline 360, a leading platform for delivery of interactive online learning courses.

Another milestone in 2023 was the announcement of the extension of online training to the Chinese market at the International Rental Conference Asia and the Apex Asia trade show in Shanghai.

IPAF's Chinese eLearning programme provides a flexible and enhanced online learning experience for MEWP operators. The training platform is offered via the WeChat app, allowing users to access training anytime and anywhere. The first three modules are offered free of charge at the point of registration.

IPAF CEO and Managing Director Peter Douglas said: "China is the fastest-growing equipment market in the world, with a huge



rental fleet comprising hundreds of thousands of machines, as well as nearly five million MEWP operators.

"A growing sector naturally means more operators, and it is very important to us that industry colleagues are equipped with the knowledge and skills to stay safe and work effectively. We hope that extending this training to China will herald a new era of safety in the country's powered access sector."

Professional Development Seminars were held in 10 countries from Brazil to the UAE to ensure all IPAF Instructors across the globe were kept up to date with all the course developments and digital improvements IPAF has been making in 2023.

### DEVELOPMENTS IN MAST-CLIMBING WORK PLATFORM AND CONSTRUCTION HOIST TRAINING



There were numerous developments in IPAF's work around training for operators of mast-climbing work platforms (MCWPs) and Construction Hoists (CHs) during 2023.

Progress continued in the development of the Hoist Installer and Advanced Installer courses, overseen by a working group in which the Construction Plant-hire Association's Construction Hoist Interest Group is represented. The courses are expected to be made available in the second quarter of 2024.

We continued to facilitate and get involved in discussions with global partners on developments around MCWPs and CHs.

Collaborative meetings have taken place between IPAF and the Construction Plant-hire Association's Construction Hoist Interest

Group, strengthening the ties between both organisations. The IPAF Rental Standard and IPAF Rental+ for MCWPs and CHs were presented, generating great interest in the industry, with several rental companies already in the process of being audited under this standard.

In September, a webinar titled 'Turning Challenges into Opportunities in the MCWP & Hoist Rental Industry' was held, where experts in the rental business shared their experiences in diverse markets such as Australia and Singapore.

A record number of PAL cards (more than 4,000) and members of MCWP and Hoist (more than 150) in IPAF have been achieved - these numbers have doubled in just two years.



# SPREADING THE WORD OF OUR POSITIVE APPROACH TO AUDIT

The IPAF Audit Department saw another increase in activity in 2023, expanding the support it offers to IPAF Training Centres, instructors, and rental companies.

Following a year prioritising the standardisation of IPAF's audit practices, the emphasis for 2023 was firmly on delivering on improvements and ensuring the benefit of this work was felt by the wider industry.

As well as exceeding last year's audit activity, the team has worked hard to champion IPAF's audit philosophy across all regions. It is natural for people to feel anxious during any form of inspection, but our team aim to make audit a positive experience.

Rather than looking for faults we seek out and highlight quality, and work together to address areas for improvement.

A priority for the year has been to work on increased understanding of our audit philosophy across all regions.





#### Key points are:

- · We audit and assess to find compliance
- Audits are a relationship builder with the member
- We audit so we can measure the effectiveness of our training programmes and instructors
- Our global audit activity gives IPAF a unique competitive advantage
- The aim of the audit is to continue to work with those who support our mission
- The greatest member benefit of auditing is the reputational integrity of the PAL Card

IPAF Audit Manager Katrin Blau says: "Audit is a partnership. Our auditors work closely with our members to ensure that areas of quality are recognised and offer advice on areas where improvements can be made.

"We work hard to ensure that an audit is not a stressful process. We want our members to feel positively about their achievements and share our passion for continuous improvement in safety and customer experience.

"It's also important to note that auditing is a two-way process. As well as assessing the compliance of training centres, instructors, and rental companies, auditing helps IPAF to identify areas it can improve its training and messaging to ensure best practice is embedded and understood."

#### Other highlights throughout the year include:

- Compliance level increased overall during 2023, a trend seen globally
- Work continued to standardise the practices of the Audit department
- Appointment of new team members to ensure we have a comprehensive auditor team across all regions
- Appointment of Stuart Witts as our first auditor for the island of Ireland
- Additional developments throughout the year have paved the way for more rental businesses to enter the IPAF audit framework.

IPAF renewed its certification to ISO 9001:2015 and ISO 18878:2013 and continues to be audited by external accreditors, including Safety Systems in Procurement (SSIP), allowing IPAF to continue certificating SSIP Health & Safety Core Criteria in the UK and Bureau Veritas in Spain.

In addition to these efforts, Anouck Sauer has been covering for Kate Miller as IPAF's Quality Manager after she went on maternity leave. The internal quality function at IPAF has been focusing on the further development of IPAF's Business Management System and internal procedures to enable improvements to member/customer satisfaction.

IPAF monitors all internal and external risk issues & opportunities through an open online form. This form is regularly reviewed by IPAF's senior management team.



# RAISING INTERNATIONAL STANDARDS FOR POWERED ACCESS EQUIPMENT RENTAL

We made significant steps forward in our support of powered access rental companies during 2023.

Since its launch 40 years ago, IPAF has worked to establish international standards for the powered access industry. This trend continued in 2023 with the launch of the IPAF Rental Standard around the globe.

The IPAF Rental Standard was launched at the IPAF Asia Conference in August and is a set of guidelines created by industry experts from member organisations around the world to support companies that rent/hire powered access machines and equipment.

The standard outlines industry-recognised good practices, including compliance with safety requirements and legislation, and how to consistently deliver excellent customer service. The standard also details what a good rental experience should look like to end users and guides them through recognised procedures they may not be familiar with. The standard is available in seven languages on the IPAF website. It applies to the hire of all powered access equipment and will help to create a unified approach within the powered access industry.

The IPAF Rental+ certification scheme saw further developments and was introduced to additional sectors within the industry including mast climbing work platforms (MCWPs) and construction hoists (CHs). The scheme is seen as the powered access industry's guarantee of high-quality and proof that a hire/rental company has been independently audited, and meets rigorous health & safety, quality, and environmental standards including the IPAF Rental Standard.



IPAF Rental+ Certification is a mandatory requirement to gain IPAF Rental membership throughout the UK, and during 2023 it was adopted and mandated as a condition of rental membership throughout the island of Ireland by the end of 2024.

2023 also saw the scheme successfully introduced in the UAE, with preparations also being made for implementation in other regions including Asia throughout 2024.

It is anticipated that with the introduction of the IPAF Rental Standard, rental members in regions adopting the IPAF Rental+certification scheme will have better guidance to gain and maintain certification.

We positively encourage all powered access users to adopt and adhere to the IPAF Rental Standard, therefore driving standards up within the industry.

	Number of IPAF Rental+ certified members	93
	Countries with IPAF rental members	64
NEW	New rental members in 2023	41



# GLOBAL DATA-GATHERING DRIVES **SAFETY IMPROVEMENTS**

Accident data collated by IPAF from reports submitted by members around the world continued to increase awareness of safety issues in 2023.

IPAF's Accident Reporting Portal allows us to pool knowledge and insights from manufacturers, rental companies, contractors and users to build a worldwide picture that is helping us to reduce injuries and fatalities.

During 2023, we recorded a 21% year-on-year increase in the number of incident reports we have received - more than 989 from 41 countries.

This increase in incident reports is regarded as a positive - indicative of both IPAF's larger membership and a growing understanding of the value of reporting and learning from incidents.

Despite the increase in incident reports, we have also seen a 3.6% reduction in fatalities - an indication that this collaborative learning project is leading to fewer of the most serious incidents.





Global trends we can identify in the data inform every aspect of IPAF's work, from our training programmes to rental supplier audit criteria and the issues we communicate to our members.

Every year IPAF analyses trends in the data and identifies a Global Safety Campaign targeted at a specific type of risk or incident outcome, emphasising the importance of working safely to mitigate specific concerns and avoid certain types of incident when using mobile elevating work platforms (MEWPs).

This year the focus has been directed at risks associated with working near power lines through our 'High Voltage!' campaign.

We launched the campaign after our Accident Reporting Portal revealed a notable increase in incidents involving electrocutions and electric shocks associated with power lines since 2015.

The campaign resources included the publication of guidance document 'The Safe Use of MEWPs in the Vicinity of Power Lines' and a short video to support the safety message.

The campaign was promoted at events and trade shows around the globe.

# USING DATA TO IDENTIFY SAFETY ISSUES

Alongside our annual Global Safety Campaign, we work closely with industry colleagues to ensure ongoing dialogue on safety issues and encourage a collective goal of continuous improvement.

We provide guidance on a broad range of safety issues, with resources including 'toolbox talk' or 'safety talk' discussion prompts for use during team briefings alongside additional materials such as posters and videos.

Training programmes and certification schemes such as IPAF Rental+ are reviewed regularly to ensure the latest best practice is followed.

All of this work is encapsulated in our annual Global Safety Report. The 2023 edition took a deep dive into the top six reasons for fatal and serious incidents, drawing on our incident data to provide a detailed and evidenced snapshot of areas of risk.

Key areas of focus this year included the electrocution risks highlighted in the High Voltage! campaign alongside other emerging issues such as the increase in incidents involving type 1b static boom MEWPs.

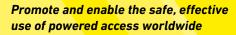
Responding to a request from the IPAF UK Country Council, we launched a UK campaign on safe loading, unloading and transportation of MEWPs.

None of this work would be possible without the collaborative and open culture that we have fostered within our industry - by working together and focusing on learning opportunities we are making our industry safer.

21% year-on-year increase in incident reports

989 reports from 41 countries

3.6% reduction in fatalities





# LEVELLING UP FACE-TO-FACE INTERACTION

# AND ONLINE CONNECTEDNESS

In 2023, the IPAF Communications & Membership team witnessed an increase in hosted events across the access industry calendar, accompanied by a notable uptick in face-to-face attendance. With 122 events compared to 110 in 2022, IPAF's commitment to engaging with the powered access industry was evidenced throughout. IPAF remains committed to tailoring its strategy for expansion into new territories and enhancing global reach.

#### **NEW CRM IMPLEMENTATION**

IPAF embraced a new Customer Relationship Management (CRM) system, Subscribe 360, with the primary objective of enhancing relationships with members and potential members while streamlining membership, communications, and event processes. The implementation brings several benefits, including a better understanding of members and non-members, improved identification of potential new members, and effective management of key industry stakeholders. The CRM also facilitates monitoring of interactions through various channels, enabling targeted marketing communication and automation for improved customer engagement. With a single source of truth, the era of data silos is now a thing of the past.

#### **SAFETY SHORTS**

In an effort to reinforce safety in the powered access industry, IPAF introduced a series of short animations, featuring Andy Access, the IPAF safety mascot. These 'Safety Shorts' focused on the top causes of accidents and near misses reported through the global accident reporting portal. Aimed at highlighting risks and consequences in a simple yet effective manner, these animations served as valuable tools in promoting safety awareness within the industry.







#### **SUMMIT AND IAPAS**

The IPAF Summit 2023, themed 'The Future of Powered Access: Dynamic, Digital, Diverse', marked the 40th anniversary of IPAF in Berlin, Germany. The event showcased decades of learning, emphasising innovation through collaboration, safety through automation, and navigating a future filled with changes in the powered access sector. The event was a testament to IPAF's commitment to advancing the industry through knowledge-sharing and forward-thinking.

#### **GLOBAL ELEVATION EVENTS**

IPAF Elevation events spanned the globe, bringing together industry professionals, experts, and stakeholders. Notable events included IPAF Elevação in Brazil, IPAF Elevation UK, the first edition of IPAF Elevation Benelux, IPAF Elevation Switzerland, IPAF Elevando in Latin America, IPAF Elevação Portugal, IPAF Elevando España, the 2023 Congreso IPAF Conosur, and the IPAF Asia Conference held for the first time in Bangkok, Thailand. These events provided platforms for networking and addressing regional industry challenges.

# MARKETING CAMPAIGNS IN SWITZERLAND AND GERMANY

IPAF's marketing campaigns in Switzerland and Germany aimed at reshaping perceptions and increasing awareness. The Swiss campaign, celebrating 18 years of IPAF's activity, focused on the connection between IPAF and Switzerland, employing visuals inspired by the Swiss flag. The multilingual campaign highlighted the quality of IPAF training. In Germany, the campaign targeted company decision-makers, emphasising the importance of operator training for safety and cost-effectiveness. IPAF staff actively participated in creating posters, which were promoted on social media and showcased at industry events like Platformers' Days and A+A.

In summary, 2023 was a year of transformation and global outreach for IPAF, marked by innovative initiatives, impactful events, and strategic marketing efforts to elevate safety standards and industry connections.

# SOCIAL MEDIA AND PRESS RELEASE IMPACT

The impact of IPAF's digital outreach and broader engagement activity.

65 press releases issued, translated in IPAF's seven core languages as well as in Chinese, Korean and Turkish.

#### WEBSITE



Users														51	5k
Page views													1	.54	4m
Downloads														12	8k

#### **SOCIAL MEDIA**

LinkedIn, IPAF's primary B2B channel, showcased strong growth in 2023. Followers increased by 20%, reaching 15.6k, reflecting an expanding influence within the professional community, while engagement also increased by 12.73% from 11k to 12.4k. IPAF is continuing to tailor its social media strategy in line with the three-year strategic plan, as we aim to be the collective voice of the powered access industry and drive to be digital, wherever practical, in whatever we do. Stay informed on the latest news and updates from IPAF

by connecting with our official

social media channels:















## **JANUARY**

#### The new year started with IPAF launching new guidance on reducing entrapments and crushing incidents when using MEWPs.

The guidance was developed in partnership with the Construction Industry Plant Safety Group (CIPSG).



# **FEBRUARY**

#### First IPAF Member achieved IPAF Rental+ certification in Ireland.

Newly-appointed Ireland Country Manager Damien O'Connor presented the certification to Blulift Ltd after it successfully met the scheme requirements.



# **MARCH**

#### Our High Voltage! safety campaign, aimed at reducing electrocutions whilst using MEWPs, was launched.

This global safety campaign, aimed at reducing electrocutions and avoiding contact with power lines, was announced at the CONEXPO-CON/AGG show in Las Vegas.



# **APRIL**

#### We celebrated our 40th anniversary with a sell-out IPAF Summit & IAPAs in Berlin.

The event, themed around the future of powered access - 'dynamic, digital and diverse' - highlighted what four decades of learning can teach us about innovation through collaboration, safety through automation and embracing a future fraught with change.



# MAY

#### The first event of the Women in Powered Access was held in Maastricht. Netherlands.

IPAF held a breakfast networking event for women working across powered access, and launched our mentoring scheme as part of the Women in Powered Access initiative. The event was held during APEX 2023 where IPAF was exhibiting.



## **JUNE**

#### We extended our work in the powered access sector in South Korea with a signed safety agreement with the Korea Crane Association (KCA).

As part of the agreement, the KCA announced plans to open an IPAF training centre in South Korea - just one example of how the agreement enabled the wider promotion of quality MEWP operator training in the country.





# **JULY**

## **AUGUST**

## **SEPTEMBER**

#### **New IPAF country** representative in China appointed.

Tim Mo joined IPAF to bring his expertise to a role supporting members in mainland China, Hong Kong, Macao, and Taiwan. He was also tasked with building engagement with IPAF safety campaigns and eLearning, developing member benefits and increasing collaboration with national institutions and contractors.



Our members supported the first IPAF Asia Conference in Thailand alongside the first IPAF Training Centre to open in the country.

More than 150 participants from 12 countries attended the conference in Bangkok, with a lineup of 15 distinguished industry speakers exploring industry trends, safety practices, technical advancements, and future prospects.



#### Our members celebrated 18 years of operating in Switzerland.

The IPAF Elevation Switzerland event was themed 'A Promising Digital Future' and brought together access industry experts and stakeholders from across the region.

We announced the launch of our eLearning training programme for users in China.

The announcement of the extension of online training to the Chinese market came as delegates gathered in Shanghai for the International Rental Conference Asia and the Apex Asia trade show.



# **OCTOBER**

# **NOVEMBER**

# **DECEMBER**



#### We hosted Elevation Benelux 2023 in Rotterdam.

Harnessing the power of AI, embracing workplace diversity and training the next generation of technicians were key topics on the agenda at our Benelux conference,



at Platformers' Days 2023.

We used the Platformers' Days exhibition as an opportunity to promote our German marketing campaign, 'No Sky Fall', highlighting the critical role of training for operators.

#### A fitting end to our anniversary year.

Our anniversary year came to a close in the UK - IPAF's founding country - as our IPAF Elevation event at The Belfry Hotel and Resort saw its largest attendance to date.



#### Our ePAL app reached the 500.000 download milestone.

The free app, developed for users of powered access equipment, contains digital certification of training, including the IPAF Powered Access Licence (PAL) Card. It also allows sharing of safety guides and messages, logs machine use time and machine familiarisation, and can be used to report incidents and near misses.





# IPAF **FINANCE**

In 2023. IPAF's turnover increased by £1,043k (13.5%) to £8.80m (approximately €10.12m or US\$11.18m) compared to 2022.

The growth was primarily driven by a 12% increase in training income, contributing over 80% to the total income. Events income also saw a significant year-on-year increase, generating £655k, including £306k in sponsorship from IPAF members.

The increased income allowed IPAF to invest in its digital transformation program, including the reconstruction of the Training Centre administration system, development of digital training, migration of the training manual to a digital platform, and updates to all back-office systems. Despite unexpected cost increases in areas such as travel, expenses, and IT consultancy, cautious cost control measures resulted in an overall year-end surplus of £122k.

IPAF achieved a record high membership number of 1697, marking a net growth of 59 (3.6%) over 2022. The growth was fuelled by 193 new members, offset by 134 lost members. Latin America witnessed the most substantial membership increase, with a net growth of 22 members (21%), gained by the hosting of successful events that took place throughout the year. IPAF expanded its global footprint by adding two new countries, Liechtenstein and Brunei Darussalam, finishing 2023 with membership in 81 countries.

By the end of the year 58 new Training Centres joined IPAF, resulting in a total of 641 (4.4% growth on 2022) across 59 territories. Latin America exhibited the most significant increase in the number of training centres, ending the year with 55 centres, a 17% year-on-year growth.

The number of individuals undertaking IPAF training increased by 22,389 in 2023, with 215,563 successfully completing a course, marking an 11.6% increase compared to 2022. Record training numbers were observed monthly, demonstrating consistent growth. The percentage of digital licenses increased, with 61.2% of all licenses issued as digital only.



Anticipating further growth, improvements to the ePAL app in 2024 aims to push this percentage beyond 70%.

The International Powered Access Federation (IPAF) is a registered Society under the UK's Co-operative and Community Benefit Societies Act 2014, regulated by the UK Financial Conduct Authority. The Act came into force on 1st August 2014 and supersedes the Industrial and Provident Societies Act 1965. IPAF operates as a not-for-profit organisation which is obliged to re-invest all surpluses in furthering the aims of the organisation as defined by the members. The accounts are audited by Azets Audit Services and are presented at the Annual General Meeting for approval.

66 IPAF-accredited training generated significant business for members who offer training courses, and contributed in excess of 80% to the overall turnover of IPAF in 2023 99

GROWTH IN MEMBERSHIP:	
BRAZIL	+23%
SEA	+19%
ITALY	+19%
LATIN AMERICA	+19%
OVERALL	+3.6%
GROWTH IN TRAINING:	
LATIN AMERICA	+105%
CHINA	+83%
PORTUGAL	+47%
OVERALL	+11.6%
OVERALL BUSINESS GROWTH:	
INCREASE IN TURNOVER	+13.5%
TRADING SURPLUS	£109K
PEOPLE SUCCESSFULLY	
COMPLETED AN IPAE COURSE	215 563

#### **ALGERIA**

Renault Algérie Production www.groupe.renault.cor

#### **ARGENTINA**

ALO Group Argentina alogroup.com.ar/index/ GSA RENTAL www.gsarental.com.ar

Haulotte Argentina www.haulotte.com

IMG Rental S.R.L. www.imgrental.com.ar

LV STEIGEN SRL www.lyservicios.com.ar Renault Argentina www.group.renault.com

RK ELEVACIONES www.rkelevaciones.com.ar

Stogue Srl www.stogue.com.ar

Sullair Argentina, S.A. www.sullairargentina.com

#### **AUSTRALIA**

Access Engineering Group

Alimak Group Australia Pty Ltd alimak.com.au/

BUILDCORP buildcorp.com.au/

Equipment Safety Systems Pty Ltd - EQSS www.egss.com.au

EWPA Inc www.ewpa.com.au

EWP Training Solutions www.ewpts.com.au Genie Australia www.genielift.com/en-au

Haulotte Australia Pty Ltd

Ion McQuade

Matthew Carr

Protective Ptv Ltd

Scotia Access Systems (NSW) Pty Ltd

TVH Australasia PTY LTD www.tvh.com.au

#### **AUSTRIA**

www.boelstraining.at

Bildungszentrum Regional e.U. Mohr Bernhard Roels Maschinenverleih Österreich GmhH

Dorn Lift GmbH www.dornlift.com

Felbermayr Transport- und Hebetechnik GmbH & CoKG rent.felbermayr.cc/

FLOTT Arbeitsbühnen GmbH www.flott.cc

Griehser GmbH www.griehser.at

HKL Baumaschinen Austria GmbH www.hkl-baumaschinen.at

Holz Klade GmbH www.klade-group.com/

Irdeto BV www.irdeto.com

Kögl GmbH www.koegl.at

Mayer & Schöftner Arbeitsbühnen GmbH www.mayer-schoeftner.at

W. Reitinger GmbH www.w-reitinger.at

#### BAHRAIN

AGORA Training Services www.agoratrainingservices.ag

Dayim Equipment Rental www.davimrentals.com

MMETC (Modern, Mechanical, Electrical & Transport Co.WLL) www.mmetc.com

Rapid Access Bahrain www.rapidaccess-gulf.com/

Sarens Nass Middle East WLL

Snorkel Middle East

#### **BELGIUM**

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HDW Belgium www.hdwbelux.com Huurland RV www huurland he

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Loxam SA / DK Rental www.dkrental.be

Loxam SA www.loxam.be Marchandise S.A. www.marchandise.be

TVH Parts Holding NV www.tvh.com

Vertimac BV www.vertimac.com Wim Verhuur BVBA www.wimverhuur.be

#### BOSNIA AND HERZEGOVINA



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3A Piracicaba Escoramentos E Máguinas Para Construção Ltda www.andaimespiracicaba.com.br

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ALEC - Associação Brasileira das Empresas Locadoras de Bens Móveis em Geral www.alec.org.br

Alexandre De Oliveira Celestino

Alimak Hek do Brasil alimak.com.br/

Altura Locação. Com e Importação de Andaimes e Equipamentos Ltda www.alturaandaimes.com.hr

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Eleva Brasil soluções em elevação S/A www.elevahr.com.h

ESTAF EQUIPAMENTOS, S.A. www.estaf.com.br

Femav Serviços e Locações De Plataformas www.femay.com.hi

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Haulotte Do Brasil Ltda www.haulotte.com.br Holan10 - Locações de Equipamentos Ltda

Hortoman Plataformas www.hortomanplataformas.com.br

JCB Do Brasil Ltda www.jcb.com

JLG Latino Americana www.ilg.com L C Monteli - Corretora De Seguros Ltda www.monteliseguros.com.bi

Liugong Latin America Máguinas para Construção Pesada Ltda www.liugongla.com LOCAR GUINDASTES E TRANSPORTES S/A

www.locar.com.br Lokan - Máquinas E Equipamentos, LTDA

Lorenzon Locadora De Equipamentos Ltda www.grupolorenzon.com.b

MACROMAQ EQUIPAMENTOS LTDA www.macromag.com.bi

Manitou Brasil Manipulação de Cargas Ltda www.manitou-group.com Mag Rental Locadora De Equipamentos Eireli

T/A Max Plataformas www.maxrental.com.b MILLS www.mills.com.br

MOTORMAC - Distribuidora Meridional de

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Palfinger S.A. www.madalpalfinger.com Pazinato Corretora de Seguros I tda

www.pazinatoseguros.com.br

PL MÁQUINAS LTDA www.plmaquinas.com.br PTA - COMÉRCIO E LOCAÇÃO DE

EQUIPAMENTOS LTDA www.ptarental.com.br Renault - Curibita Plant www.group.renault.com

Rental Master Locação De Máquinas E Equipamentos Ltda-ME www.rentalmaster.com.br Rentalsul Locações Ltda, www.rentalsul.com.br

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Rosa Plataformas www.rosaplataformas.com.br

Rubens Jose Santos SAFETY RENTALS COMÉRCIO E LOCAÇÃO DE PLATAFORMAS LTDA

www.safetyrentalsplataformas.com.br Skyjack Brasil www.skyjack.com

Socage do Brasil Ltda www.socage.com.br SOLUTIONS RENTAL LTDA

www.solutionsrental.com.b

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Terex Latin America www.terex.com.br

Trimak Engenharia e Comércio Ltda TVH do Brasil www.tvh.com.br

W RENT ARC - LOCAÇÃO DE MÁQUINAS LTDA

W Rental Locadora de Equipamentos Ltda www.wrental.com.br

XCMG Brasil Industria Ltda

ZOOMLION BRASIL INDÚSTRIA E COMÉRCIO DE MÁQUINAS LTDA. br.zoomlion.co

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#### CANADA



Bart Krzysztofek

Brad Boehler Discover Battery www.discoverbattery.com

Hydro Mobile - Division of BrandSafeway Access Inc. www.hydro-mobile.com

Larry J Farguhar Leavitt Machinery

www.leavittmachinery.com.

PALFINGER Platforms North America www.palfinger-northamerica.com Rolls Battery Engineering

Serious Labs, Inc. Seriouslabs.com

Skylack Inc www.skylack.com/ SOS Location CA www.soslocation.ca

TVH Canada www.tvh.com/en-us Utility Training Group Inc. www.utilitytraininggroup.com

#### CHILE

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ALO Training SPA www.alotraining.com CAEMP SPA www.caemp.cl

Equipos y Maquinarias Man Lift Ltda manlift.cl/ Equipos y Servicios Trex SPA

Haulotte Chile www.haulotte-chile.com Homecoating Ltda www.homecoatingrentals.cl MATECO CHILE www.mateco-chile.cl

MOTORMAN S.A. www.motorman.cl/

0 & V Rental www.oyvrental.cl Renault Chile www.group.renault.com Rental Patagonia SPA www.rentalpatagonia.cl

#### CHINA

Alimak Group Vertical Access Equipment Co Ltd. alimak.cn Beijing Teamdrive Sensor Co., Ltd. www.teamdrive.com.cn

SK RENTAL S.A. www.skcrental.cl

CEC+CANPLUS DRIVE & CONTROL CENTRE CHENLIFT (SUZHOU) MACHINERY CO.,LTD.

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www.curtisinstruments.com gfeng Renault Automotive Company (DRAC) www.group.renault.com

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EXMILE Special Tyre CO LTD

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Green Power Design Astri Ltd www.gpowerdesign.con

Guangzhou Hyetone industrial Technology Co., Ltd www.hvetone.com Hangzhou Hangcha Aerial Platform

Equipment Co.,Ltd www.hm Haulotte Trading (Shanghai) Co.

Hefei Tianyu Booen Technology Co. Ltd

Henan Jianghe Special Vehicle Technologies., Co Ltd www.hnjhsv.com

HERED (Shandong) Intelligent Technology Co. LTD www.heredlift.com Hong Kong QUIMO Power Company Limited

Honggi (Shanghai) Machinery Technology Co Ltd Hunan Aerial Power Machinery Co. Ltd

Www.cnawpparts.com Hunan Sinoboom Intelligent Equipment Co Ltd

Intradin (Shanghai) Machinery Co Ltd www.intradin.com

Jiangsu Giantpower Rubber & Plastic Technology Co. Ltd www.kobura.com.c Jiangsu Liugong Machinery Co., Ltd.

www.liugong.con JIANGSU SAIMEITRE MACHINERY CO..LTD

Jiangsu Tianxin Industrial Rubber Co, Ltd www.jstxsxt.com JIANGSU TOPOWER TYRE CO..LTD.

Jinda Heavy Industry (Tianjin) Company Limited JLG Industries Shanghai Branch www.jlg.com

Lingong Heavy Machinery Co., Ltd

Manitou China Co Ltd. www.manitou.com

Mantall Heavy Industry Co Ltd www.mantall.com

Noblelift Intelligent Equipment Co Ltd vww.noblelift.com North Valley Research www.nyr-china.com/ Rocher Intelligent Tech. (Shanghai) Co.,Ltd

Shandong Chufeng Heavy Industry Machinery Co., Ltd. www.cncfmglift.com

Shandong Qiyun Group Co., Ltd Shanghai Horizon Equipment & Engineering

Shanghai Yacontee Industrial Co I td

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www.geniechina.com Tonguan Machinery Co., Ltd

www.sunward.com.d

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www.tvhchina.com Weihai Lidaer Machinery Co., LTD. WONG HENG MAN

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Zhejiang Dingli Machinery Co Ltd Zhongneng United Digital Technology Co., Ltd.

Zoomlion Intelligent Access Machinery Co., Ltd. www.zoomlion.com

#### COLOMBIA

AeroRental Ltda www.aerorental.com.co ALO Rental Colombia S.A.S www.alorental.co CGB - Comercializadora Gomez Botero SAS

COMERDACOM S.A.S. www.comerdacom.co Pronto Rental prontorental.com/

Renault Colombia www.group.renault.com Torres Equipos S.A.S. www.torresequipos.co Up Equipment SAS www.equiposup.com



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#### DENMARK

360 Safety 360safety.dk Alimak Group Denmark alimak.se/

AMU-Fyn www.amu-fyn.dk BMS A/S www.bms.dk

Collé Rental & Sales ApS www.colle.eu Danish Rental Association - Materielsektionen

www.materielsektionen.dk FUC Lillehælt www.eucl.dk

Falcon Lifts A/S www.tcalift.com GSV Materieludlejning A/S www.gsv.dk

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Peter Olsen Renta Denmark www.renta.dk

Riwal Denmark A/S www.riwal.dk SST Heis A/S www.sst.as Trackunit A/S www.trackunit.com

Versalift International A/S www.versalift.dk

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Leguan Lifts Oy www.leguanlifts.com Nostolava-auto Jalo&Jalo Ov www.ialoialo.fi

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The Association of Finnish Technical Traders

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Lilio www.linkedin.com/company/lilioformation

Haulotte France www.haulotte.com Haulotte Group www.haulotte.com JLG France www.ilg.com

JOLY Location www.iolv-sa.fr Kiloutou SAS www.kiloutou.fr KLUBB www.klubb.com Kratos Safety www.kratossafety.com

Loxam SA www.loxam.fr

Manitou BF www.manitou.com

P Saubot

SAFETYPACK www.accsys.fr

STABline www.stabline.com

Universal Intralogistics www.universal.ge

#### **GERMANY**

Adrian Trasak

Alimak Group Deutschland GmhH www.alimak.de

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Arbeitsbühnen Koch GmbH

www.vogel-arbeitsbuehnen de

ARMO GmbH www.armo-qmbh.de

AVV Arbeitsbühnen-Vertriebs- und Vermietungs

Basan GmbH www.lift-ankauf.de

Begemann's Mietlift GmbH

Bernd Mölls-Hüfing Beyer-Akademie Gesellschaft für betriebliche

www.beyer-akademie.de BHV Arbeitsbühnen GmbH

Bienhold Arbeitsbühnen GmbH www.bienhold-arbeitsbuehnen.de

Brinckmann Arbeitsbühnen GmbH

Röcker Maschinenwerke GmhH www.boecker-group.com

Castell Arbeitsbühnen GmbH www.castell-koblenz.de

Christian Rennie Christian Wenzel

www.colle.eu Daniel Karschay

Dieter Bohne

FB Fahrwerk Bildung GmbH vww.fahrwerk-lohmar.de

ForkPro Fördertechnik GmbH www.forkpro.de/ Friedhelm Bock Schulungszentrum

Gerken GmbH www.gerken-arbeitsbuehnen.de

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Oshkosh-JLG (Singapore) Technology Equipment Pte Ltd www.jlg.com Poovanur Venkatesh

Sharul Nizam Bin Saw

www.greensafe.com.sc Raymond Lee Rosazizi Sapan

SMRT TEL PTE LTD www.smrt.com.sq.

Spiderlift Asia Pte Ltd www.spiderliftasia.com Star Access Solutions Pte Ltd

Terex Singapore Pte Ltd www.terex.com

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Civis d.o.o www.civis.si

MATECO SLOVAKIA www.matecoslovakia.sk RAMIRENT spol. s r. o. www.ramirent.sk/ Renault Revoz D.D. www.group.renault.com RIWAL NA IFM OPREME do o www.riwal.si

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TVH PARTS SOUTH AFRICA (CAPE TOWN BRANCH) tvh.com/en-za Uplift Quality Solutions (Pty) Ltd www.eazi.

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HA EUN In You Kin

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#### TAE HWAN KIM Woolim International Co. LTD

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Alsetrans 2000 SL www.alsetrans.com ANAPAT www.anapat.es Anzeve SLU anzeve.com

AP Aerial Platforms SA www.apaerial.com Arturo Ruiz Miró AUTOESCUELA INDUSTRIAL (YXCON Ideas y

provectos, SL) www.academia

David Zapata González

Canal-Barberan S.L. www.canalbarberan.com D.F. Operaciones v Montaies, S.A. www.

DISPLACAR S.L (Grupo Cruz Araba) www.displacar.es EIDE - Embragatgesi I Derivats www.eide.net

Elevaciones Archipiélago S.A.U. www.elevacionesarchipielago.com Escuela Europea de Maquinaria SL Europlataformas 2000, S. A.

Faranne Iherica S I www.faranne.es

FEMPA www.fempa.es

GAM TRAINING APOYO Y FORMACION SL

Genie Industries Ibérica SL www.genielift.es

Gruas Roxu SA (PLAAS) www.gruasroxu.com

Haulotte Ibérica SL www.haulotte.com

HOMS RENTALS, SL www.homsrentals.com IMPLASER 99 SLL www.implaser.com JANA TOP TRAINING www.ianatoptraining.org

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Mainsa Plataformas S.L.U www.mainsapoligruas.com

MANITOU MANUTENCION ESPAÑA S.L. www.manitoucenter.es Mateco www.vamasatecnial.com

MAXBER (PLATAFORMAS BER SL) www.maxber.com MERCAELEVA SL

Máquinas OPEIN, S.L.U. opein.com. Palfinger Iberica Maguinaria S.L. www.palfinger.es Plataformas Daryat S.L. www.niftylift.es

Plataformas Elevadoras JLG Ibérica S.L. www.jlq.com

Plataformas Elevadoras Magel SL

Plataformas Lozano S.L. www.gruaslozano.com PLATAFORMAS MOYMA SLU www.plataformasmovma.c

Plataformas Noain S I www.plataformasnoain.com

Renault SPAIN www.group.renault.com Rent Wheeler SL (Alpesur) www.alpesur.com RESA QUALITY FACTORY SL gruporesa.com/

Riwal Plataformas Aereas Slu SAEclimber - Sistemas De Autoelevacion

SOCAGE IBERICA S.L. www.socage.es Talleres Velilla SA (Movex)

www.saeclimber.com

www.talleresvelilla.com

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Total Lifting, S.L. www.movicarga.com TURBOIBER ELEVACIÓN S.L. www.turboiber.com TVH Parts España www.tvh.com Universal Plataformas Aereas SI

#### www.universalplataformas.com SWEDEN

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Alimak Group Sweden AB - Stockholm www.alimak.se

Cramo AB www.cramo.com

Daniel Kullgren Genie Scandinavia AB www.genielift.com/

Haulotte Scandinavia www.haulotte.se Kiwa Inspecta AB www.kiwa.com Ramirent Sweden www.ramirent.se

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MIT Sicherheit AG www.mitsicherheit.ch

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STAPLERMAXX BÄRTSCHIGER AG www.staplermaxx.ch

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SVBL www.svbl.ch

Swiss Logistics Academy AG

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www.swissecurite.ch Sécuriman Sàrl www.securiman.ch

Sécurité Industrie www.securite-industrie.ch

TCFT Trainingscenter Fördertechnik GmbH

Toggenburger & Co AG www.toggenburger.ch

UP AG Bern www.upag.ch

UP AG www.upag.ch UP SA Geneva www.upgroup.ch

Würth Innovation AG www.wuerth-innovation.ch

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Ashun Fluid Power Co., Ltd www.ashun.com"

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www.promechresources.com

Southern MTS Co. Ltd www.southernMTS.com TVH Parts Holding NV www.tvh.com/en-sg

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IMDER/ISDER www.imder.org.tr

Istanbul Vinc Naklivat Sanavi ve Ticaret Ltd.

Mak-Ser Makina Ltd. Äti.

MRT Makina TIC.LTD.STI

PLATFORMDER www.platformder.org.tr/ Renault Oyak www.group.renault.com

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Byrne Equipment Rental LLC

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Ecosafe Training and Consultancy

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J S P Ltd www.isp.co.uk

Manlift Middle East LLC www.manliftgroup.com Nabors Drilling International Gulf FZE

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Platforms LLC platformsme.com

Quality Equipment Rental www.qer.ae/ Rapid Access LLC www.rapidaccess-gulf.com

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SGS Gulf Limited www.sgs-me.com/ Sudhir Equipments Rental LLC

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Access & Lifting Services

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www.accesshirenationwide.cor Access Platforms Aberdeen Ltd

www.accessaberdeen.com Access Platform Sales Ltd (Huntingdon)

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www.heightsafesystems.con Commhoist Ltd www.commhoist.co.uk

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Construction News www.cnplus.co.uk Hird Ltd www.hird.co.uk

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www.independentpestcontrol.co.uk

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